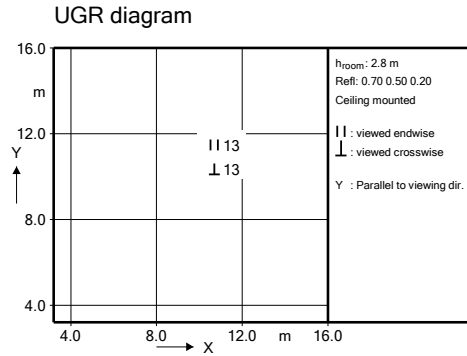
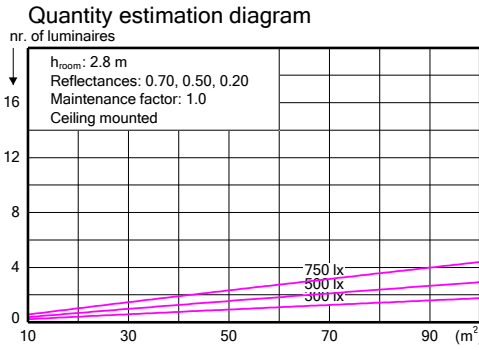
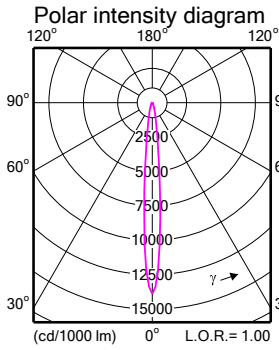


BVP359 D 120LED 22K 220V L50 1xLED 10

1 x 16205 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

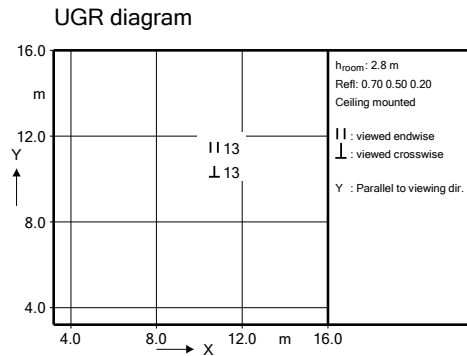
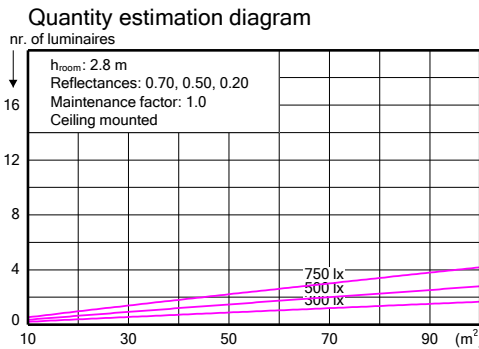
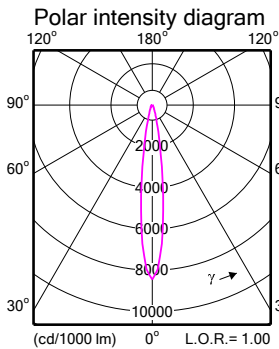
Plane Cone	0.0	45.0	90.0
45.0	7948	7056	7268
50.0	5947	5187	5364
55.0	4283	3661	3804
60.0	3018	2519	2632
65.0	2052	1665	1751
70.0	1260	987	1045
75.0	943	705	754
80.0	1007	705	765
85.0	1056	671	740
90.0	1373	734	835

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 22K 220V L50 1xLED 15

1 x 17015 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

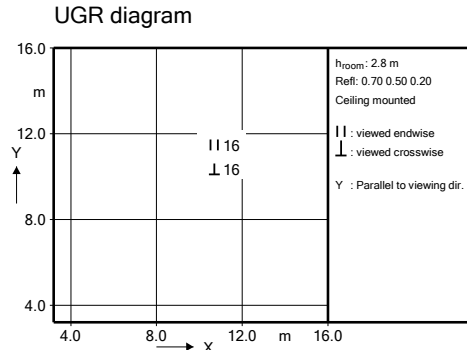
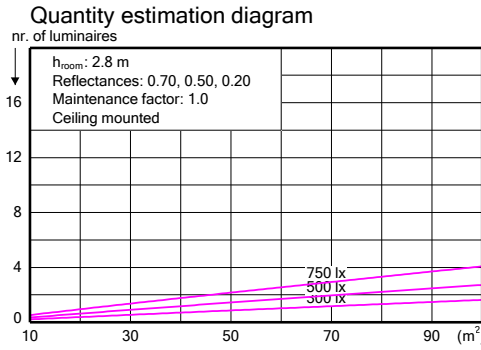
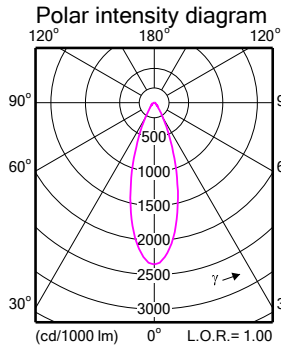
Plane Cone	0.0	45.0	90.0
45.0	7967	7073	7284
50.0	6108	5327	5510
55.0	4556	3894	4047
60.0	3194	2667	2786
65.0	2156	1749	1839
70.0	1310	1025	1087
75.0	912	681	729
80.0	857	600	651
85.0	838	532	588
90.0	994	532	605

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 22K 220V L50 1xLED 30

1 x 17620 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

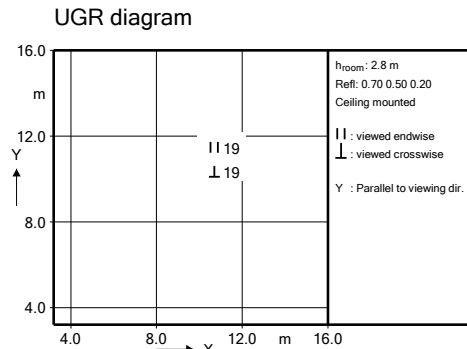
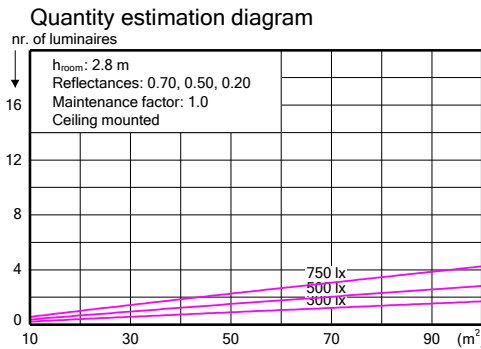
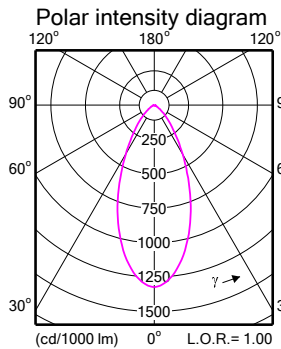
Plane Cone	0.0	45.0	90.0
45.0	9271	8230	8477
50.0	7417	6469	6690
55.0	5749	4914	5106
60.0	4302	3591	3752
65.0	3193	2591	2724
70.0	2236	1751	1855
75.0	1654	1236	1323
80.0	1315	922	999
85.0	1141	725	800
90.0	1302	696	792

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 22K 220V L50 1xLED 45

1 x 17015 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

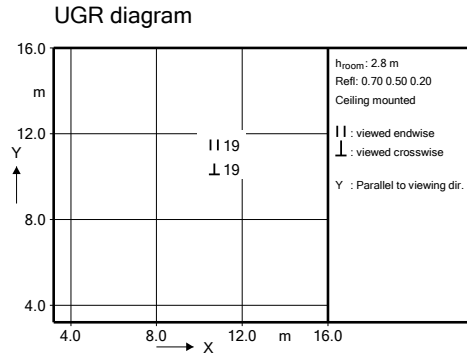
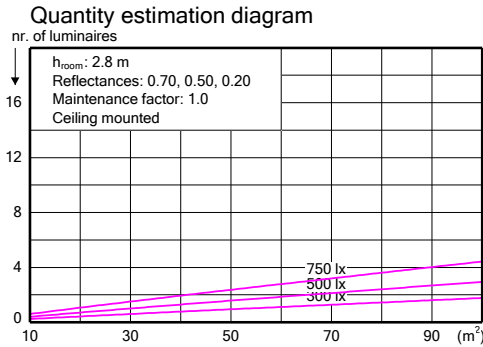
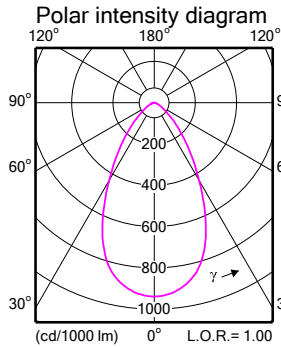
Plane Cone	0.0	45.0	90.0
45.0	17241	15306	15765
50.0	11728	10229	10579
55.0	7726	6604	6862
60.0	4877	4071	4254
65.0	2883	2340	2460
70.0	1343	1052	1114
75.0	771	577	617
80.0	801	561	608
85.0	908	577	637
90.0	1192	637	725

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 22K 220V L50 1xLED 60

1 x 16610 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19982	17739	18270
50.0	13772	12011	12422
55.0	9547	8160	8479
60.0	7039	5876	6139
65.0	5216	4232	4449
70.0	3620	2834	3003
75.0	2432	1818	1945
80.0	1737	1217	1319
85.0	1284	816	901
90.0	1286	687	782

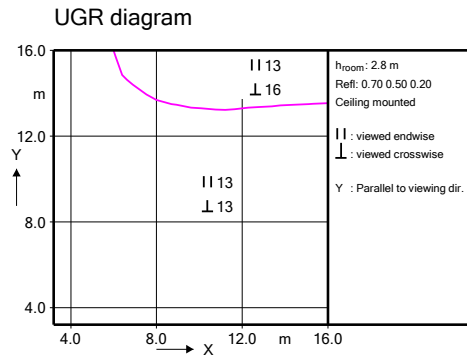
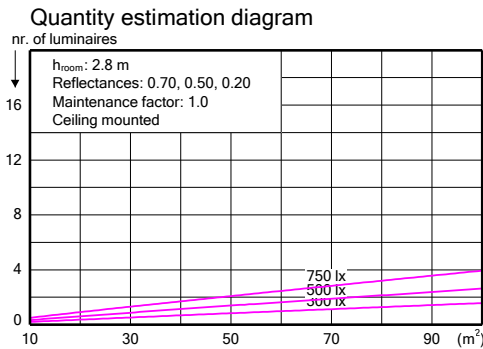
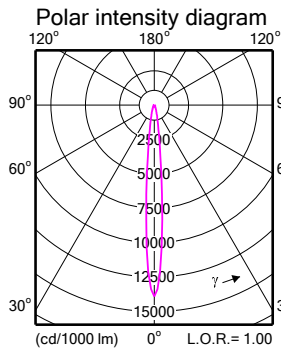
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

BVP359 D 120LED 27K 220V L50 1xLED 10

1 x 18075 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8866	7871	8106
50.0	6633	5785	5983
55.0	4778	4084	4243
60.0	3366	2810	2935
65.0	2289	1857	1953
70.0	1405	1100	1166
75.0	1051	786	841
80.0	1123	787	853
85.0	1178	748	826
90.0	1532	819	931

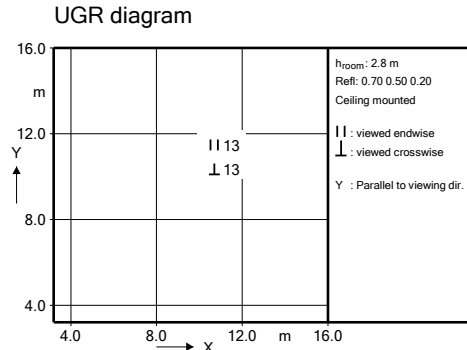
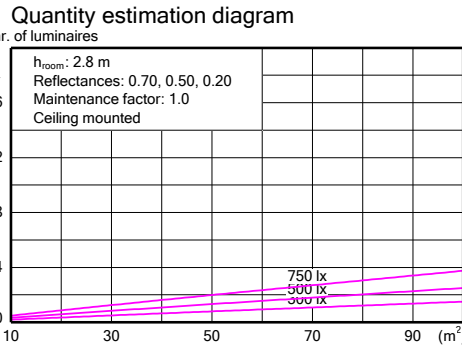
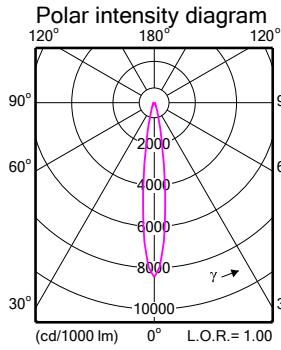
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

BVP359 D 120LED 27K 220V L50 1xLED 15

1 x 18975 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

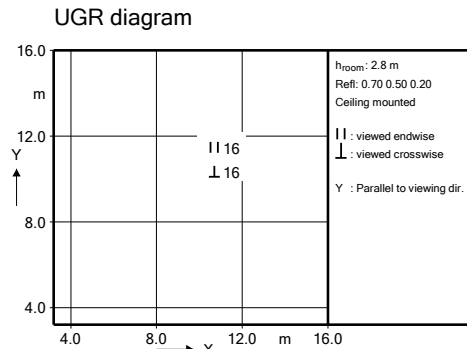
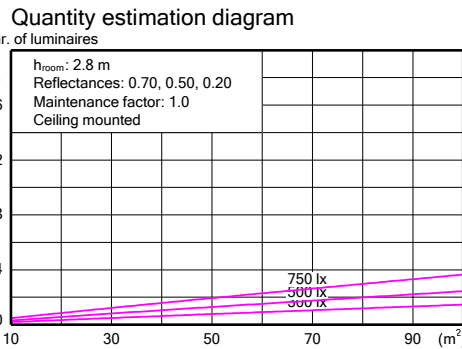
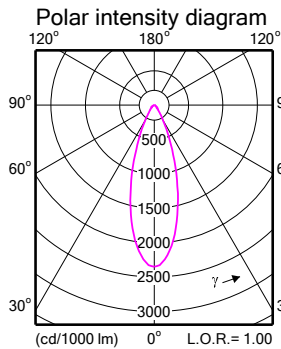
Plane Cone	0.0	45.0	90.0
45.0	8885	7887	8124
50.0	6812	5941	6144
55.0	5081	4343	4513
60.0	3562	2974	3107
65.0	2404	1950	2051
70.0	1460	1144	1212
75.0	1017	760	813
80.0	955	669	726
85.0	934	593	655
90.0	1109	593	674

(cd/m2)

2021-08-30

BVP359 D 120LED 27K 220V L50 1xLED 30

1 x 19655 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

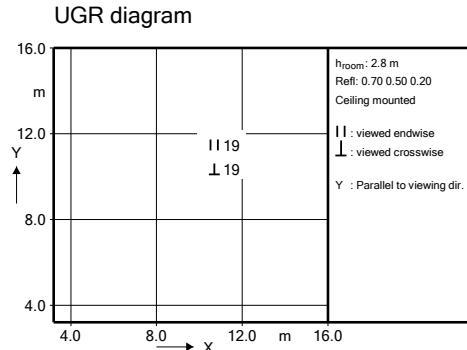
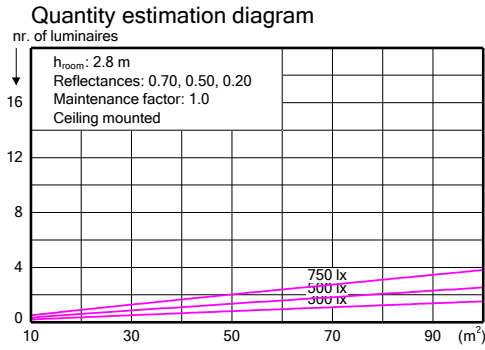
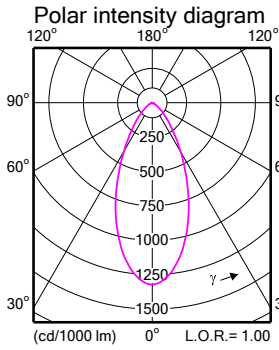
Plane Cone	0.0	45.0	90.0
45.0	10342	9181	9456
50.0	8274	7216	7463
55.0	6413	5482	5696
60.0	4799	4006	4185
65.0	3562	2890	3038
70.0	2495	1953	2070
75.0	1845	1379	1475
80.0	1467	1028	1115
85.0	1273	808	893
90.0	1453	777	883

(cd/m2)

2021-08-30

BVP359 D 120LED 27K 220V L50 1xLED 45

1 x 18975 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

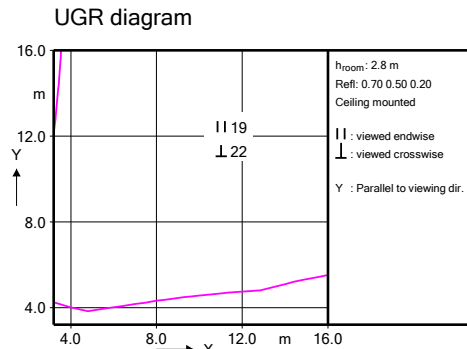
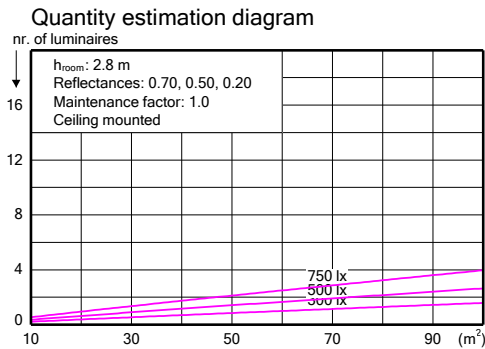
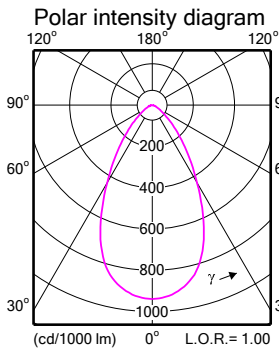
Plane Cone	0.0	45.0	90.0
45.0	19227	17069	17581
50.0	13079	11407	11798
55.0	8616	7364	7652
60.0	5439	4540	4743
65.0	3216	2609	2743
70.0	1498	1173	1243
75.0	860	643	688
80.0	893	626	678
85.0	1012	643	710
90.0	1329	711	808

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 27K 220V L50 1xLED 60

1 x 18525 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

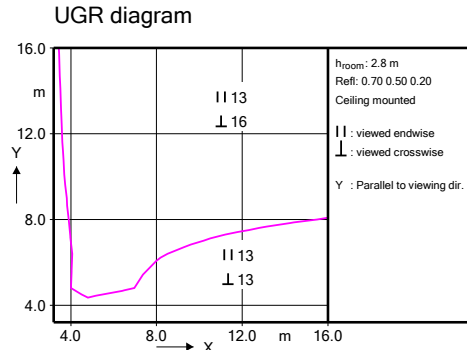
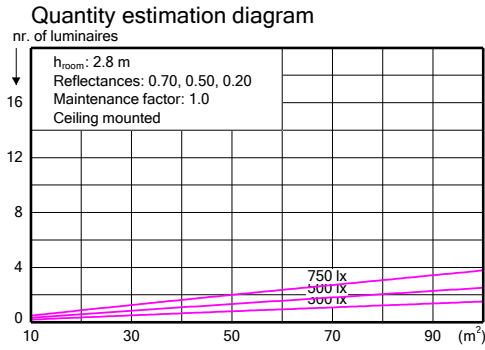
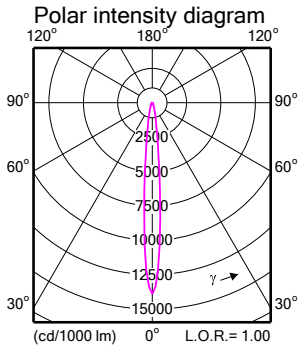
Plane Cone	0.0	45.0	90.0
45.0	22286	19784	20377
50.0	15359	13396	13855
55.0	10648	9101	9457
60.0	7850	6553	6846
65.0	5817	4720	4962
70.0	4037	3161	3349
75.0	2712	2028	2170
80.0	1937	1357	1471
85.0	1433	910	1005
90.0	1434	767	872

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 30K 220V L50 1xLED 10

1 x 18850 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

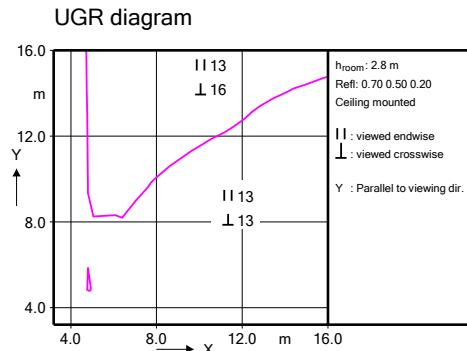
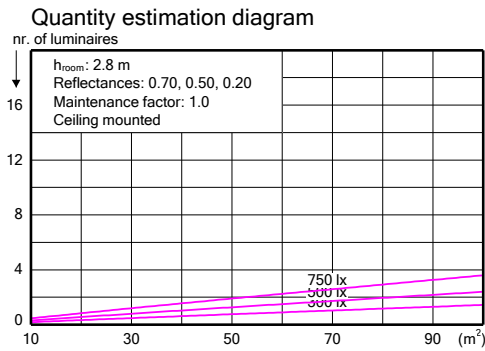
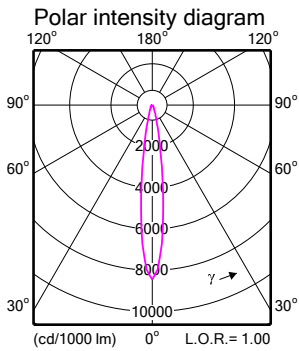
Plane Cone	0.0	45.0	90.0
45.0	9246	8208	8454
50.0	6918	6033	6240
55.0	4983	4259	4425
60.0	3510	2930	3061
65.0	2387	1937	2036
70.0	1465	1148	1216
75.0	1096	820	877
80.0	1171	820	889
85.0	1228	780	861
90.0	1598	854	971

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 30K 220V L50 1xLED 15

1 x 19795 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

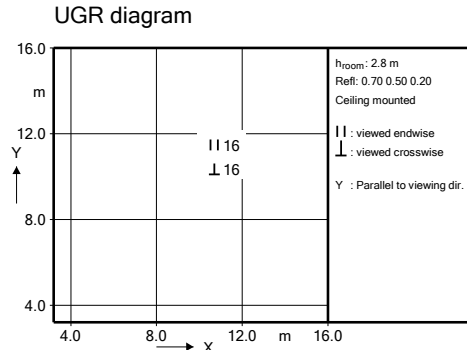
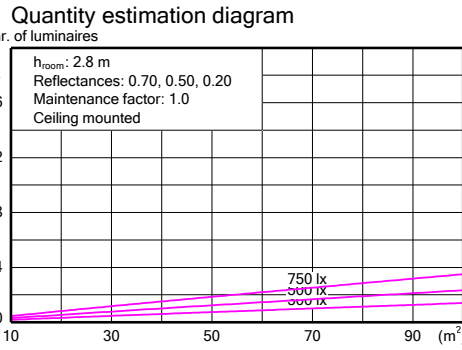
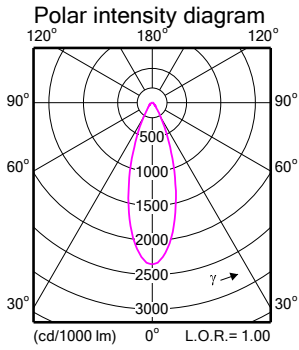
Plane Cone	0.0	45.0	90.0
45.0	9268	8228	8475
50.0	7106	6198	6410
55.0	5301	4531	4708
60.0	3716	3102	3241
65.0	2508	2035	2139
70.0	1524	1193	1264
75.0	1061	793	848
80.0	997	698	757
85.0	975	619	684
90.0	1157	619	703

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 30K 220V L50 1xLED 30

1 x 20500 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

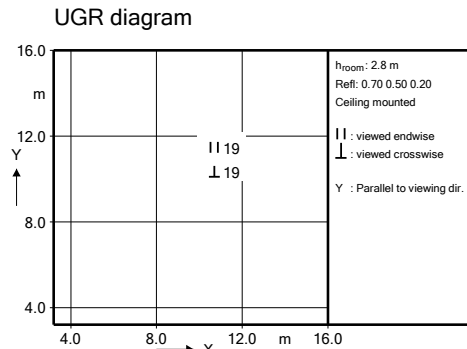
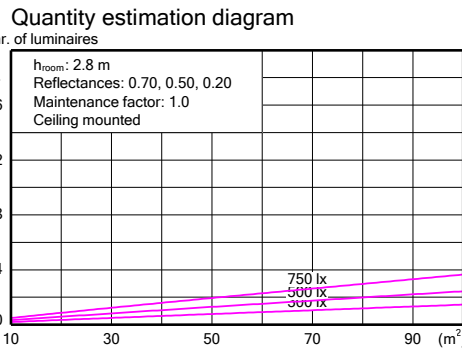
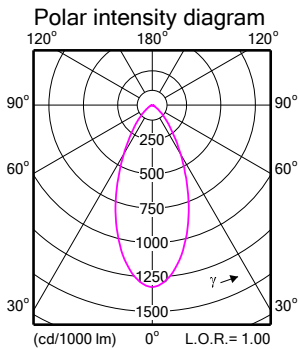
Plane Cone	0.0	45.0	90.0
45.0	10786	9576	9862
50.0	8629	7526	7784
55.0	6689	5717	5941
60.0	5005	4178	4365
65.0	3715	3014	3169
70.0	2602	2037	2159
75.0	1924	1438	1539
80.0	1530	1072	1162
85.0	1328	843	931
90.0	1515	810	921

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 30K 220V L50 1xLED 45

1 x 19795 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

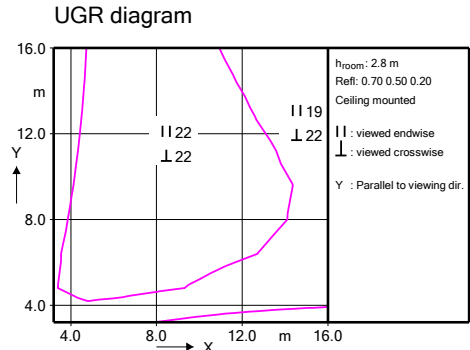
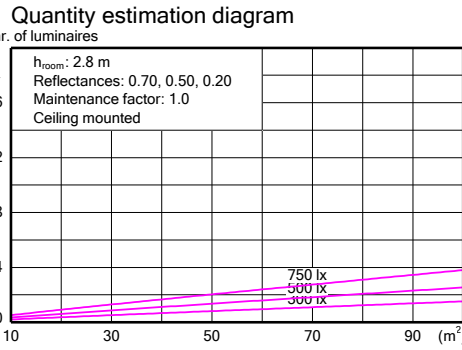
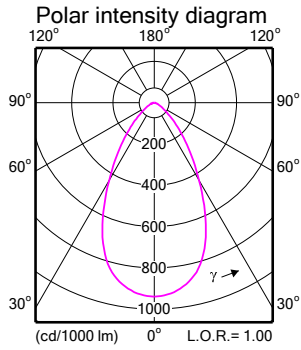
Plane Cone	0.0	45.0	90.0
45.0	20058	17807	18340
50.0	13644	11900	12308
55.0	8989	7683	7983
60.0	5674	4737	4948
65.0	3355	2722	2862
70.0	1562	1224	1296
75.0	897	671	718
80.0	932	653	708
85.0	1056	671	741
90.0	1387	741	843

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 30K 220V L50 1xLED 60

1 x 19325 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

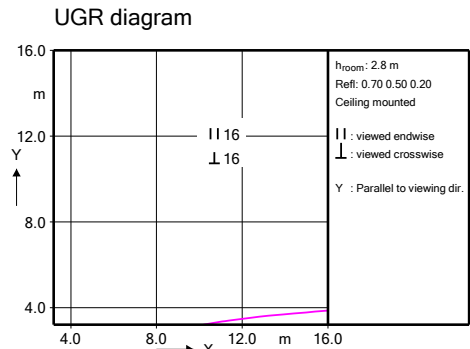
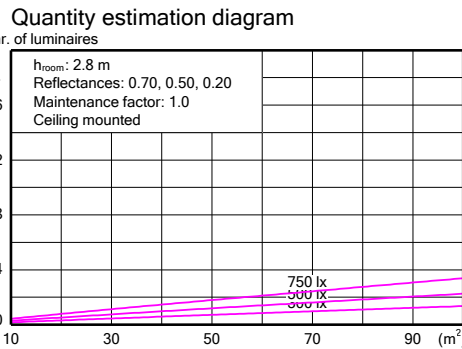
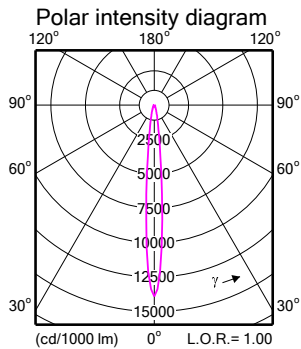
Plane Cone	0.0	45.0	90.0
45.0	23248	20639	21257
50.0	16023	13974	14453
55.0	11108	9494	9865
60.0	8189	6836	7142
65.0	6068	4924	5177
70.0	4211	3298	3494
75.0	2830	2115	2263
80.0	2020	1416	1535
85.0	1494	949	1048
90.0	1496	800	909

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 40K 220V L50 1xLED 10

1 x 21035 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10317	9159	9434
50.0	7720	6733	6963
55.0	5560	4752	4938
60.0	3917	3270	3416
65.0	2664	2161	2272
70.0	1636	1281	1357
75.0	1223	915	979
80.0	1307	916	992
85.0	1370	870	961
90.0	1783	953	1084

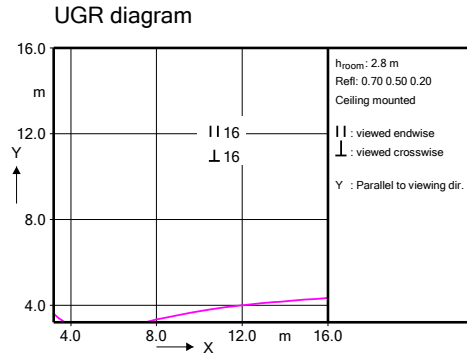
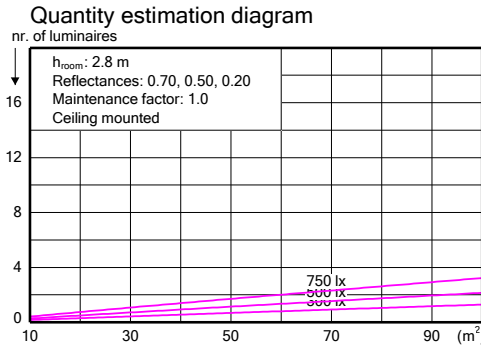
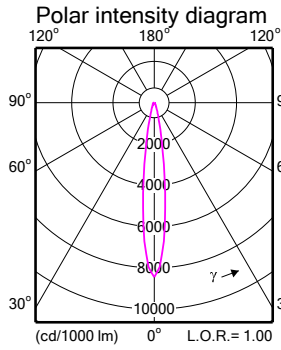
(cd/m<sup>2</sup>)

2021-08-30



BVP359 D 120LED 40K 220V L50 1xLED 15

1 x 22085 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

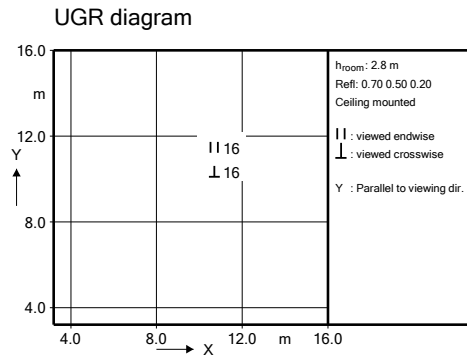
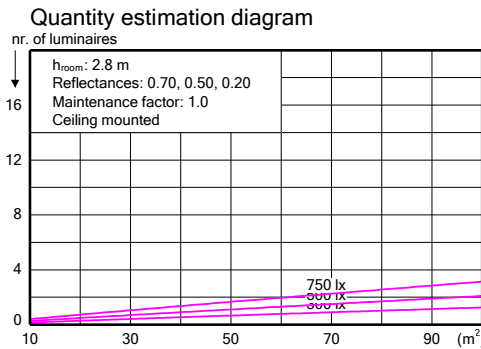
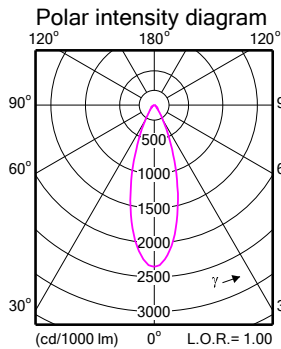
Plane Cone	0.0	45.0	90.0
45.0	10341	9180	9455
50.0	7928	6915	7151
55.0	5914	5055	5253
60.0	4146	3461	3616
65.0	2798	2270	2387
70.0	1760	1331	1410
75.0	1183	885	946
80.0	1112	779	845
85.0	1088	691	763
90.0	1291	690	785

(cd/m2)

2021-08-30

BVP359 D 120LED 40K 220V L50 1xLED 30

1 x 22875 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

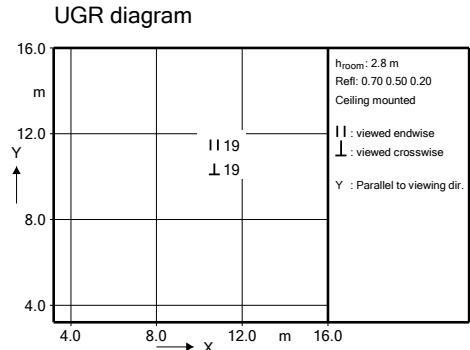
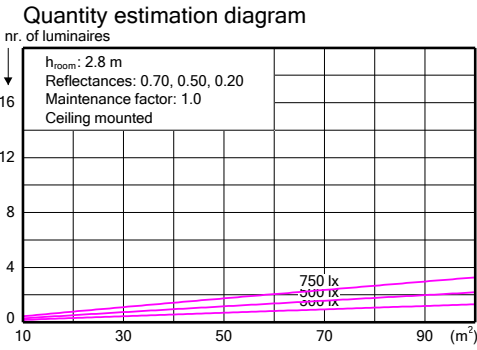
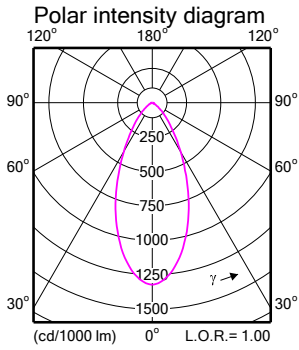
Plane Cone	0.0	45.0	90.0
45.0	12036	10685	11005
50.0	9629	8398	8686
55.0	7464	6380	6629
60.0	5585	4662	4871
65.0	4145	3363	3536
70.0	2903	2273	2409
75.0	2147	1605	1717
80.0	1708	1197	1297
85.0	1481	941	1039
90.0	1691	904	1028

(cd/m2)

2021-08-30

BVP359 D 120LED 40K 220V L50 1xLED 45

1 x 22085 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

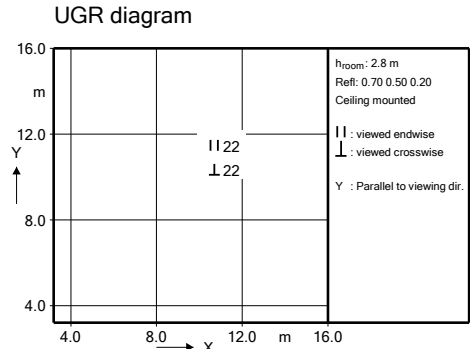
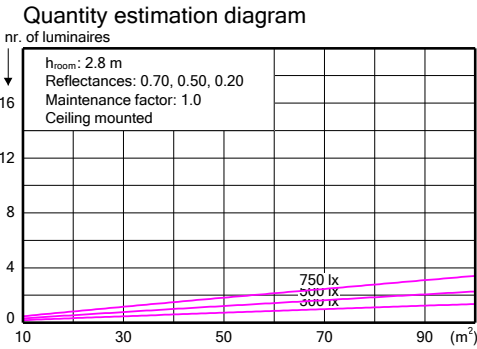
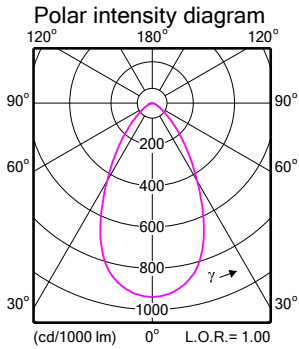
Plane Cone	0.0	45.0	90.0
45.0	22379	19867	20462
50.0	15223	13277	13731
55.0	10028	8571	8907
60.0	6331	5285	5521
65.0	3743	3037	3193
70.0	1743	1365	1446
75.0	1001	748	801
80.0	1039	728	790
85.0	1178	748	826
90.0	1547	827	941

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 40K 220V L50 1xLED 60

1 x 21560 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

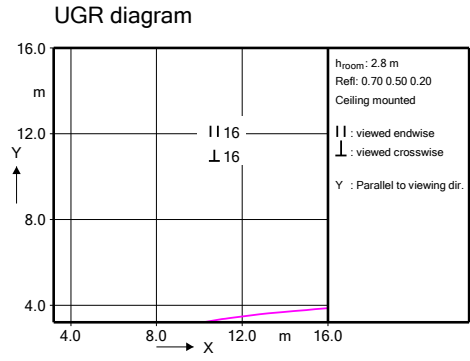
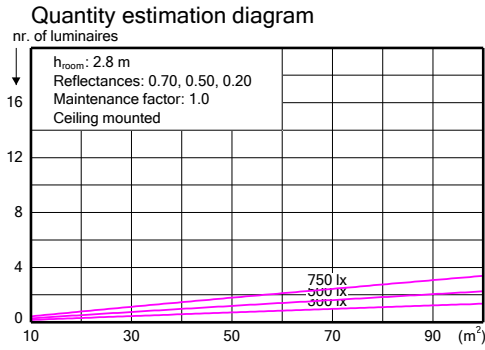
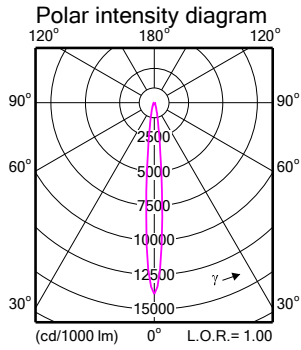
Plane Cone	0.0	45.0	90.0
45.0	25937	23026	23715
50.0	17876	15590	16124
55.0	12393	10592	11006
60.0	9137	7627	7968
65.0	6770	5493	5775
70.0	4698	3679	3898
75.0	3157	2360	2525
80.0	2254	1579	1712
85.0	1667	1059	1169
90.0	1669	892	1015

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 50K 220V L50 1xLED 10

1 x 21035 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

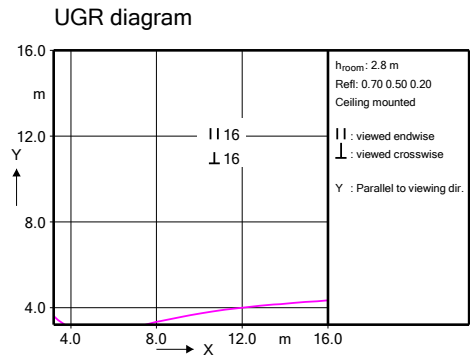
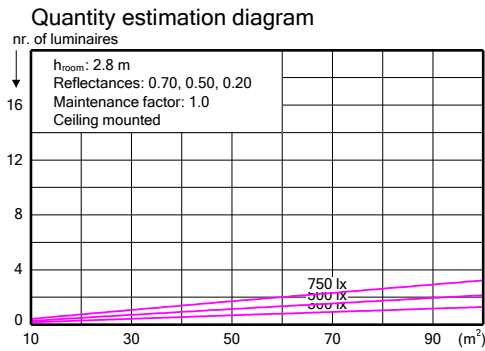
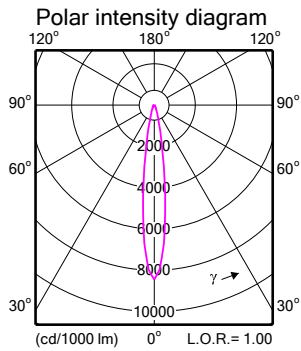
Plane Cone	0.0	45.0	90.0
45.0	10317	9159	9434
50.0	7720	6733	6963
55.0	5560	4752	4938
60.0	3917	3270	3416
65.0	2664	2161	2272
70.0	1636	1281	1357
75.0	1223	915	979
80.0	1307	916	992
85.0	1370	870	961
90.0	1783	953	1084

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 50K 220V L50 1xLED 15

1 x 22085 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

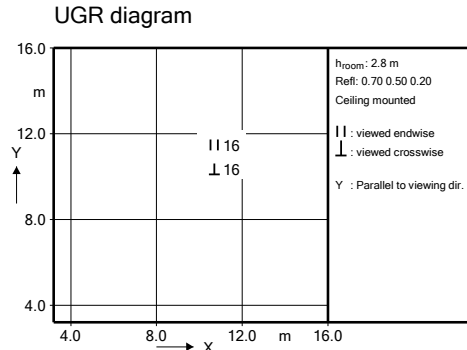
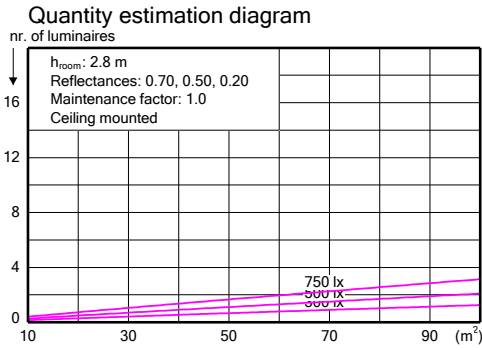
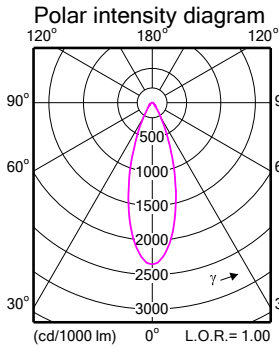
Plane Cone	0.0	45.0	90.0
45.0	10341	9180	9455
50.0	7928	6915	7151
55.0	5914	5055	5253
60.0	4146	3461	3616
65.0	2798	2270	2387
70.0	1700	1331	1410
75.0	1183	885	946
80.0	1112	779	845
85.0	1088	691	763
90.0	1291	690	785

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 50K 220V L50 1xLED 30

1 x 22875 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

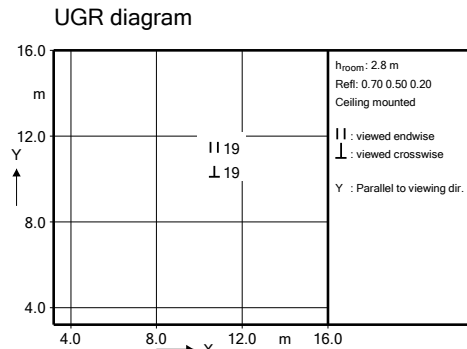
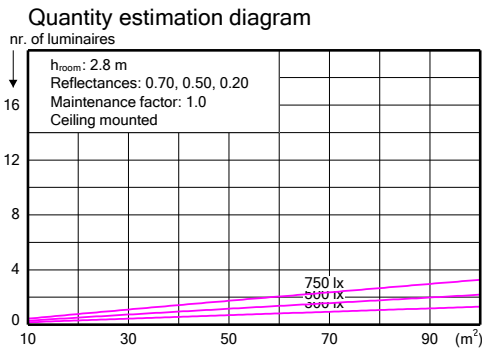
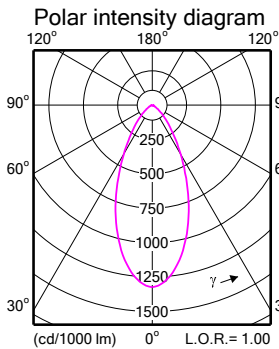
Plane Cone	0.0	45.0	90.0
45.0	12036	10885	11005
50.0	9629	8398	8686
55.0	7464	6380	6629
60.0	5585	4662	4871
65.0	4145	3363	3536
70.0	2903	2273	2409
75.0	2147	1605	1717
80.0	1708	1197	1297
85.0	1481	941	1039
90.0	1691	904	1028

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 50K 220V L50 1xLED 45

1 x 22085 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

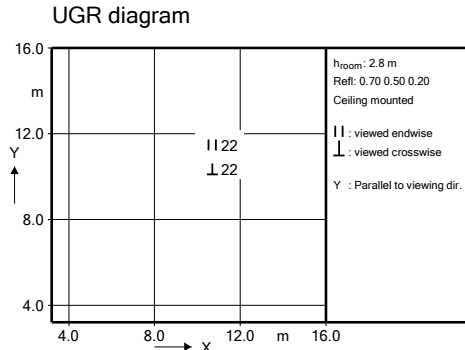
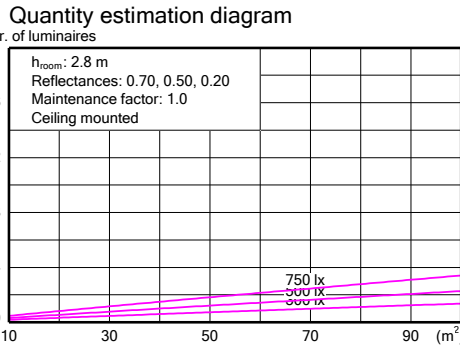
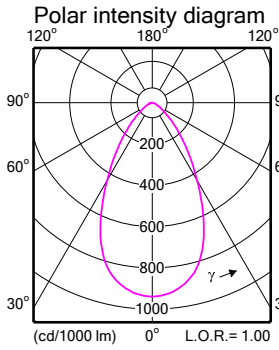
Plane Cone	0.0	45.0	90.0
45.0	22379	19867	20462
50.0	15223	13277	13731
55.0	10028	8571	8907
60.0	6331	5285	5521
65.0	3743	3037	3193
70.0	1743	1365	1446
75.0	1001	748	801
80.0	1039	728	790
85.0	1178	748	826
90.0	1547	827	941

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 50K 220V L50 1xLED 60

1 x 21560 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57	0.57	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64	0.64	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.79	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95

Ceiling mounted

Luminance Table

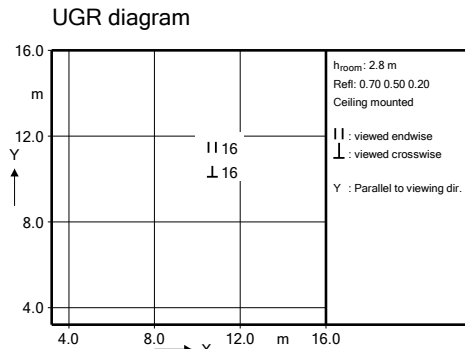
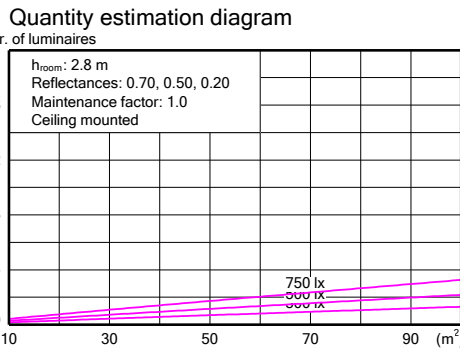
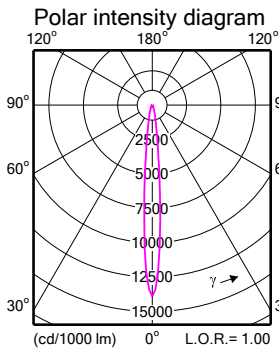
Plane Cone	0.0	45.0	90.0
45.0	25937	23026	23715
50.0	17876	15590	16124
55.0	12393	10592	11006
60.0	9137	7627	7968
65.0	6770	5493	5775
70.0	4698	3679	3898
75.0	3157	2360	2525
80.0	2254	1579	1712
85.0	1667	1059	1169
90.0	1669	892	1015

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 57K 220V L50 1xLED 10

1 x 21815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

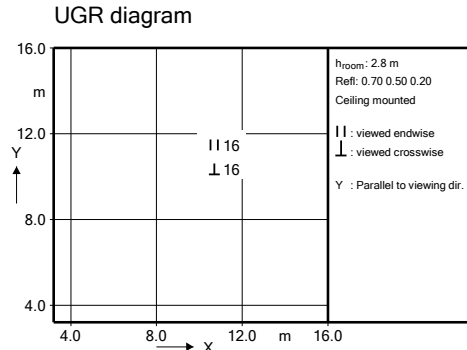
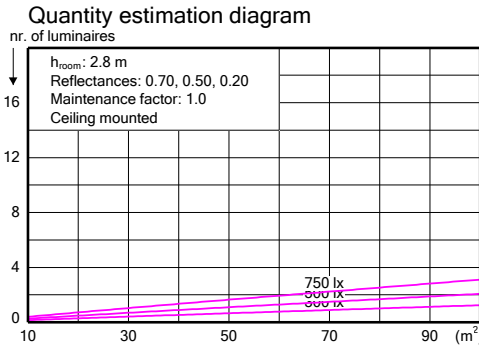
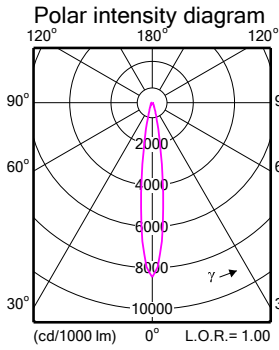
Plane Cone	0.0	45.0	90.0
45.0	10700	9499	9784
50.0	8006	6982	7221
55.0	5766	4929	5121
60.0	4062	3391	3543
65.0	2762	2241	2357
70.0	1696	1328	1407
75.0	1269	949	1015
80.0	1355	949	1029
85.0	1421	903	997
90.0	1849	989	1124

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 57K 220V L50 1xLED 15

1 x 22905 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

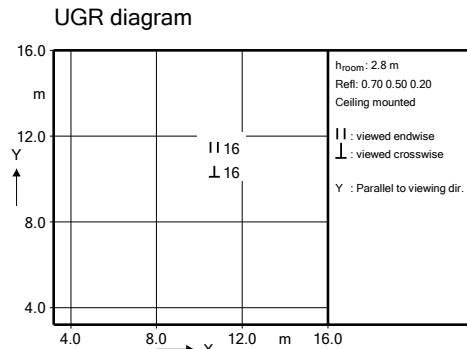
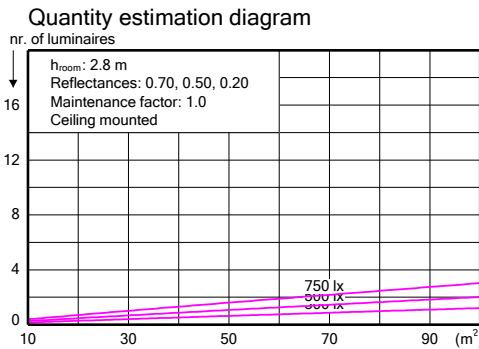
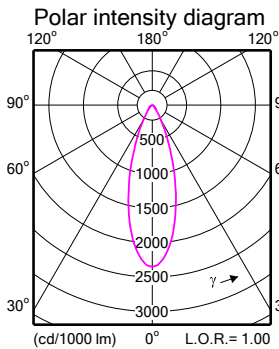
Plane Cone	0.0	45.0	90.0
45.0	10725	9521	9806
50.0	8223	7171	7417
55.0	6134	5243	5448
60.0	4300	3590	3750
65.0	2902	2354	2475
70.0	1763	1380	1463
75.0	1227	917	982
80.0	1153	808	876
85.0	1128	716	791
90.0	1338	716	814

(cd/m2)

2021-08-30

BVP359 D 120LED 57K 220V L50 1xLED 30

1 x 23720 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

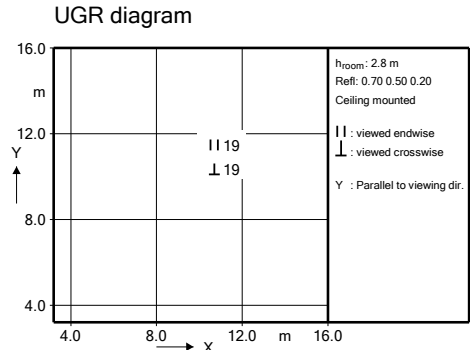
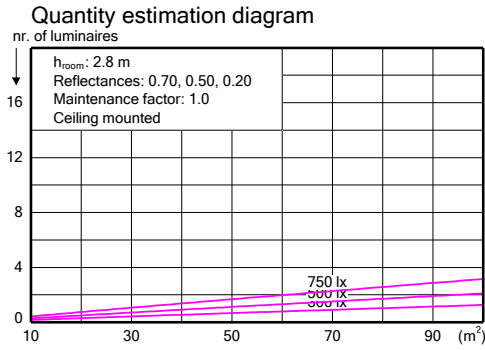
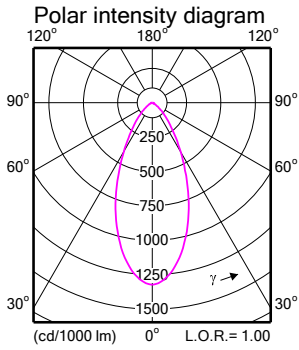
Plane Cone	0.0	45.0	90.0
45.0	12480	11080	11411
50.0	9985	8708	9006
55.0	7740	6615	6874
60.0	5791	4835	5051
65.0	4298	3488	3667
70.0	3011	2357	2498
75.0	2226	1664	1781
80.0	1771	1241	1345
85.0	1536	976	1077
90.0	1753	938	1066

(cd/m2)

2021-08-30

BVP359 D 120LED 57K 220V L50 1xLED 45

1 x 22905 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

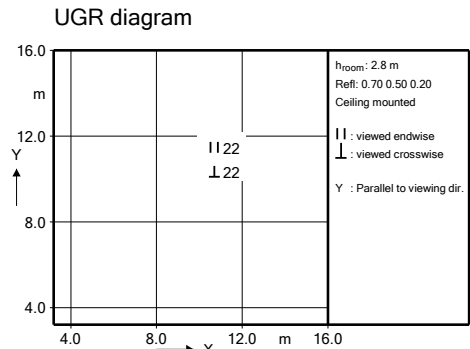
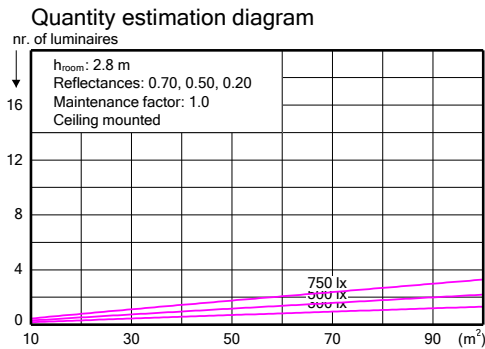
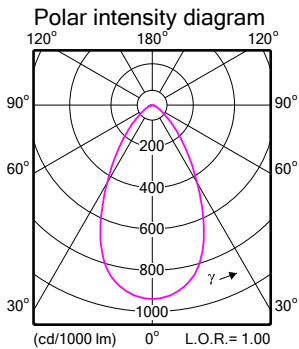
Plane Cone	0.0	45.0	90.0
45.0	23210	20605	21222
50.0	15788	13770	14241
55.0	10401	8890	9237
60.0	6566	5481	5726
65.0	3882	3150	3311
70.0	1808	1416	1500
75.0	1038	776	831
80.0	1078	755	819
85.0	1222	776	857
90.0	1604	858	975

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 57K 220V L50 1xLED 60

1 x 22360 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

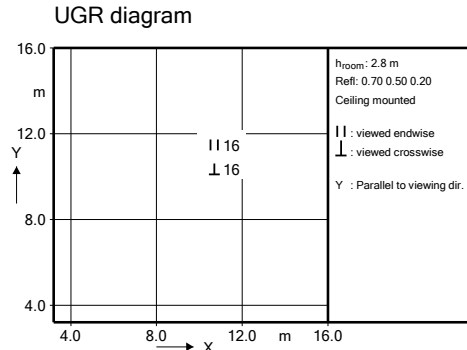
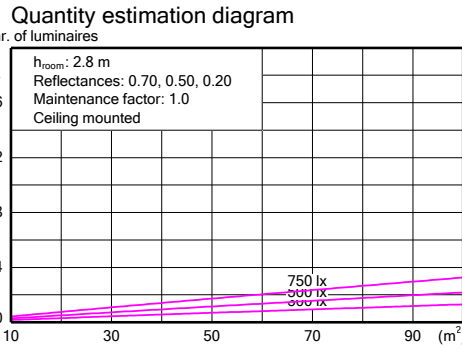
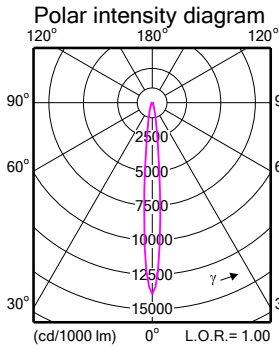
Plane Cone	0.0	45.0	90.0
45.0	26899	23880	24595
50.0	18539	16169	16723
55.0	12853	10985	11415
60.0	9476	7910	8264
65.0	7021	5697	5990
70.0	4873	3816	4043
75.0	3274	2447	2619
80.0	2338	1638	1776
85.0	1729	1098	1213
90.0	1731	925	1052

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 65K 220V L50 1xLED 10

1 x 21815 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

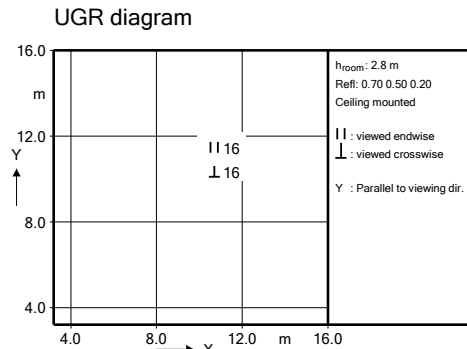
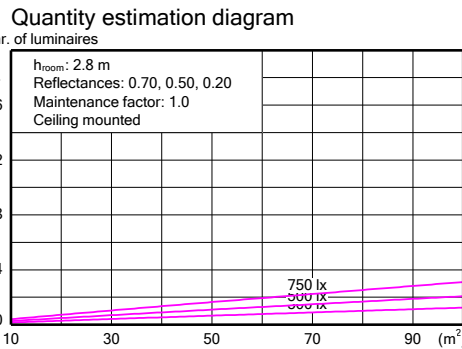
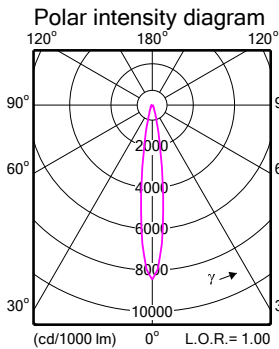
Plane Cone	0.0	45.0	90.0
45.0	10700	9499	9784
50.0	8006	6982	7221
55.0	5766	4929	5121
60.0	4062	3391	3543
65.0	2762	2241	2357
70.0	1696	1328	1407
75.0	1269	949	1015
80.0	1355	949	1029
85.0	1421	903	997
90.0	1849	989	1124

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 65K 220V L50 1xLED 15

1 x 22905 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10725	9521	9806
50.0	8223	7171	7417
55.0	6134	5243	5448
60.0	4300	3590	3750
65.0	2902	2354	2475
70.0	1763	1380	1463
75.0	1227	917	982
80.0	1153	808	876
85.0	1128	716	791
90.0	1338	716	814

(cd/m<sup>2</sup>)

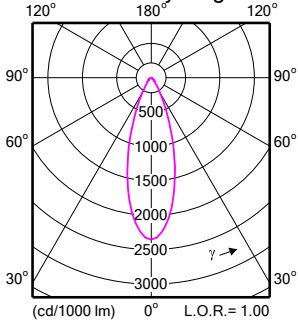
2021-08-30



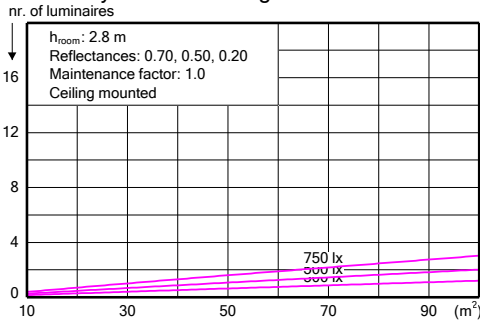
BVP359 D 120LED 65K 220V L50 1xLED 30

1 x 23720 lm

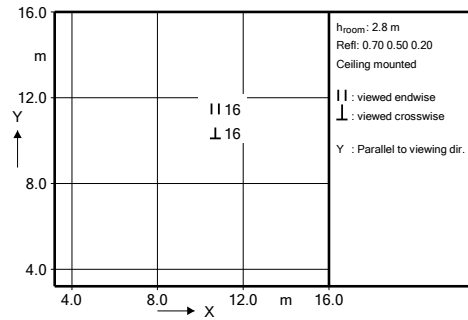
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12480	11080	11411
50.0	9985	8708	9006
55.0	7740	6615	6874
60.0	5791	4835	5051
65.0	4298	3488	3667
70.0	3011	2357	2498
75.0	2226	1664	1781
80.0	1771	1241	1345
85.0	1536	976	1077
90.0	1753	938	1066

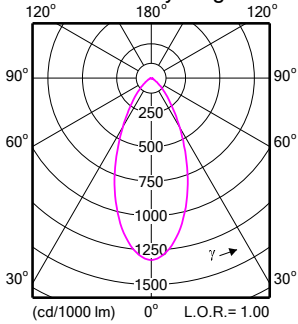
(cd/m<sup>2</sup>)

2021-08-30

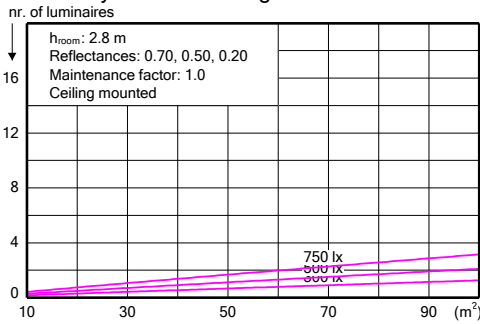
BVP359 D 120LED 65K 220V L50 1xLED 45

1 x 22905 lm

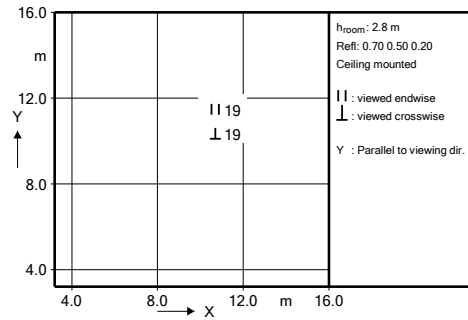
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

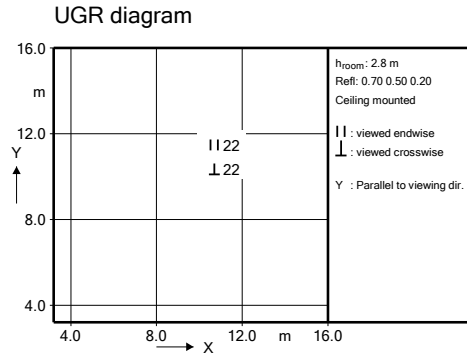
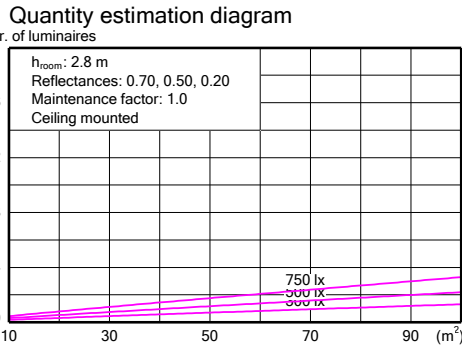
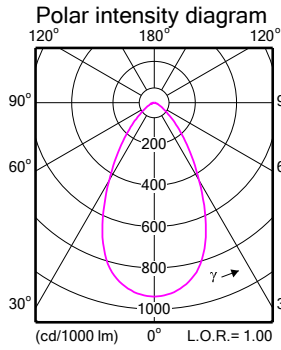
Plane Cone	0.0	45.0	90.0
45.0	23210	20605	21222
50.0	15788	13770	14241
55.0	10401	8890	9237
60.0	6566	5481	5726
65.0	3882	3150	3311
70.0	1808	1416	1500
75.0	1038	776	831
80.0	1078	755	819
85.0	1222	776	857
90.0	1604	858	975

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED 65K 220V L50 1xLED 60

1 x 22360 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

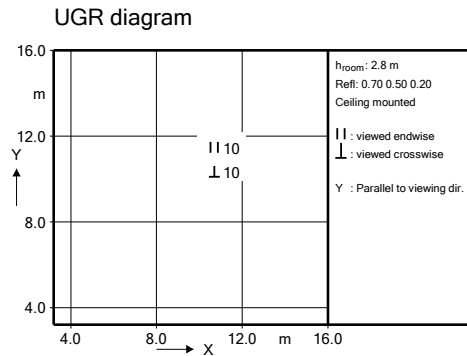
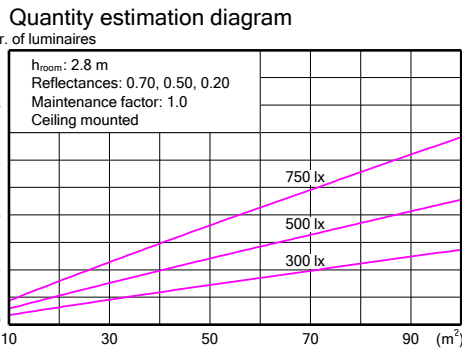
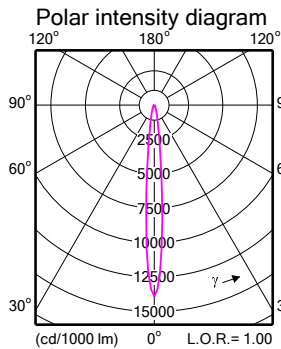
Plane Cone	0.0	45.0	90.0
45.0	26899	23880	24595
50.0	18539	16169	16723
55.0	12853	10985	11415
60.0	9476	7910	8264
65.0	7021	5697	5990
70.0	4873	3816	4043
75.0	3274	2447	2619
80.0	2338	1638	1776
85.0	1729	1098	1213
90.0	1731	925	1052

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED BL 220V L50 1xLED 10

1 x 5210 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2555	2269	2337
50.0	1912	1668	1725
55.0	1377	1177	1223
60.0	970	810	846
65.0	660	535	563
70.0	405	317	336
75.0	303	227	242
80.0	324	227	246
85.0	339	216	238
90.0	442	236	268

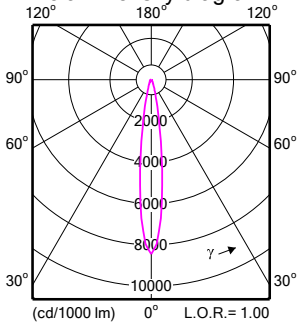
(cd/m<sup>2</sup>)

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BVP359 D 120LED BL 220V L50 1xLED 15

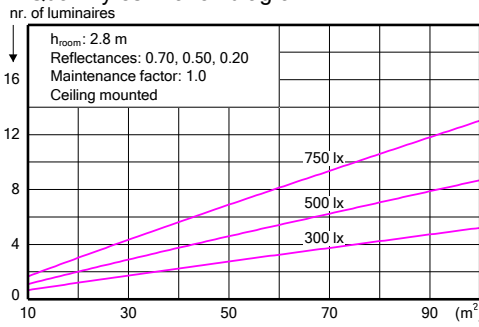
1 x 5470 lm

Polar intensity diagram

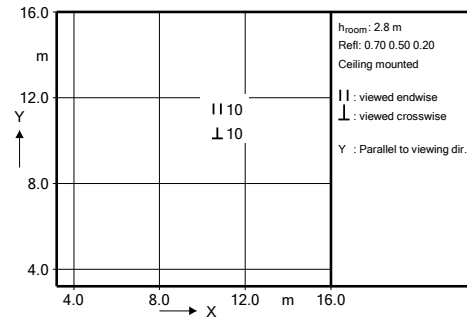


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



h<sub>room</sub>: 2.8 m  
 Refl: 0.70 0.50 0.20  
 Ceiling mounted  
 || : viewed endwise  
 ⊥ : viewed crosswise  
 Y : Parallel to viewing dir.

Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2561	2274	2342
50.0	1964	1713	1771
55.0	1465	1252	1301
60.0	1027	857	896
65.0	693	562	591
70.0	421	330	349
75.0	293	219	234
80.0	275	193	209
85.0	269	171	189
90.0	320	171	194

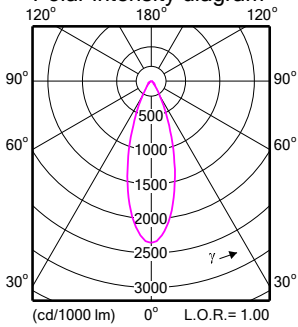
(cd/m<sup>2</sup>)

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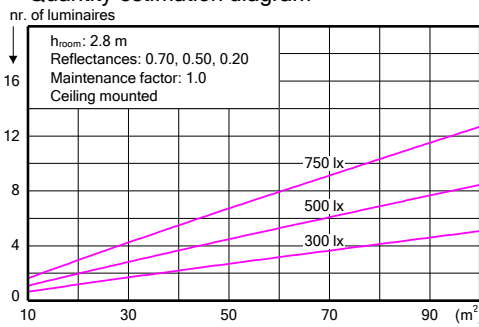
1 x 5665 lm

Polar intensity diagram

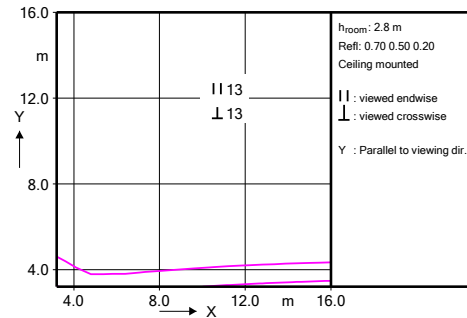


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



h<sub>room</sub>: 2.8 m  
 Refl: 0.70 0.50 0.20  
 Ceiling mounted  
 || : viewed endwise  
 ⊥ : viewed crosswise  
 Y : Parallel to viewing dir.

Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

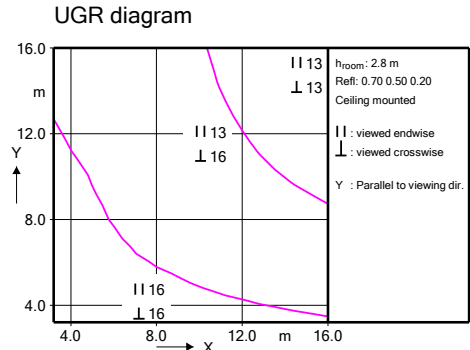
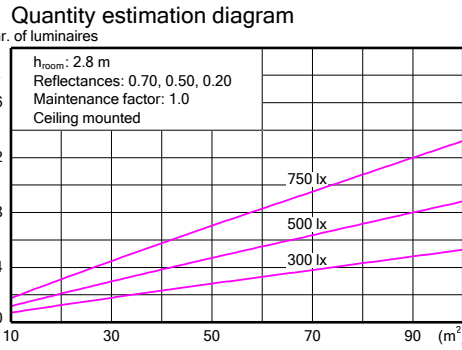
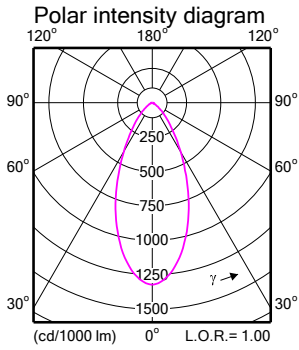
Plane Cone	0.0	45.0	90.0
45.0	2981	2646	2725
50.0	2385	2080	2151
55.0	1849	1580	1642
60.0	1383	1155	1206
65.0	1027	833	876
70.0	719	563	597
75.0	532	397	425
80.0	423	296	321
85.0	367	233	257
90.0	419	224	255

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED BL 220V L50 1xLED 45

1 x 5470 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

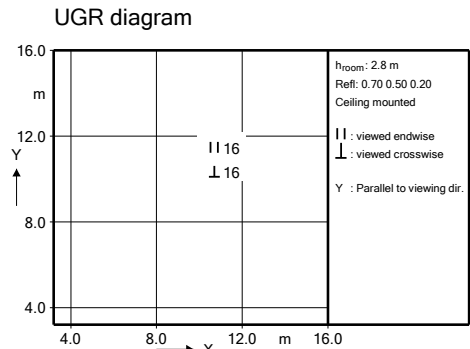
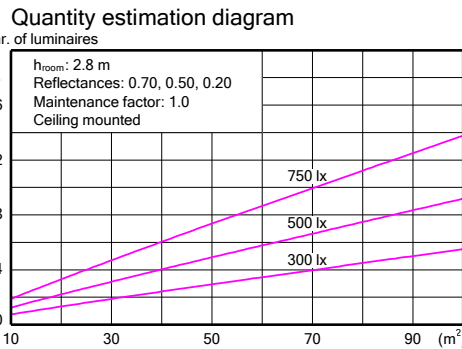
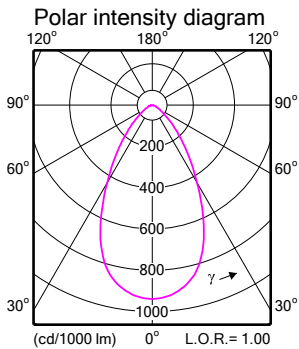
Plane Cone	0.0	45.0	90.0
45.0	5543	4921	5068
50.0	3770	3288	3401
55.0	2484	2123	2206
60.0	1568	1309	1367
65.0	927	752	791
70.0	432	338	358
75.0	248	185	198
80.0	257	180	196
85.0	292	185	205
90.0	383	205	233

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED BL 220V L50 1xLED 60

1 x 5340 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

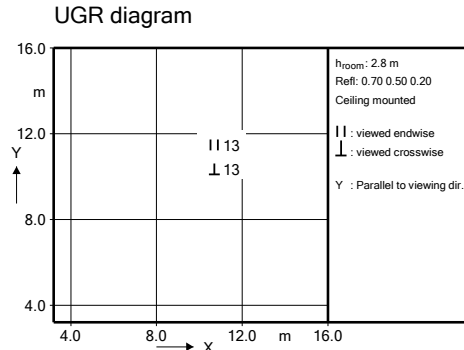
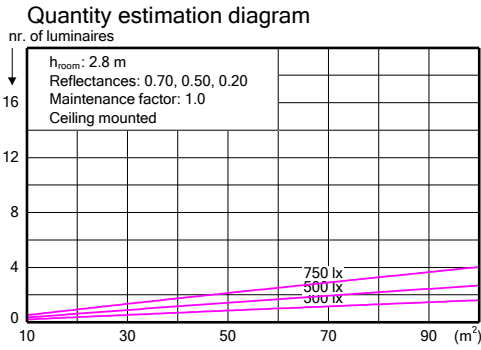
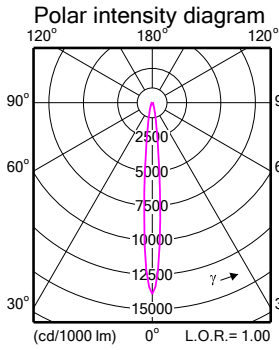
Plane Cone	0.0	45.0	90.0
45.0	6424	5703	5874
50.0	4427	3861	3994
55.0	3069	2623	2726
60.0	2263	1889	1974
65.0	1677	1361	1430
70.0	1164	911	965
75.0	782	584	625
80.0	558	391	424
85.0	413	262	290
90.0	413	221	251

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED GN 220V L50 1xLED 10

1 x 17660 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

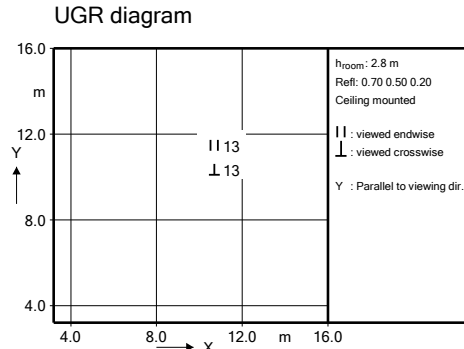
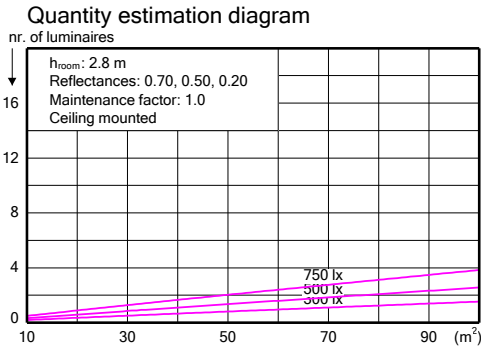
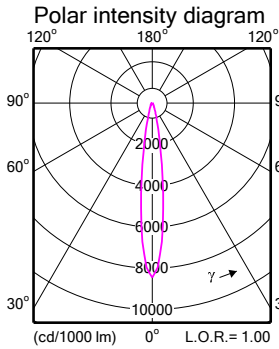
Plane Cone	0.0	45.0	90.0
45.0	8662	7690	7920
50.0	6481	5652	5846
55.0	4668	3990	4146
60.0	3289	2745	2868
65.0	2236	1814	1908
70.0	1373	1075	1139
75.0	1027	768	822
80.0	1097	769	833
85.0	1150	731	807
90.0	1497	800	910

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED GN 220V L50 1xLED 15

1 x 18545 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

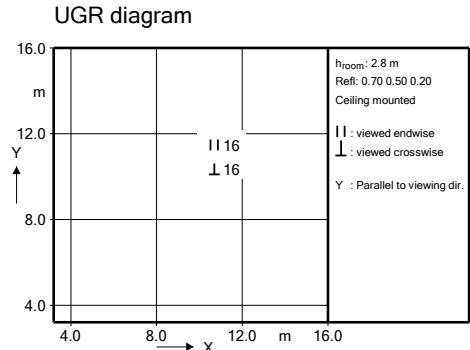
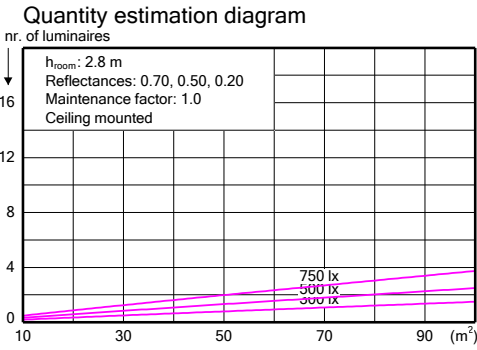
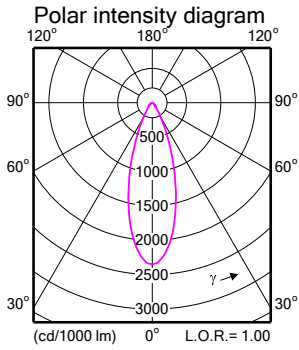
Plane Cone	0.0	45.0	90.0
45.0	8683	7709	7939
50.0	6657	5806	6005
55.0	4966	4245	4411
60.0	3482	2906	3036
65.0	2349	1906	2004
70.0	1427	1118	1184
75.0	994	743	795
80.0	934	654	709
85.0	913	580	641
90.0	1084	579	659

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED GN 220V L50 1xLED 30

1 x 19205 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

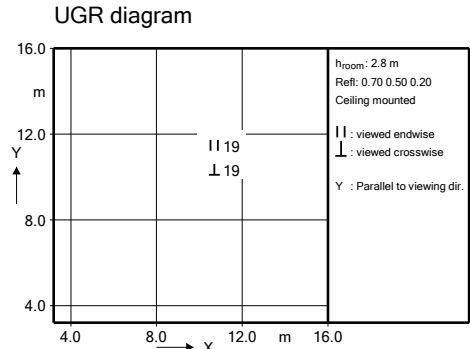
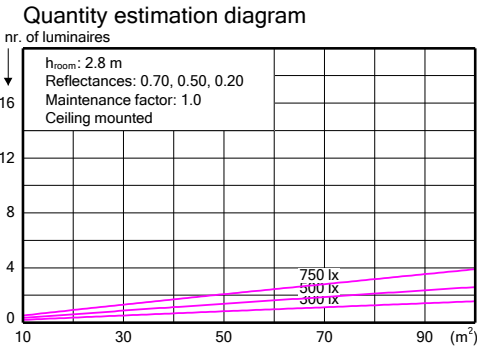
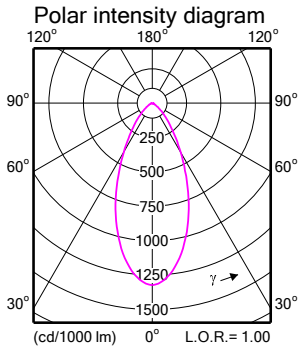
Plane Cone	0.0	45.0	90.0
45.0	10105	8971	9239
50.0	8084	7051	7292
55.0	6267	5356	5566
60.0	4689	3914	4089
65.0	3480	2824	2969
70.0	2437	1909	2022
75.0	1803	1347	1442
80.0	1434	1005	1089
85.0	1244	790	872
90.0	1420	759	863

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED GN 220V L50 1xLED 45

1 x 18545 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

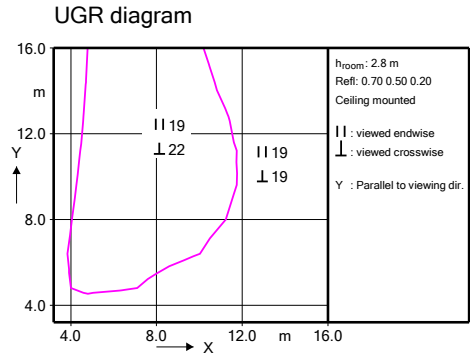
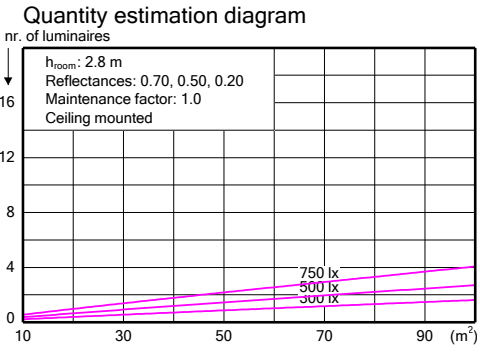
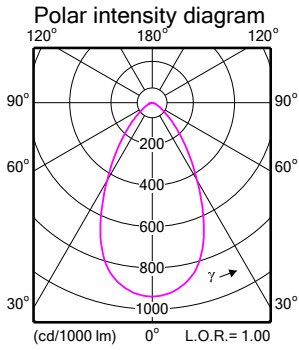
Plane Cone	0.0	45.0	90.0
45.0	18792	16683	17182
50.0	12783	11149	11530
55.0	8421	7198	7479
60.0	5316	4438	4636
65.0	3143	2550	2681
70.0	1464	1146	1214
75.0	841	628	672
80.0	873	612	663
85.0	989	628	694
90.0	1299	695	790

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 120LED GN 220V L50 1xLED 60

1 x 18100 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.00	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.50	0.50	0.30	0.30
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.57	0.57	0.30	0.30
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.61	0.58	0.30	0.30
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.69	0.65	0.30	0.30
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.75	0.72	0.30	0.30
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.77	0.74	0.30	0.30
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.81	0.81	0.30	0.30
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.85	0.85	0.30	0.30
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.85	0.85	0.30	0.30

Ceiling mounted

Luminance Table

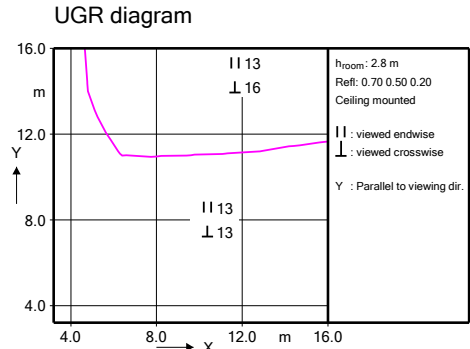
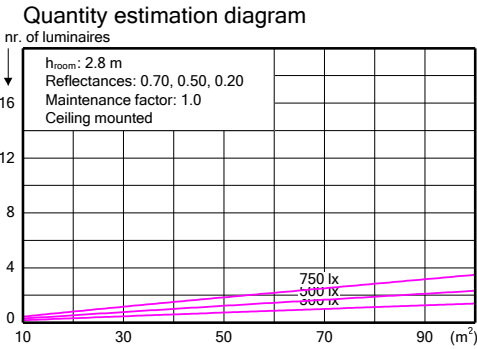
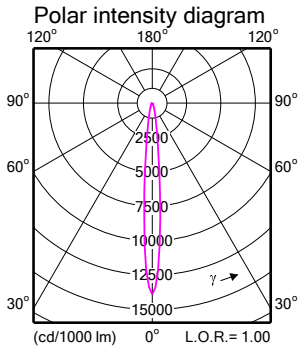
Plane Cone	0.0	45.0	90.0
45.0	21774	19330	19909
50.0	15007	13088	13537
55.0	10404	8892	9240
60.0	7670	6403	6689
65.0	5684	4612	4848
70.0	3944	3089	3273
75.0	2650	1981	2120
80.0	1892	1326	1437
85.0	1400	889	982
90.0	1401	749	852

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 22K 220V L57 1xLED 10

1 x 20410 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.00	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.50	0.50	0.30	0.30
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.57	0.57	0.30	0.30
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.61	0.69	0.30	0.30
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.69	0.65	0.30	0.30
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.75	0.72	0.30	0.30
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.77	0.74	0.30	0.30
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.81	0.81	0.30	0.30
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.85	0.85	0.30	0.30
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.85	0.85	0.30	0.30

Ceiling mounted

Luminance Table

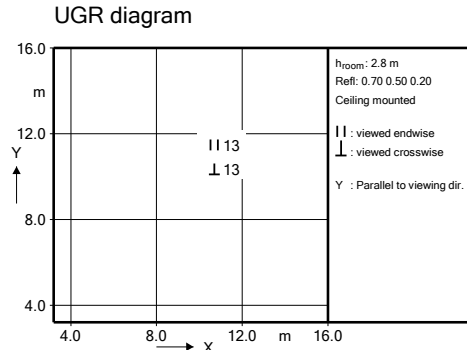
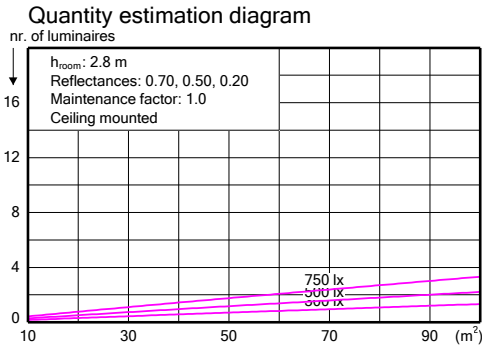
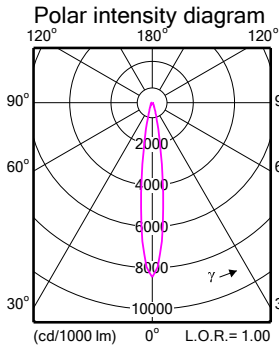
Plane Cone	0.0	45.0	90.0
45.0	8941	7884	8029
50.0	6709	5804	5927
55.0	4849	4104	4203
60.0	3430	2830	2908
65.0	2344	1875	1934
70.0	1449	1114	1155
75.0	1093	799	833
80.0	1183	803	845
85.0	1269	769	818
90.0	1730	851	923

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 22K 220V L57 1xLED 15

1 x 21430 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

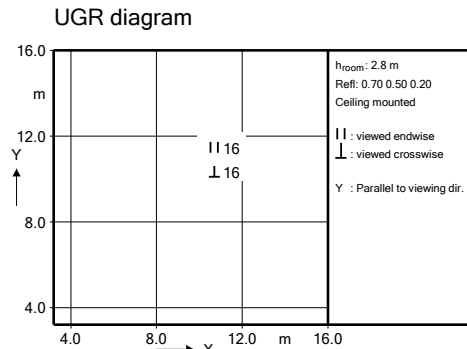
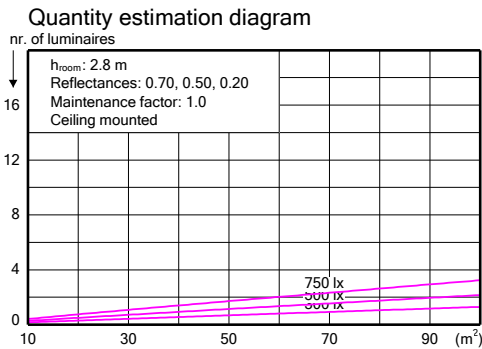
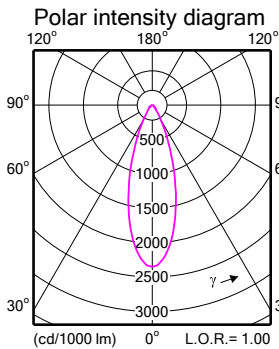
Plane Cone	0.0	45.0	90.0
45.0	8962	7902	8048
50.0	6891	5962	6087
55.0	5158	4366	4471
60.0	3631	2996	3078
65.0	2462	1969	2032
70.0	1506	1158	1200
75.0	1058	772	806
80.0	1007	684	719
85.0	1007	610	649
90.0	1252	616	668

(cd/m2)

2021-08-30

BVP359 D 144LED 22K 220V L57 1xLED 30

1 x 22195 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10430	9197	9366
50.0	8369	7240	7392
55.0	6509	5510	5642
60.0	4890	4035	4146
65.0	3648	2918	3010
70.0	2572	1978	2050
75.0	1919	1401	1462
80.0	1547	1050	1104
85.0	1372	831	884
90.0	1641	807	875

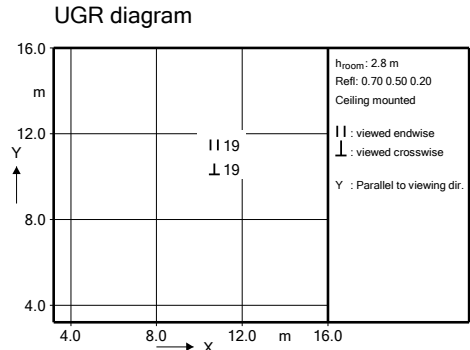
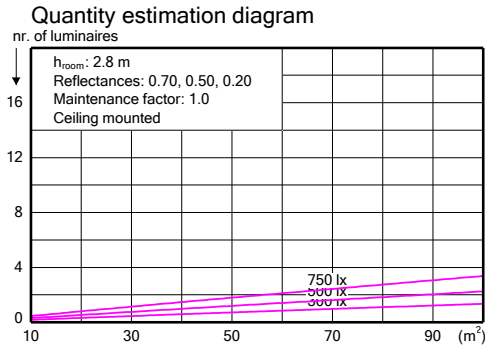
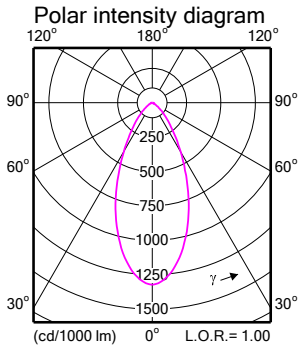
(cd/m2)

2021-08-30



BVP359 D 144LED 22K 220V L57 1xLED 45

1 x 21430 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

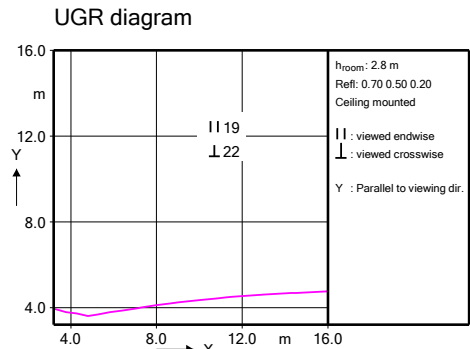
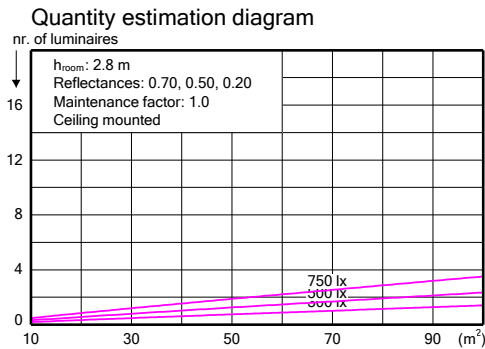
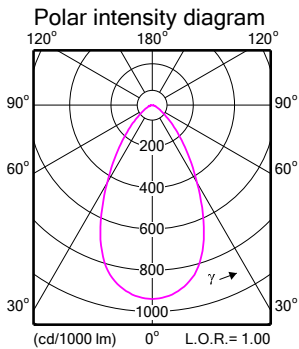
Plane Cone	0.0	45.0	90.0
45.0	19394	17102	17417
50.0	13231	11447	11688
55.0	8746	7403	7581
60.0	5543	4574	4699
65.0	3294	2634	2718
70.0	1544	1188	1231
75.0	895	654	682
80.0	942	639	672
85.0	1091	661	703
90.0	1501	738	801

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 22K 220V L57 1xLED 60

1 x 20920 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

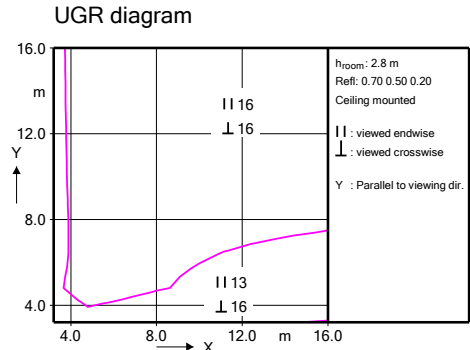
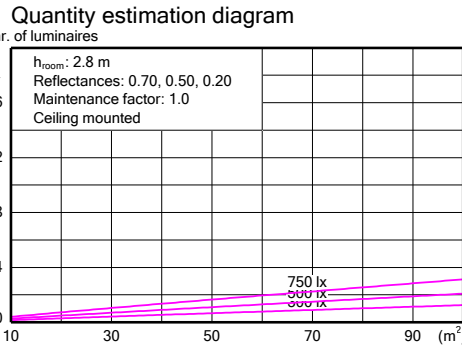
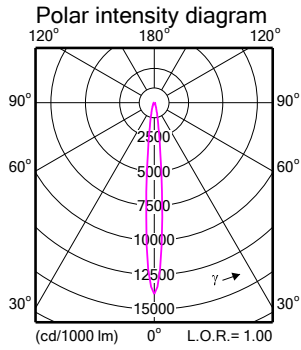
Plane Cone	0.0	45.0	90.0
45.0	22477	19820	20185
50.0	15536	13441	13724
55.0	10807	9148	9368
60.0	8000	6601	6782
65.0	5958	4765	4916
70.0	4162	3201	3318
75.0	2821	2061	2149
80.0	2042	1386	1457
85.0	1544	935	995
90.0	1619	796	864

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 27K 220V L57 1xLED 10

1 x 22765 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

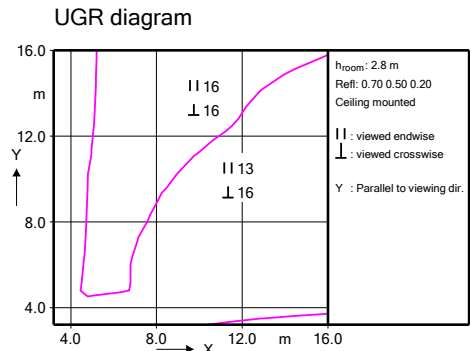
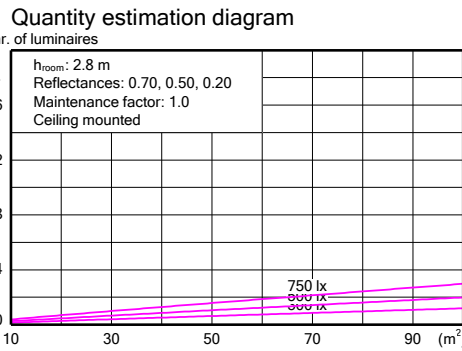
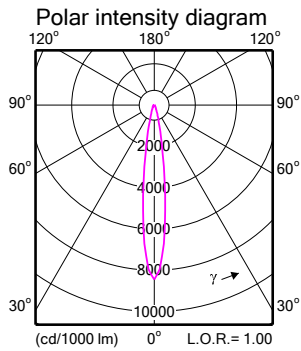
Plane Cone	0.0	45.0	90.0
45.0	9973	8794	8956
50.0	7483	6474	6610
55.0	5408	4578	4688
60.0	3826	3156	3243
65.0	2614	2091	2157
70.0	1616	1243	1288
75.0	1220	891	929
80.0	1320	896	942
85.0	1416	857	912
90.0	1929	949	1029

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 27K 220V L57 1xLED 15

1 x 23900 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

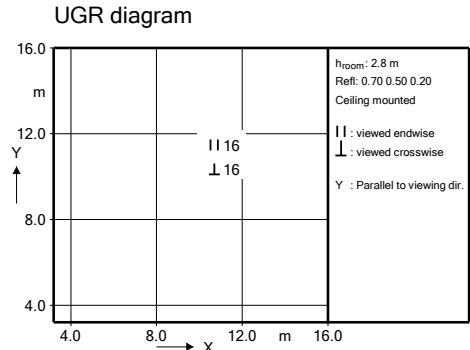
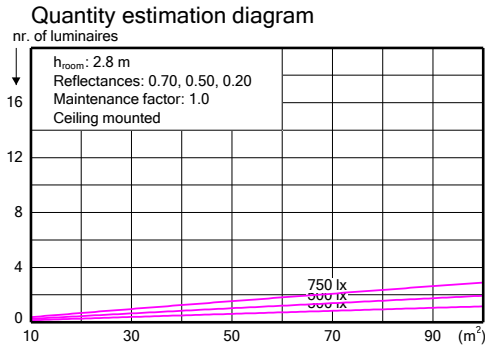
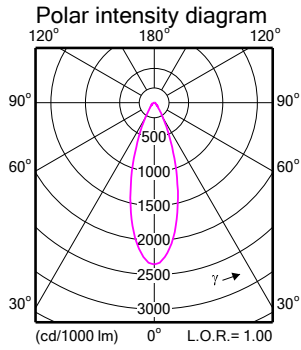
Plane Cone	0.0	45.0	90.0
45.0	9995	8813	8975
50.0	7685	6649	6789
55.0	5752	4869	4986
60.0	4049	3341	3433
65.0	2746	2196	2266
70.0	1679	1291	1339
75.0	1179	861	898
80.0	1123	762	802
85.0	1123	680	724
90.0	1397	687	745

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 27K 220V L57 1xLED 30

1 x 24755 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

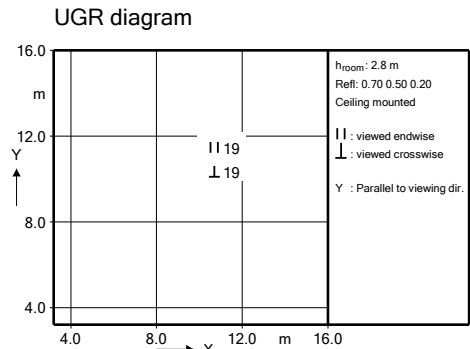
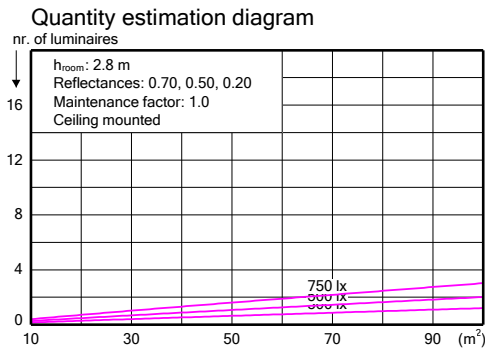
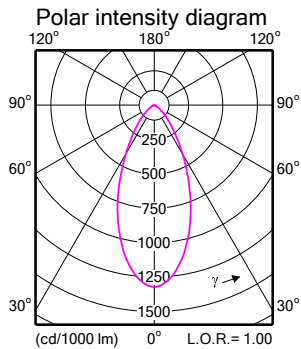
Plane Cone	0.0	45.0	90.0
45.0	11633	10258	10447
50.0	9334	8075	8245
55.0	7260	6145	6293
60.0	5454	4500	4624
65.0	4069	3254	3357
70.0	2868	2206	2287
75.0	2140	1563	1630
80.0	1725	1171	1231
85.0	1530	927	986
90.0	1830	900	976

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 27K 220V L57 1xLED 45

1 x 23900 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

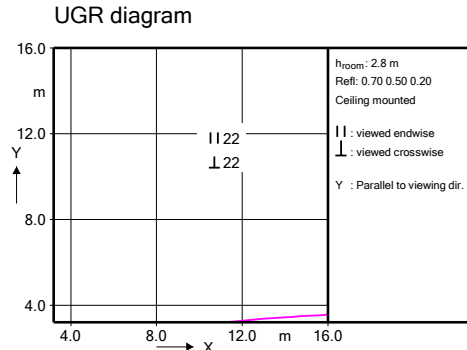
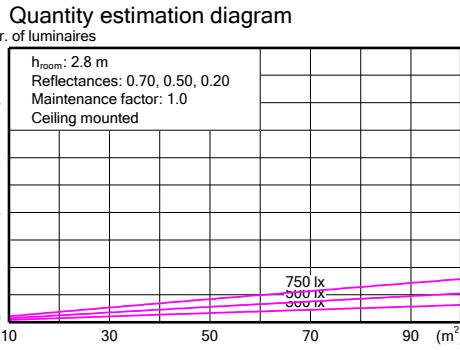
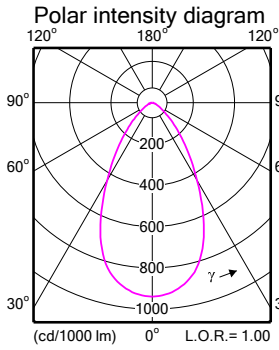
Plane Cone	0.0	45.0	90.0
45.0	21630	19073	19424
50.0	14756	12766	13035
55.0	9754	8256	8455
60.0	6182	5101	5241
65.0	3673	2938	3031
70.0	1722	1324	1373
75.0	998	729	760
80.0	1050	713	750
85.0	1217	737	784
90.0	1674	823	893

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 27K 220V L57 1xLED 60

1 x 23330 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

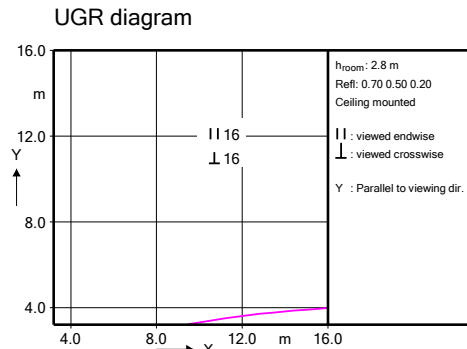
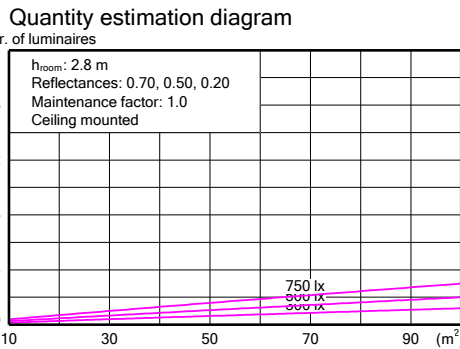
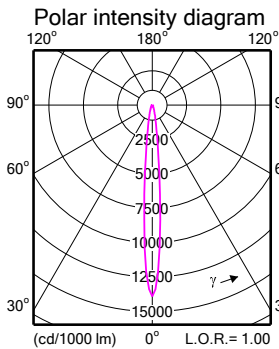
Plane Cone	0.0	45.0	90.0
45.0	25067	22104	22511
50.0	17326	14990	15305
55.0	12052	10202	10447
60.0	8922	7361	7563
65.0	6644	5314	5482
70.0	4641	3569	3700
75.0	3147	2298	2397
80.0	2277	1545	1625
85.0	1722	1043	1110
90.0	1806	888	963

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 30K 220V L57 1xLED 10

1 x 23745 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

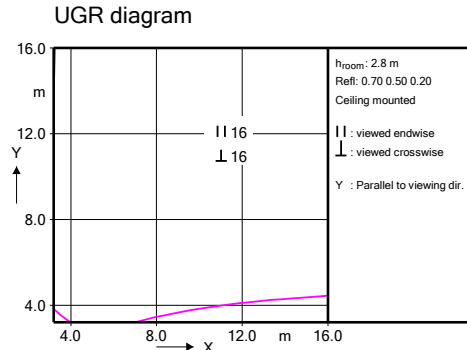
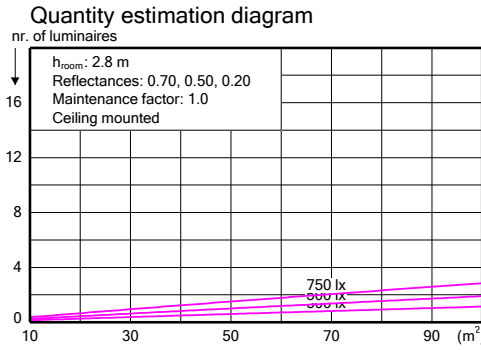
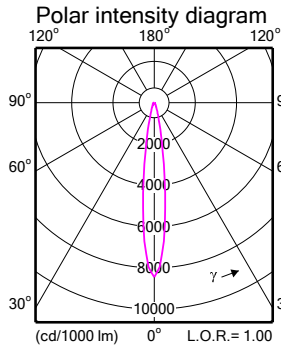
Plane Cone	0.0	45.0	90.0
45.0	10402	9172	9341
50.0	7805	6753	6895
55.0	5641	4775	4890
60.0	3990	3292	3383
65.0	2727	2181	2250
70.0	1685	1296	1344
75.0	1272	929	969
80.0	1377	934	983
85.0	1477	894	952
90.0	2012	990	1073

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 30K 220V L57 1xLED 15

1 x 24930 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

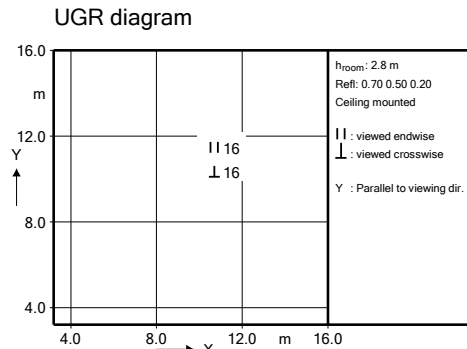
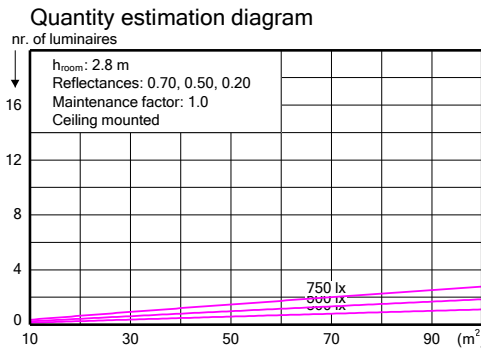
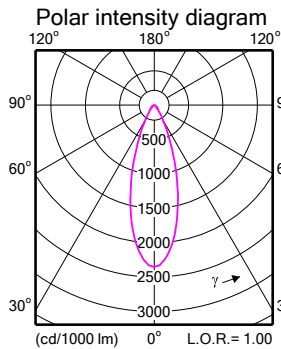
Plane Cone	0.0	45.0	90.0
45.0	10425	9193	9362
50.0	8016	6935	7081
55.0	6000	5079	5201
60.0	4224	3485	3581
65.0	2864	2291	2363
70.0	1752	1347	1396
75.0	1230	898	937
80.0	1172	795	836
85.0	1172	710	755
90.0	1457	717	777

(cd/m2)

2021-08-30

BVP359 D 144LED 30K 220V L57 1xLED 30

1 x 25820 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

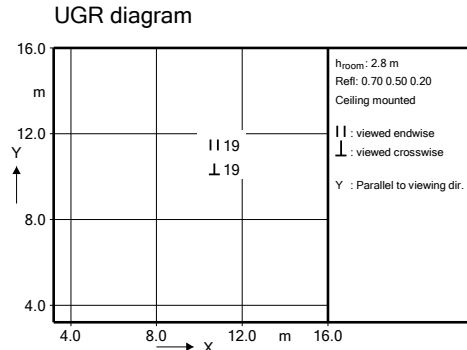
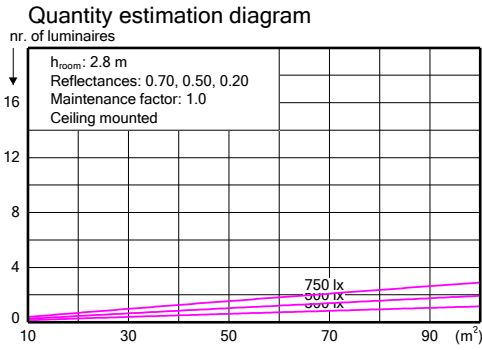
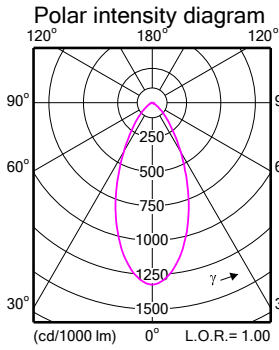
Plane Cone	0.0	45.0	90.0
45.0	12133	10699	10896
50.0	9735	8423	8600
55.0	7572	6410	6564
60.0	5689	4694	4823
65.0	4244	3394	3501
70.0	2992	2301	2385
75.0	2232	1630	1700
80.0	1799	1221	1284
85.0	1596	967	1029
90.0	1909	939	1018

(cd/m2)

2021-08-30

BVP359 D 144LED 30K 220V L57 1xLED 45

1 x 24930 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

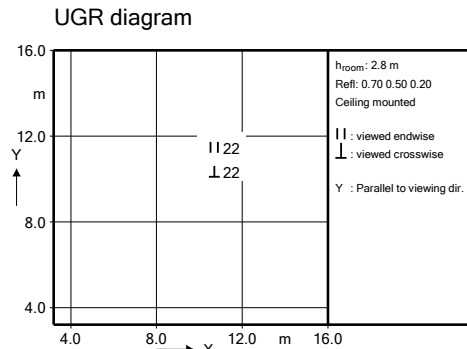
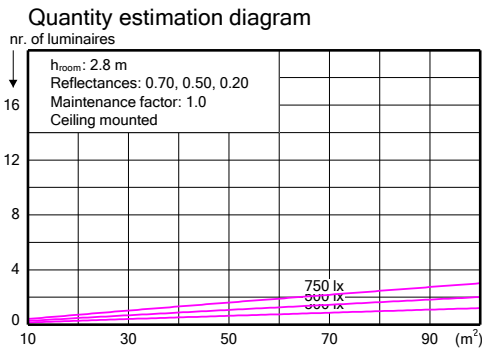
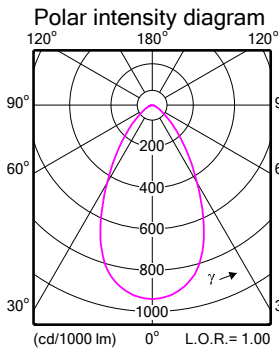
Plane Cone	0.0	45.0	90.0
45.0	22562	19895	20261
50.0	15392	13316	13597
55.0	10174	8612	8819
60.0	6449	5321	5467
65.0	3832	3065	3161
70.0	1796	1382	1432
75.0	1041	760	793
80.0	1095	743	782
85.0	1270	769	818
90.0	1746	859	931

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 30K 220V L57 1xLED 60

1 x 24335 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

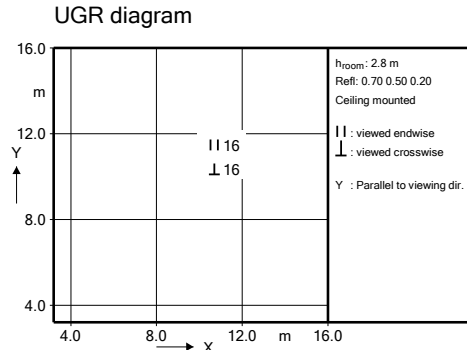
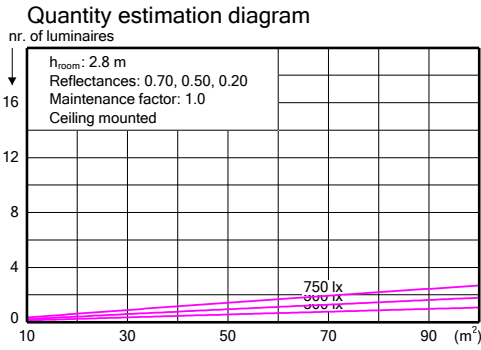
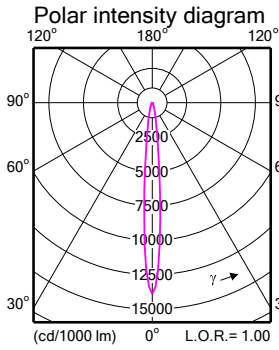
Plane Cone	0.0	45.0	90.0
45.0	26146	23056	23480
50.0	18073	15636	15965
55.0	12572	10642	10897
60.0	9306	7678	7889
65.0	6930	5543	5718
70.0	4841	3723	3859
75.0	3282	2397	2500
80.0	2375	1612	1695
85.0	1796	1088	1158
90.0	1884	927	1005

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 40K 220V L57 1xLED 10

1 x 26490 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

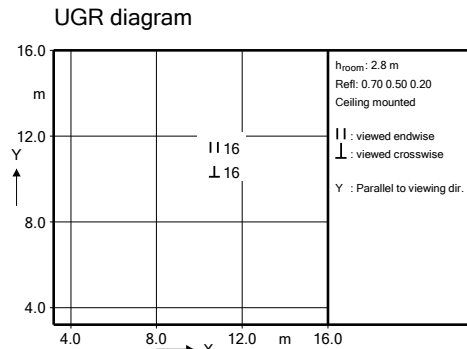
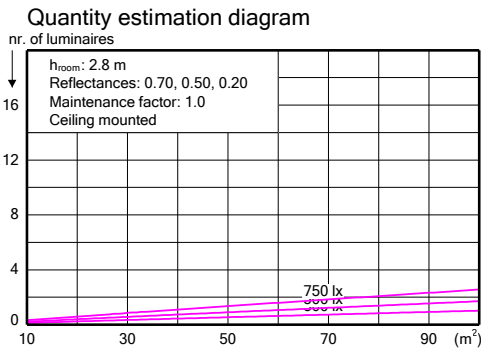
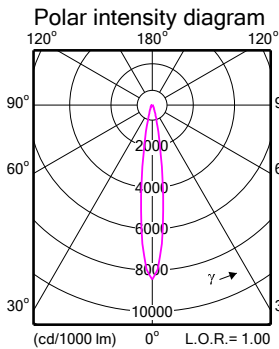
Plane Cone	0.0	45.0	90.0
45.0	11605	10233	10421
50.0	8708	7533	7692
55.0	6293	5327	5455
60.0	4452	3673	3774
65.0	3042	2433	2510
70.0	1880	1446	1499
75.0	1419	1036	1081
80.0	1536	1042	1096
85.0	1647	998	1062
90.0	2245	1104	1197

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 40K 220V L57 1xLED 15

1 x 27815 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

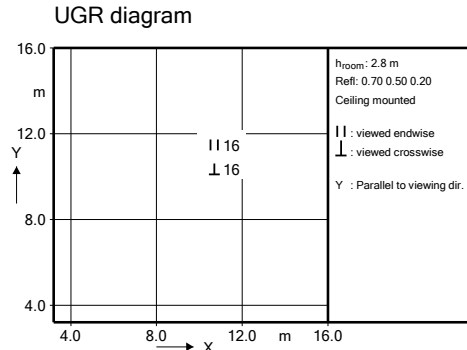
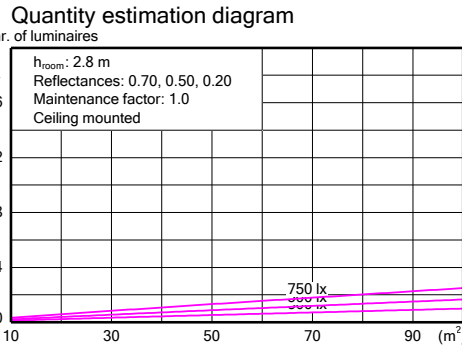
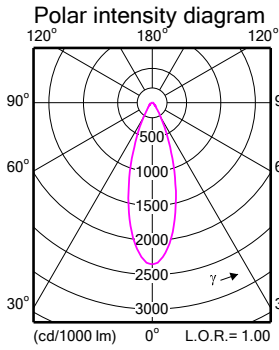
Plane Cone	0.0	45.0	90.0
45.0	11632	10257	10446
50.0	8944	7738	7901
55.0	6694	5667	5803
60.0	4712	3888	3995
65.0	3196	2556	2637
70.0	1954	1503	1558
75.0	1373	1002	1046
80.0	1307	887	933
85.0	1308	792	843
90.0	1625	800	867

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 40K 220V L57 1xLED 30

1 x 28810 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

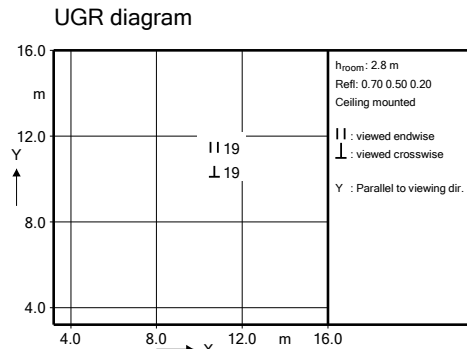
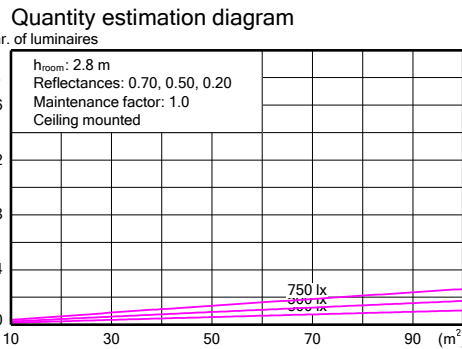
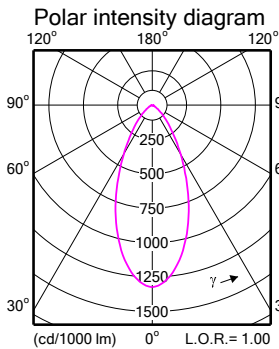
Plane Cone	0.0	45.0	90.0
45.0	13539	11938	12158
50.0	10863	9398	9596
55.0	8449	7152	7324
60.0	6348	5237	5381
65.0	4735	3787	3907
70.0	3338	2567	2661
75.0	2491	1819	1897
80.0	2008	1363	1433
85.0	1781	1079	1148
90.0	2130	1048	1136

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 40K 220V L57 1xLED 45

1 x 27815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25173	22197	22606
50.0	17173	14857	15170
55.0	11352	9609	9840
60.0	7195	5936	6099
65.0	4275	3419	3527
70.0	2004	1541	1598
75.0	1161	848	885
80.0	1222	829	872
85.0	1416	858	913
90.0	1948	958	1039

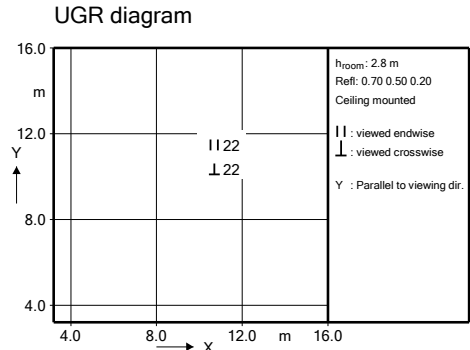
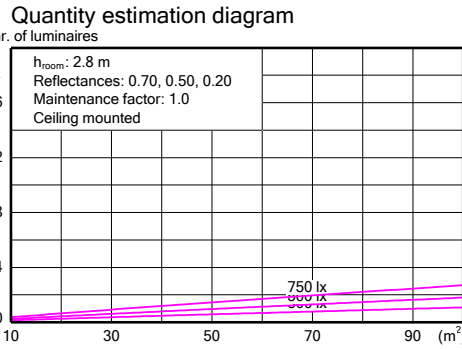
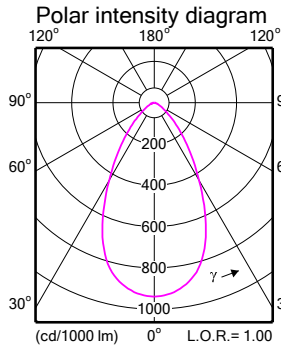
(cd/m<sup>2</sup>)

2021-08-30



BVP359 D 144LED 40K 220V L57 1xLED 60

1 x 27155 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

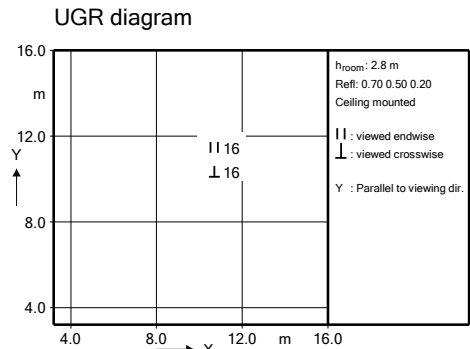
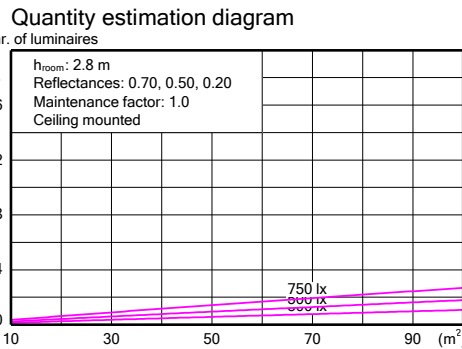
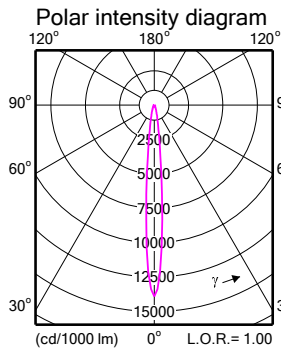
Plane Cone	0.0	45.0	90.0
45.0	29176	25728	26201
50.0	20167	17447	17815
55.0	14028	11875	12160
60.0	10384	8568	8803
65.0	7733	6185	6381
70.0	5402	4155	4307
75.0	3662	2675	2790
80.0	2650	1799	1892
85.0	2005	1214	1292
90.0	2102	1034	1121

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 50K 220V L57 1xLED 10

1 x 26490 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

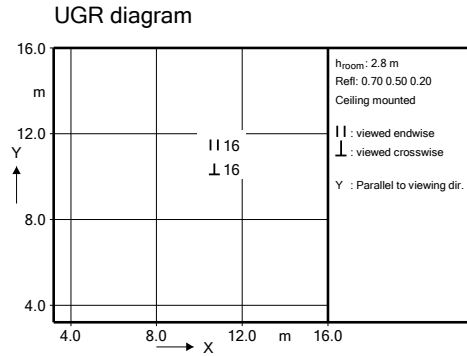
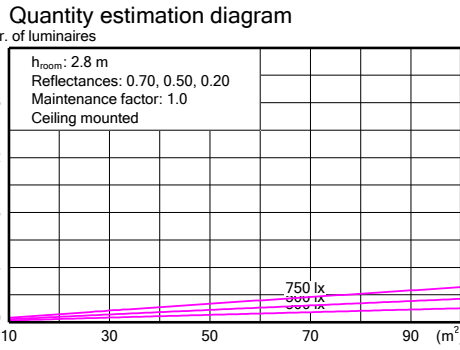
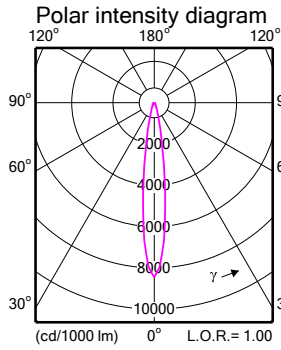
Plane Cone	0.0	45.0	90.0
45.0	11605	10233	10421
50.0	8708	7533	7692
55.0	6293	5327	5455
60.0	4452	3673	3774
65.0	3042	2433	2510
70.0	1880	1446	1499
75.0	1419	1036	1081
80.0	1536	1042	1096
85.0	1647	998	1062
90.0	2245	1104	1197

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 50K 220V L57 1xLED 15

1 x 27815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.66
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

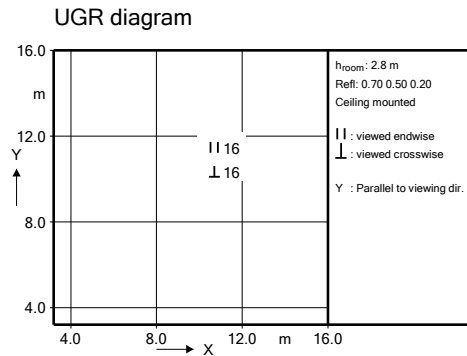
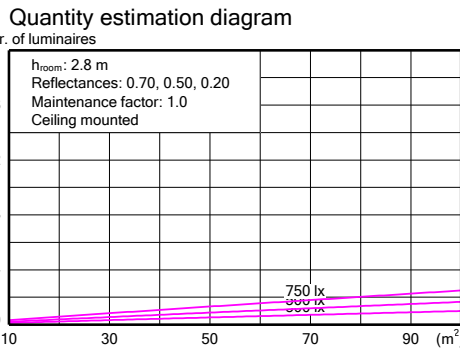
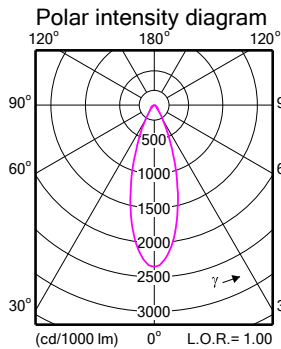
Plane Cone	0.0	45.0	90.0
45.0	11632	10257	10446
50.0	8944	7738	7901
55.0	6694	5667	5803
60.0	4712	3888	3995
65.0	3196	2556	2637
70.0	1954	1503	1558
75.0	1373	1002	1046
80.0	1307	887	933
85.0	1308	792	843
90.0	1625	800	867

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 50K 220V L57 1xLED 30

1 x 28810 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

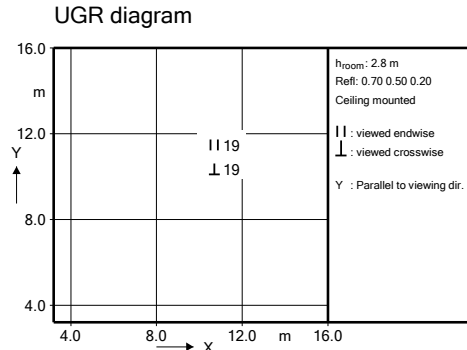
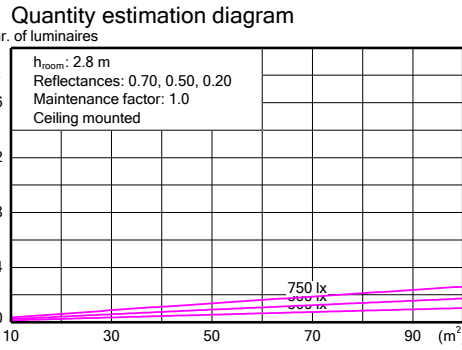
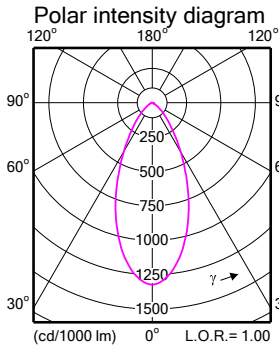
Plane Cone	0.0	45.0	90.0
45.0	13539	11938	12158
50.0	10863	9398	9596
55.0	8449	7152	7324
60.0	6348	5237	5381
65.0	4735	3787	3907
70.0	3338	2567	2661
75.0	2491	1819	1897
80.0	2008	1363	1433
85.0	1781	1079	1148
90.0	2130	1048	1136

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 50K 220V L57 1xLED 45

1 x 27815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

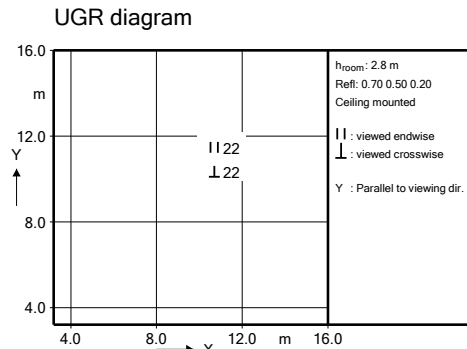
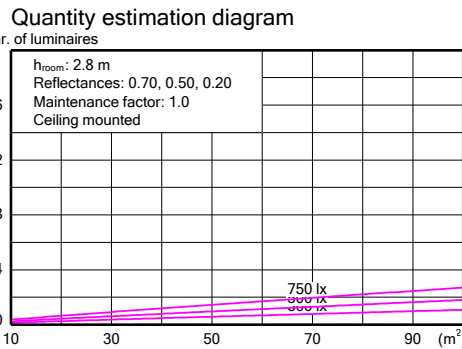
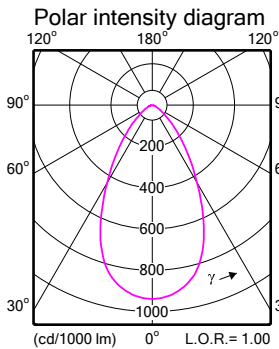
Plane Cone	0.0	45.0	90.0
45.0	25173	22197	22606
50.0	17173	14857	15170
55.0	11352	9609	9840
60.0	7195	5936	6099
65.0	4275	3419	3527
70.0	2004	1541	1598
75.0	1161	848	885
80.0	1222	829	872
85.0	1416	858	913
90.0	1948	958	1039

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 50K 220V L57 1xLED 60

1 x 27155 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

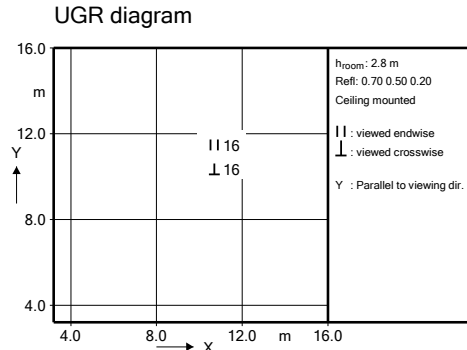
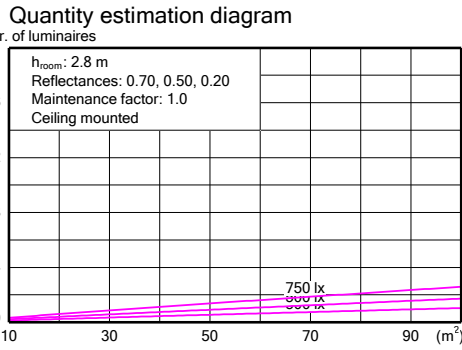
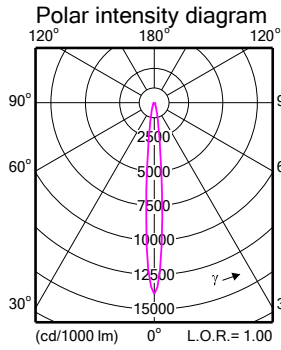
Plane Cone	0.0	45.0	90.0
45.0	29176	25728	26201
50.0	20167	17447	17815
55.0	14028	11875	12160
60.0	10384	8568	8803
65.0	7733	6185	6381
70.0	5402	4155	4307
75.0	3662	2675	2790
80.0	2650	1799	1892
85.0	2005	1214	1292
90.0	2102	1034	1121

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 57K 220V L57 1xLED 10

1 x 27475 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

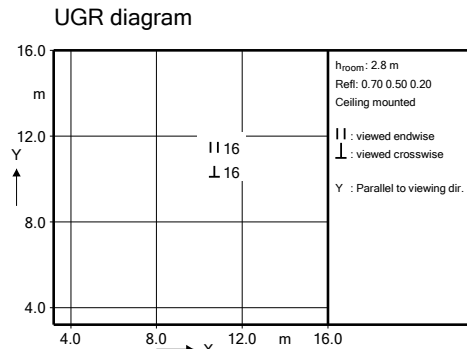
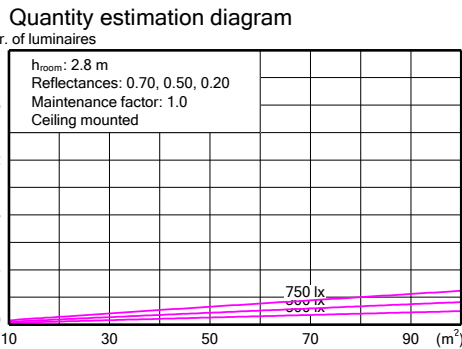
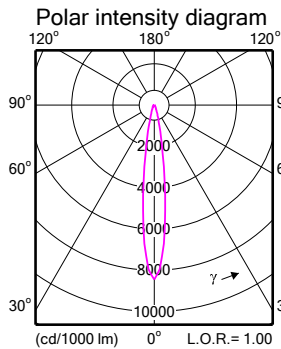
Plane Cone	0.0	45.0	90.0
45.0	12036	10613	10809
50.0	9031	7814	7978
55.0	6527	5525	5658
60.0	4617	3809	3914
65.0	3155	2524	2603
70.0	1950	1500	1555
75.0	1472	1075	1121
80.0	1593	1081	1137
85.0	1709	1035	1101
90.0	2329	1145	1242

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 57K 220V L57 1xLED 15

1 x 28845 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

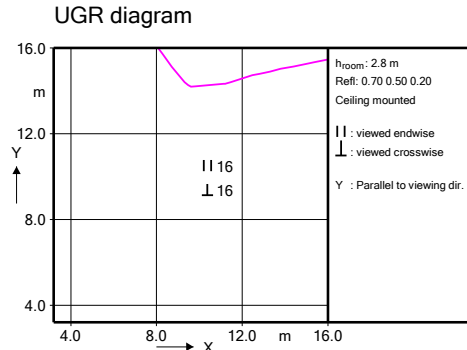
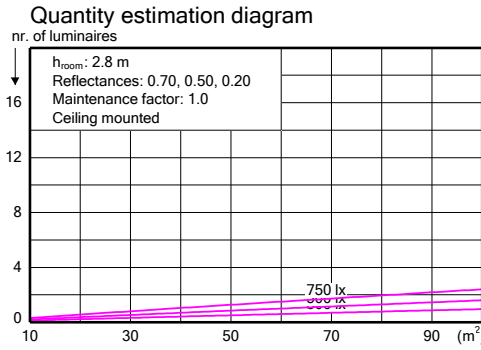
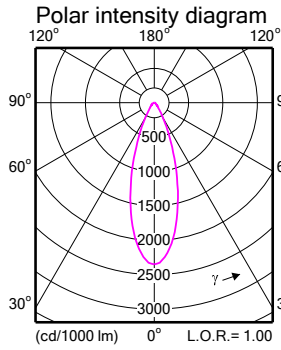
Plane Cone	0.0	45.0	90.0
45.0	12063	10637	10833
50.0	9275	8024	8193
55.0	6942	5877	6018
60.0	4887	4032	4143
65.0	3314	2651	2734
70.0	2027	1559	1616
75.0	1423	1040	1084
80.0	1356	920	968
85.0	1356	821	874
90.0	1686	829	899

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 57K 220V L57 1xLED 30

1 x 29875 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

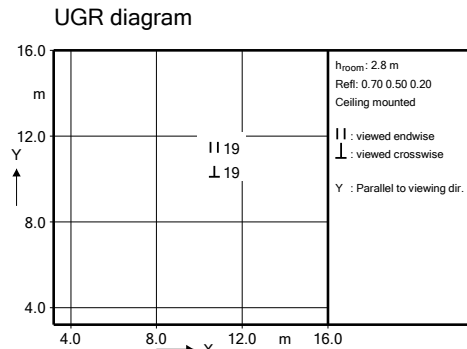
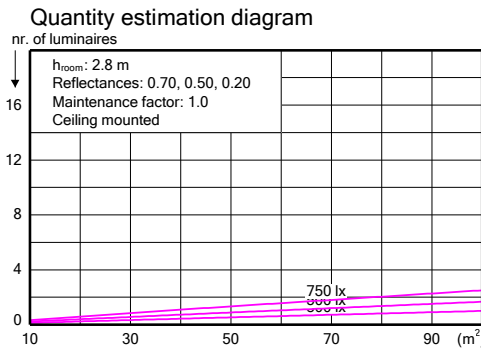
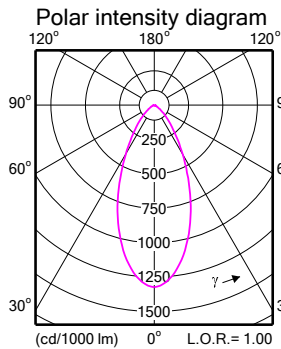
Plane Cone	0.0	45.0	90.0
45.0	14039	12380	12607
50.0	11264	9745	9950
55.0	8761	7416	7595
60.0	6582	5431	5580
65.0	4910	3927	4051
70.0	3461	2662	2760
75.0	2583	1886	1967
80.0	2082	1413	1486
85.0	1847	1119	1190
90.0	2208	1086	1178

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 57K 220V L57 1xLED 45

1 x 28845 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

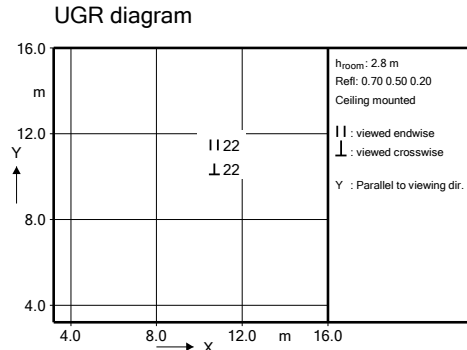
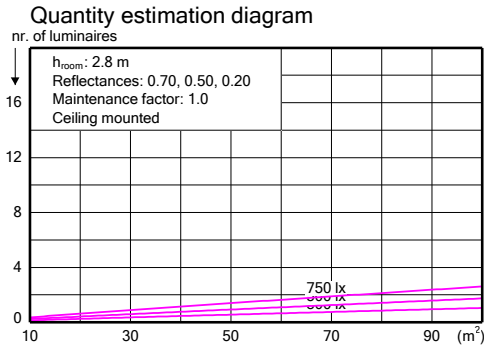
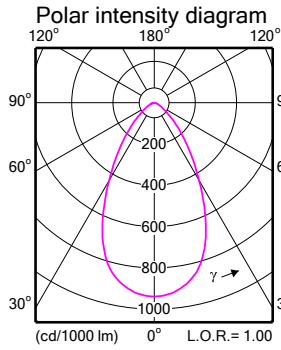
Plane Cone	0.0	45.0	90.0
45.0	26105	23019	23443
50.0	17809	15408	15732
55.0	11772	9965	10204
60.0	7461	6156	6325
65.0	4433	3546	3658
70.0	2078	1599	1657
75.0	1204	880	917
80.0	1267	860	905
85.0	1469	890	947
90.0	2020	994	1078

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 57K 220V L57 1xLED 60

1 x 28160 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

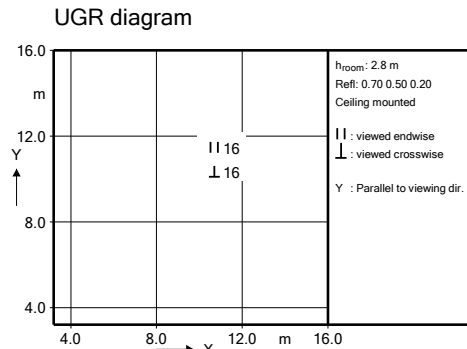
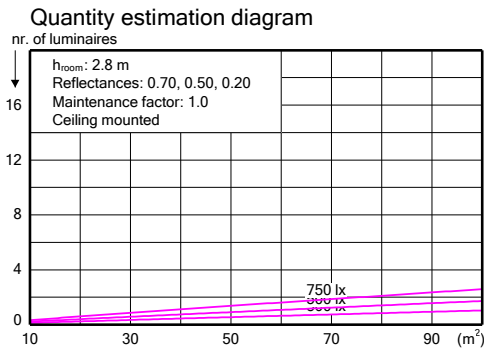
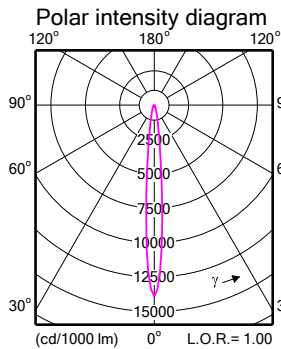
Plane Cone	0.0	45.0	90.0
45.0	30256	26680	27171
50.0	20913	18093	18474
55.0	14548	12314	12610
60.0	10769	8885	9129
65.0	8020	6414	6617
70.0	5602	4308	4466
75.0	3798	2774	2893
80.0	2748	1865	1962
85.0	2079	1259	1340
90.0	2180	1072	1162

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 65K 220V L57 1xLED 10

1 x 27475 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

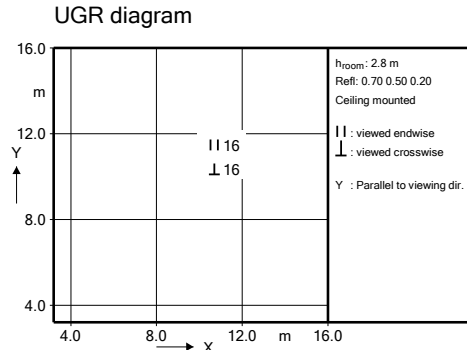
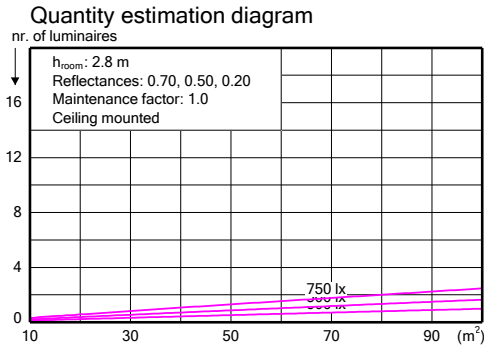
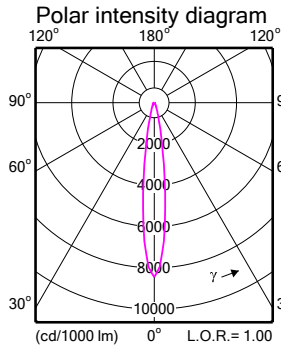
Plane Cone	0.0	45.0	90.0
45.0	12036	10613	10809
50.0	9031	7814	7978
55.0	6527	5525	5658
60.0	4617	3809	3914
65.0	3155	2524	2603
70.0	1950	1500	1555
75.0	1472	1075	1121
80.0	1093	808	843
85.0	819	603	631
90.0	829	514	542

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 65K 220V L57 1xLED 15

1 x 28845 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

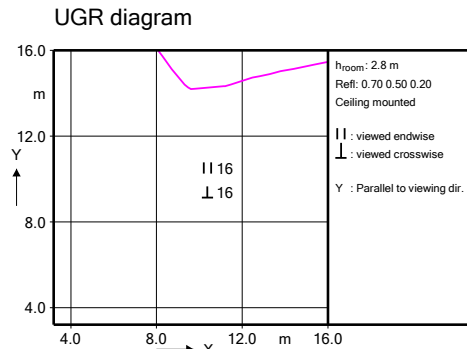
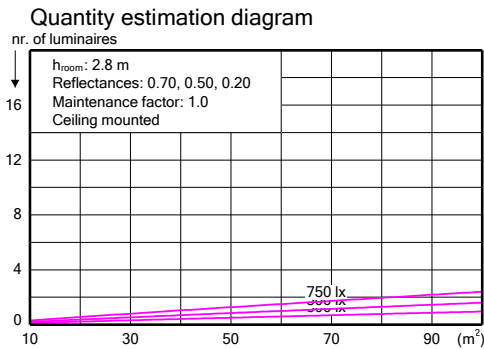
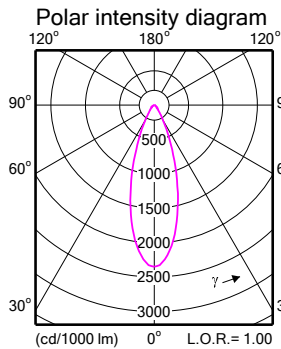
Plane Cone	0.0	45.0	90.0
45.0	12063	10637	10833
50.0	9275	8024	8193
55.0	6942	5877	6018
60.0	4887	4032	4143
65.0	3314	2651	2734
70.0	2027	1559	1616
75.0	1423	1040	1084
80.0	1356	920	968
85.0	1356	821	874
90.0	1686	829	899

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 65K 220V L57 1xLED 30

1 x 29875 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

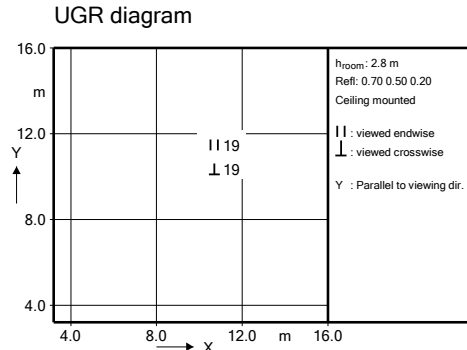
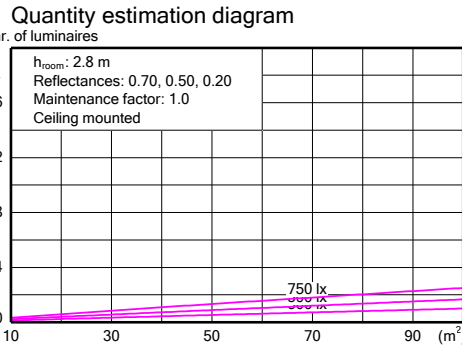
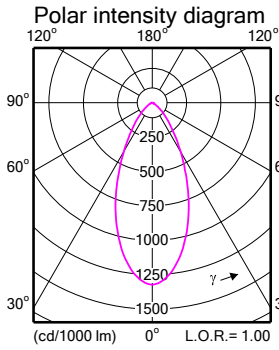
Plane Cone	0.0	45.0	90.0
45.0	14039	12380	12607
50.0	11264	9745	9950
55.0	8761	7416	7595
60.0	6582	5431	5580
65.0	4910	3927	4051
70.0	3461	2662	2760
75.0	2583	1886	1967
80.0	2082	1413	1486
85.0	1847	1119	1190
90.0	2208	1086	1178

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 65K 220V L57 1xLED 45

1 x 28845 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

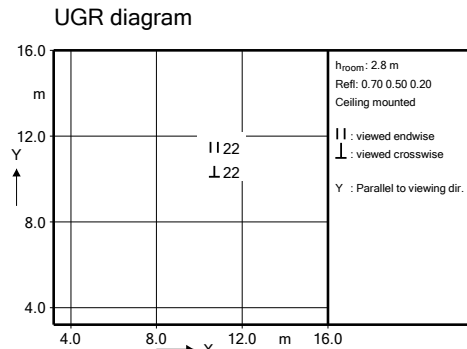
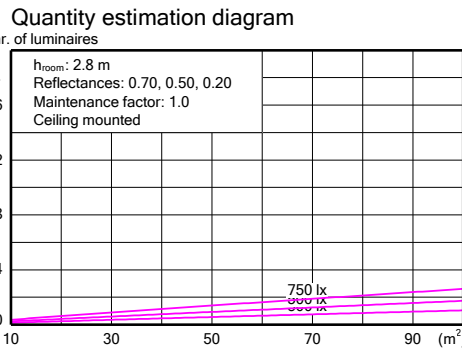
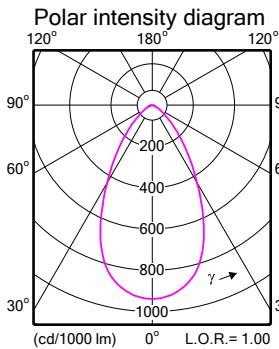
Plane Cone	0.0	45.0	90.0
45.0	26105	23019	23443
50.0	17809	15408	15732
55.0	11772	9965	10204
60.0	7461	6156	6325
65.0	4433	3546	3658
70.0	2078	1599	1657
75.0	1204	880	917
80.0	1267	860	905
85.0	1469	890	947
90.0	2020	994	1078

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED 65K 220V L57 1xLED 60

1 x 28160 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	30256	26680	27171
50.0	20913	18093	18474
55.0	14548	12314	12610
60.0	10769	8885	9129
65.0	8020	6414	6617
70.0	5602	4308	4466
75.0	3798	2774	2893
80.0	2748	1865	1962
85.0	2079	1259	1340
90.0	2180	1072	1162

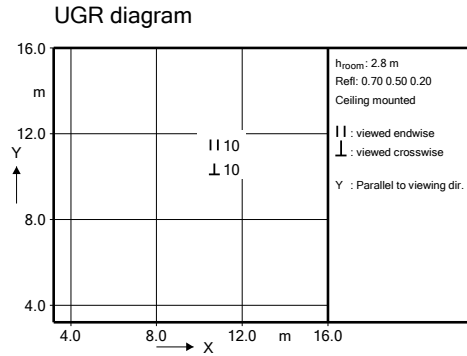
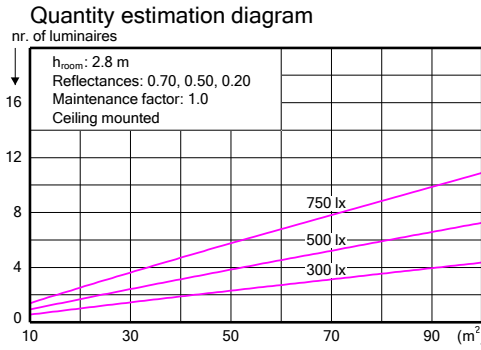
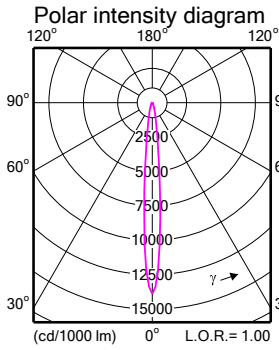
(cd/m<sup>2</sup>)

2021-08-30



BVP359 D 144LED BL 220V L57 1xLED 10

1 x 6545 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 10  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

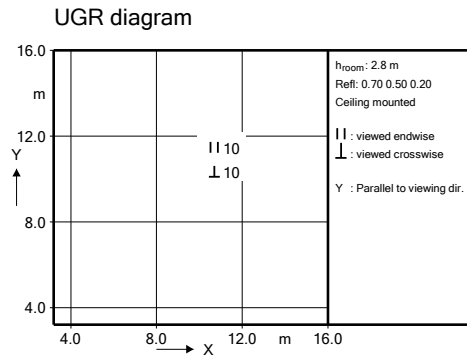
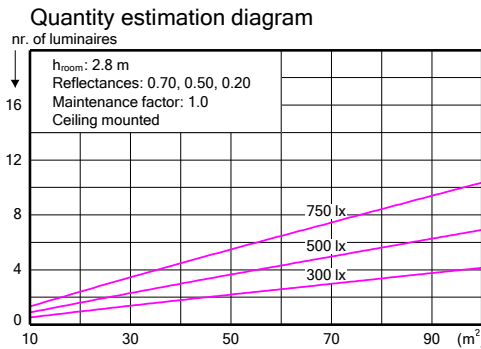
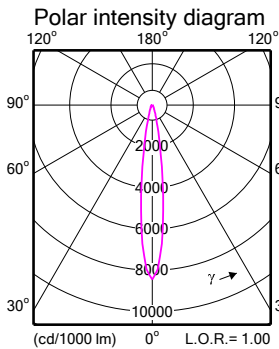
Plane Cone	0.0	45.0	90.0
45.0	2867	2528	2575
50.0	2151	1861	1901
55.0	1555	1316	1348
60.0	1100	907	932
65.0	752	601	620
70.0	465	357	370
75.0	351	256	267
80.0	379	258	271
85.0	407	247	262
90.0	555	273	296

(cd/m2)

2021-08-30

BVP359 D 144LED BL 220V L57 1xLED 15

1 x 6875 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

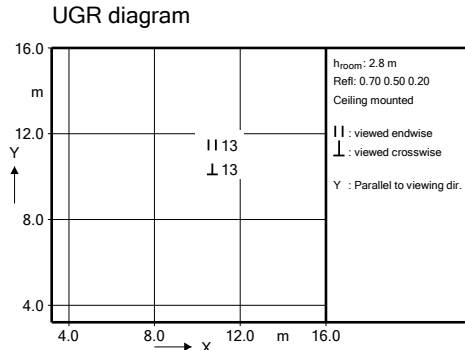
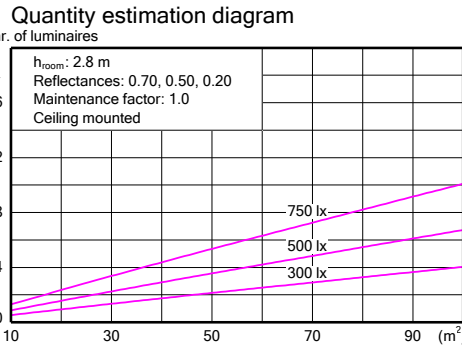
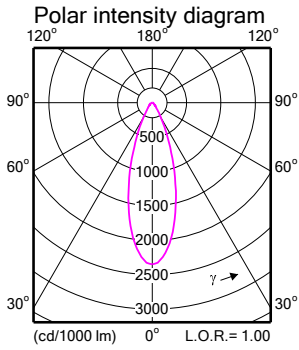
Plane Cone	0.0	45.0	90.0
45.0	2875	2535	2582
50.0	2211	1913	1953
55.0	1655	1401	1434
60.0	1165	961	987
65.0	790	632	652
70.0	483	372	385
75.0	339	248	258
80.0	323	219	231
85.0	323	196	208
90.0	402	198	214

(cd/m2)

2021-08-30

BVP359 D 144LED BL 220V L57 1xLED 30

1 x 7120 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

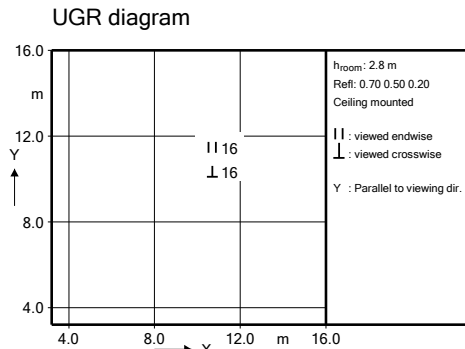
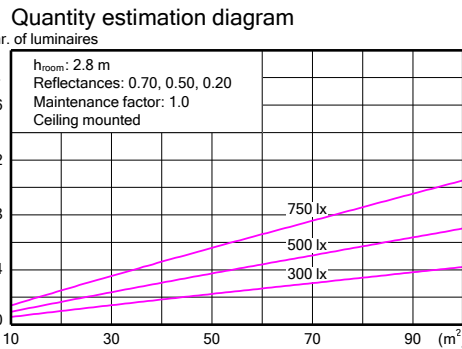
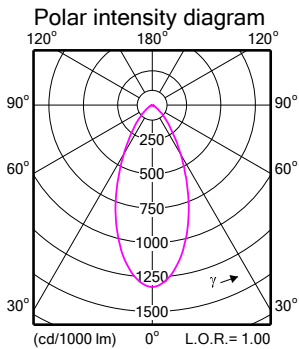
Plane Cone	0.0	45.0	90.0
45.0	3346	2950	3005
50.0	2685	2323	2371
55.0	2088	1767	1810
60.0	1569	1294	1330
65.0	1170	936	966
70.0	825	634	658
75.0	616	450	469
80.0	496	337	354
85.0	440	267	284
90.0	526	259	281

(cd/m2)

2021-08-30

BVP359 D 144LED BL 220V L57 1xLED 45

1 x 6875 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6222	5487	5588
50.0	4245	3672	3750
55.0	2806	2375	2432
60.0	1778	1467	1508
65.0	1057	845	872
70.0	495	381	395
75.0	287	210	219
80.0	302	205	216
85.0	350	212	226
90.0	482	237	257

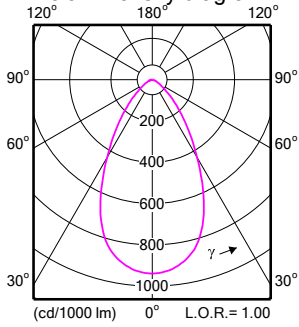
(cd/m2)

2021-08-30

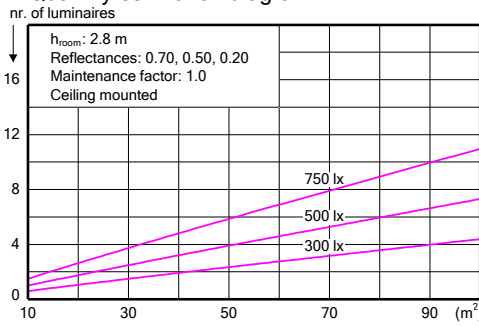
BVP359 D 144LED BL 220V L57 1xLED 60

1 x 6710 lm

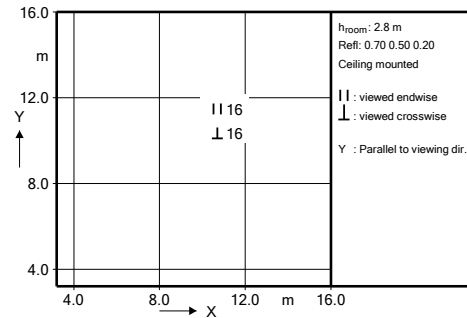
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.50	0.50	0.30	0.30
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.50	0.50	0.30	0.30
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.50	0.50	0.30	0.30
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.50	0.50	0.30	0.30
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.50	0.50	0.30	0.30
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.50	0.50	0.30	0.30
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.50	0.50	0.30	0.30
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.50	0.50	0.30	0.30
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.50	0.50	0.30	0.30

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7209	6357	6474
50.0	4983	4311	4402
55.0	3466	2934	3005
60.0	2566	2117	2175
65.0	1911	1528	1577
70.0	1335	1027	1064
75.0	905	661	689
80.0	655	444	467
85.0	495	300	319
90.0	519	255	277

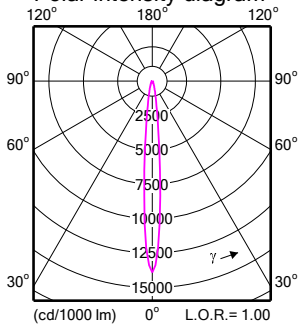
(cd/m2)

2021-08-30

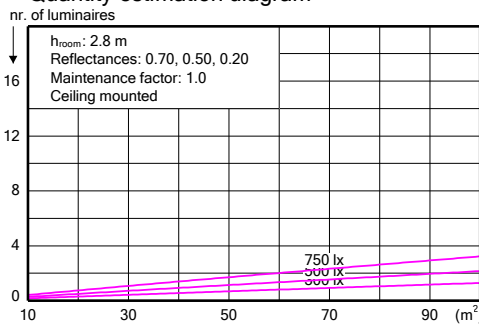
BVP359 D 144LED GN 220V L57 1xLED 10

1 x 22035 lm

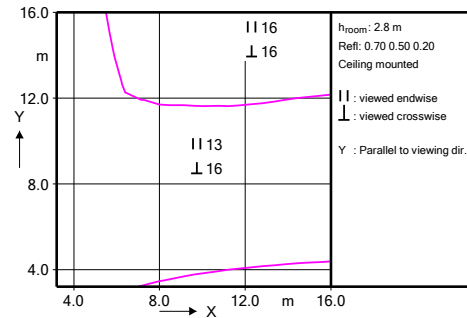
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.50	0.50	0.30	0.30
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.50	0.50	0.30	0.30
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.50	0.50	0.30	0.30
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.50	0.50	0.30	0.30
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.50	0.50	0.30	0.30
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.50	0.50	0.30	0.30
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.50	0.50	0.30	0.30
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.50	0.50	0.30	0.30
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.50	0.50	0.30	0.30

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9653	8512	8669
50.0	7243	6267	6398
55.0	5235	4431	4538
60.0	3703	3055	3139
65.0	2531	2024	2088
70.0	1564	1203	1247
75.0	1181	862	899
80.0	1278	867	912
85.0	1370	830	883
90.0	1868	919	996

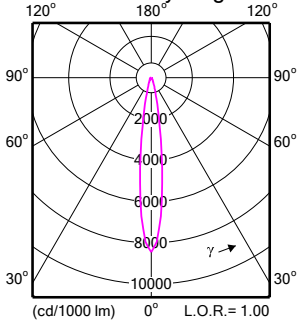
(cd/m2)

2021-08-30

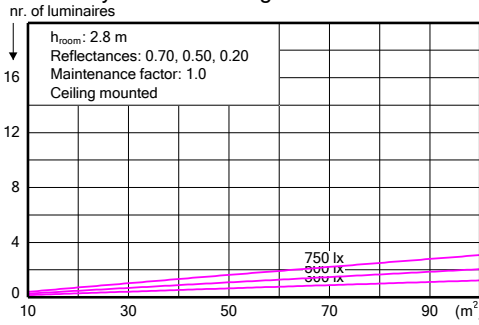
BVP359 D 144LED GN 220V L57 1xLED 15

1 x 23135 lm

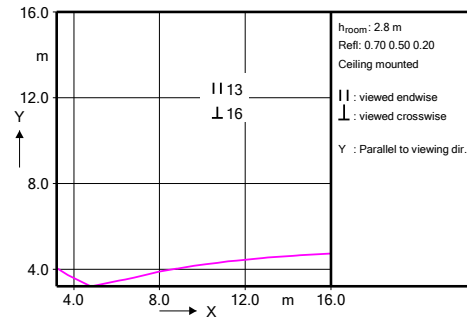
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.66
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9675	8531	8688
50.0	7439	6436	6571
55.0	5568	4713	4827
60.0	3920	3234	3323
65.0	2658	2126	2193
70.0	1625	1250	1296
75.0	1142	834	870
80.0	1087	738	776
85.0	1088	659	701
90.0	1352	665	721

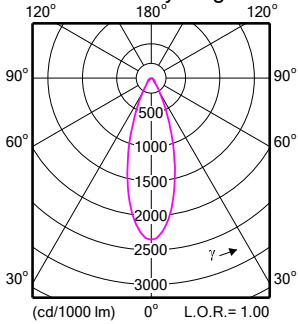
(cd/m2)

2021-08-30

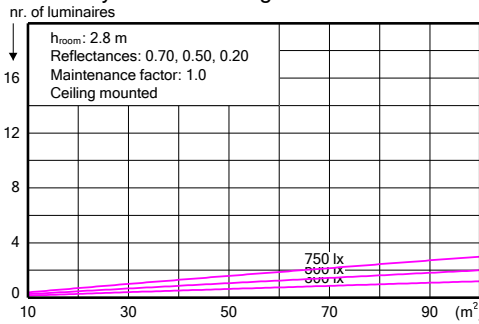
BVP359 D 144LED GN 220V L57 1xLED 30

1 x 23960 lm

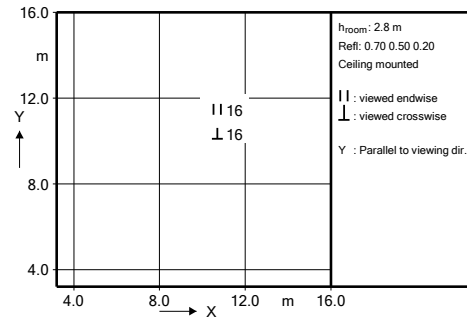
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

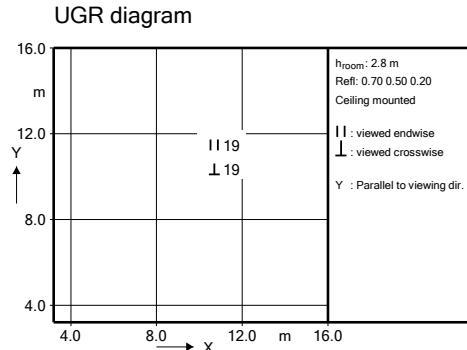
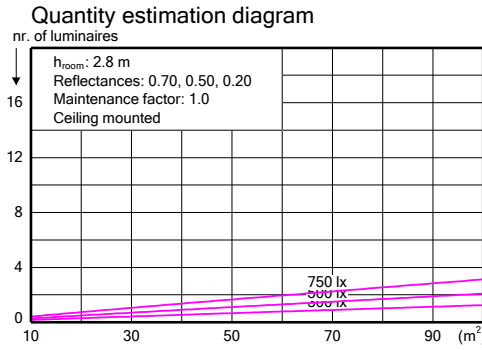
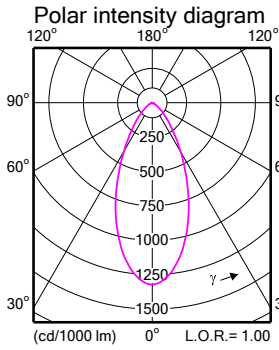
Plane Cone	0.0	45.0	90.0
45.0	11259	9929	10111
50.0	9034	7816	7980
55.0	7027	5948	6091
60.0	5279	4356	4475
65.0	3938	3150	3249
70.0	2776	2135	2213
75.0	2071	1513	1578
80.0	1670	1133	1192
85.0	1481	897	955
90.0	1771	871	945

(cd/m2)

2021-08-30

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1 x 23135 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

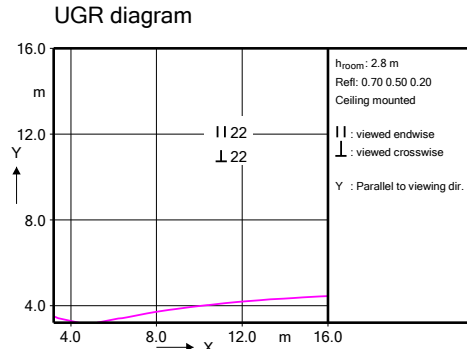
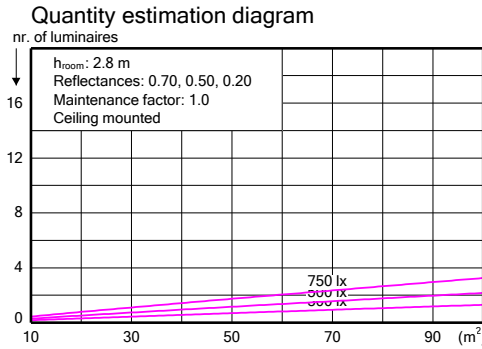
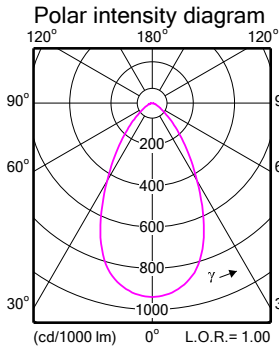
Plane Cone	0.0	45.0	90.0
45.0	20937	18463	18802
50.0	14284	12358	12618
55.0	9442	7992	8184
60.0	5984	4937	5073
65.0	3556	2844	2934
70.0	1667	1282	1329
75.0	966	706	736
80.0	1016	690	726
85.0	1178	714	759
90.0	1621	797	864

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 144LED GN 220V L57 1xLED 60

1 x 22585 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

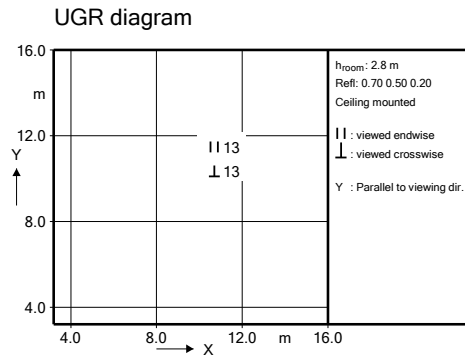
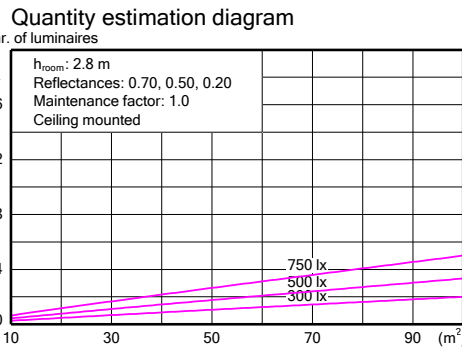
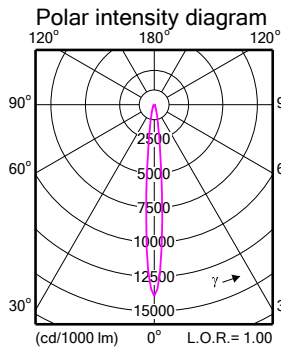
Plane Cone	0.0	45.0	90.0
45.0	24266	21398	21792
50.0	16773	14511	14817
55.0	11668	9876	10114
60.0	8637	7126	7322
65.0	6432	5144	5307
70.0	4493	3455	3582
75.0	3046	2224	2320
80.0	2204	1496	1573
85.0	1667	1010	1075
90.0	1748	860	932

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 22K 220V L40 1xLED 10

1 x 14230 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

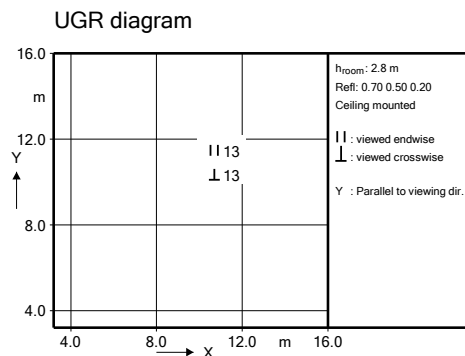
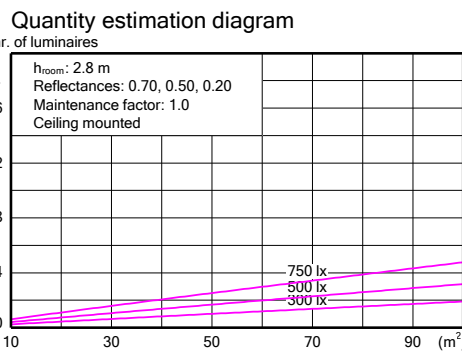
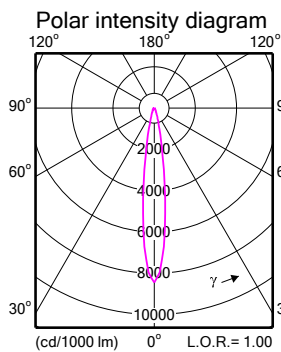
Plane Cone	0.0	45.0	90.0
45.0	8419	7573	7977
50.0	6264	5549	5888
55.0	4483	3903	4176
60.0	3134	2675	2889
65.0	2111	1760	1921
70.0	1281	1037	1147
75.0	943	736	828
80.0	984	730	839
85.0	995	685	813
90.0	1206	736	917

(cd/m2)

2021-08-30

BVP359 D 96LED 22K 220V L40 1xLED 15

1 x 14940 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

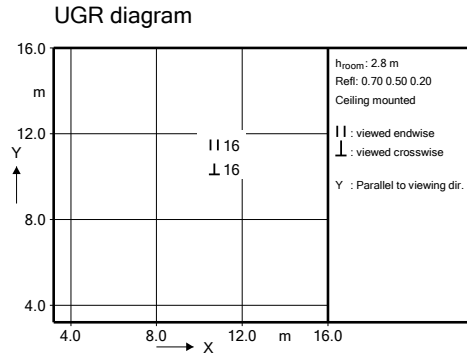
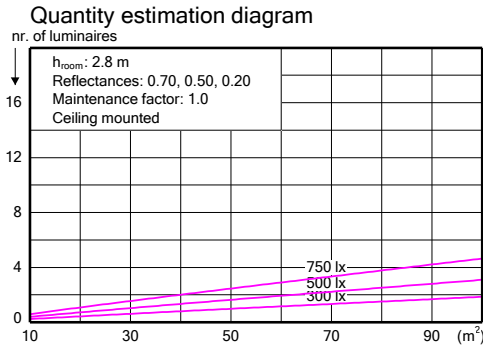
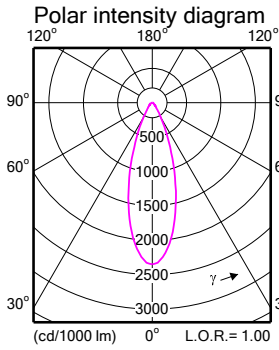
Plane Cone	0.0	45.0	90.0
45.0	8438	7590	7995
50.0	6433	5699	6047
55.0	4768	4152	4442
60.0	3317	2832	3058
65.0	2218	1849	2018
70.0	1331	1078	1193
75.0	912	711	800
80.0	837	621	714
85.0	789	544	645
90.0	873	533	664

(cd/m2)

2021-08-30

BVP359 D 96LED 22K 220V L40 1xLED 30

1 x 15475 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

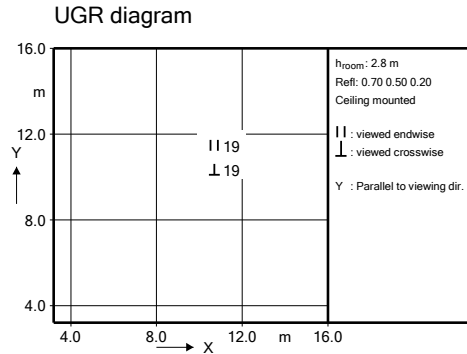
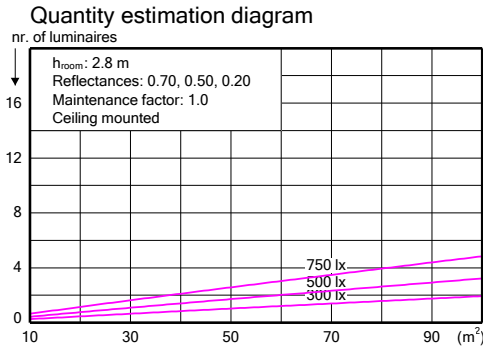
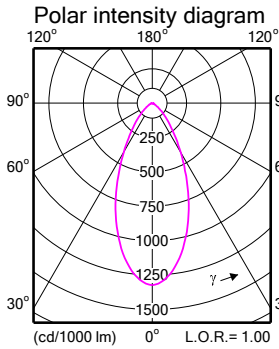
Plane Cone	0.0	45.0	90.0
45.0	9821	8834	9306
50.0	7814	6922	7345
55.0	6018	5240	5606
60.0	4469	3815	4119
65.0	3286	2739	2990
70.0	2274	1841	2037
75.0	1655	1291	1452
80.0	1286	954	1097
85.0	1075	741	879
90.0	1144	699	869

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 22K 220V L40 1xLED 45

1 x 14940 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

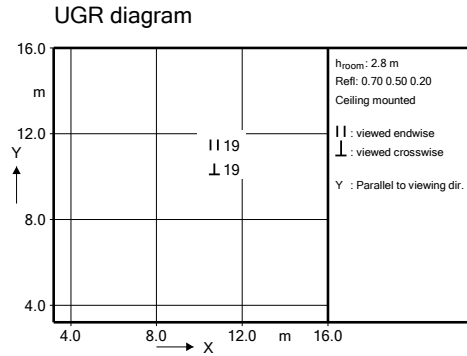
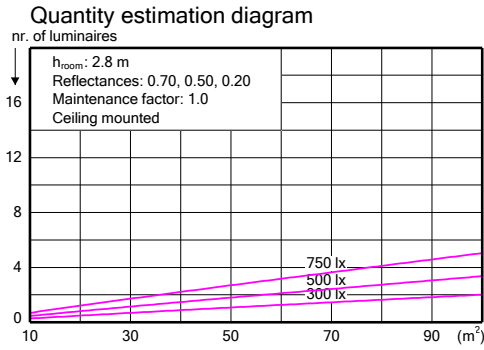
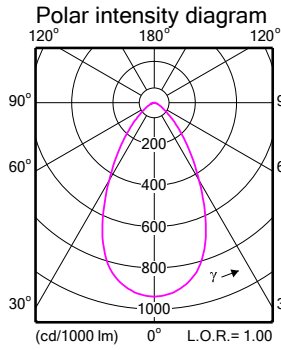
Plane Cone	0.0	45.0	90.0
45.0	18260	16425	17303
50.0	12352	10943	11611
55.0	8085	7040	7531
60.0	5065	4324	4668
65.0	2967	2473	2700
70.0	1365	1106	1223
75.0	772	602	677
80.0	783	581	668
85.0	855	589	699
90.0	1046	639	795

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 22K 220V L40 1xLED 60

1 x 14585 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

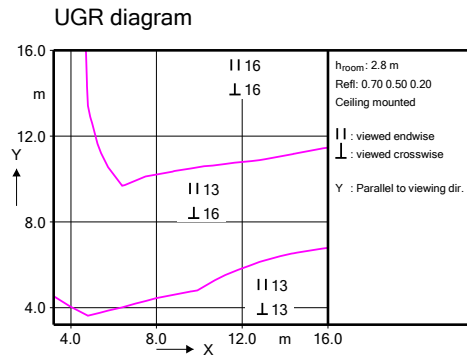
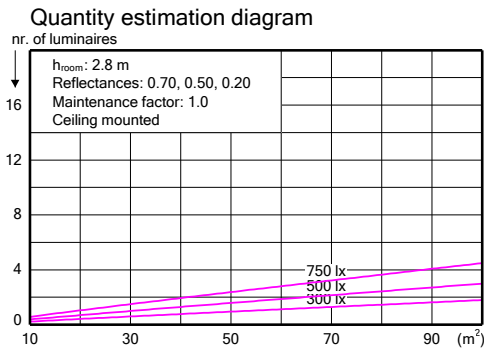
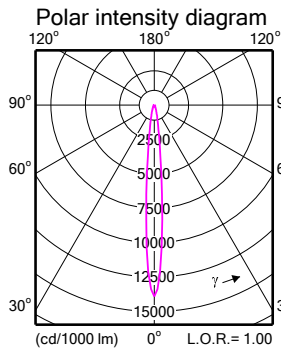
Plane Cone	0.0	45.0	90.0
45.0	21164	19037	20054
50.0	14505	12850	13635
55.0	9991	8700	9307
60.0	7310	6240	6738
65.0	5366	4474	4884
70.0	3680	2980	3296
75.0	2433	1898	2135
80.0	1698	1259	1448
85.0	1210	834	989
90.0	1129	689	858

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 27K 220V L40 1xLED 10

1 x 15870 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9389	8445	8897
50.0	6986	6189	6567
55.0	4999	4353	4657
60.0	3495	2984	3222
65.0	2355	1963	2143
70.0	1429	1157	1280
75.0	1052	820	923
80.0	1097	814	936
85.0	1109	764	906
90.0	1345	821	1022

(cd/m<sup>2</sup>)

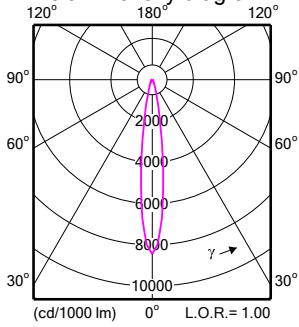
2021-08-30



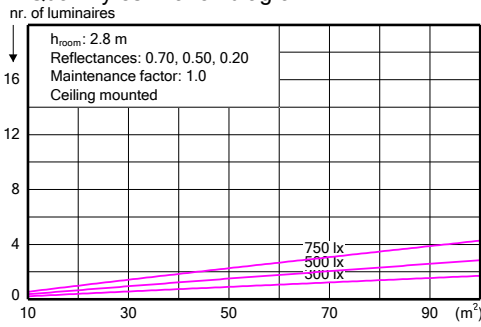
BVP359 D 96LED 27K 220V L40 1xLED 15

1 x 16665 lm

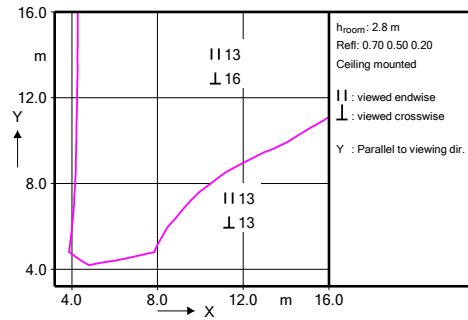
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9412	8466	8918
50.0	7176	6357	6745
55.0	5319	4631	4954
60.0	3701	3159	3411
65.0	2474	2062	2251
70.0	1485	1202	1330
75.0	1017	794	893
80.0	934	693	797
85.0	880	607	720
90.0	974	595	740

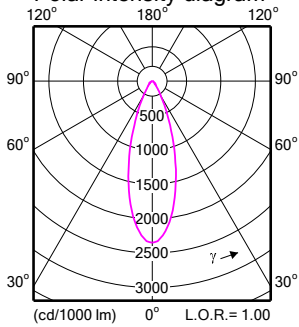
(cd/m2)

2021-08-30

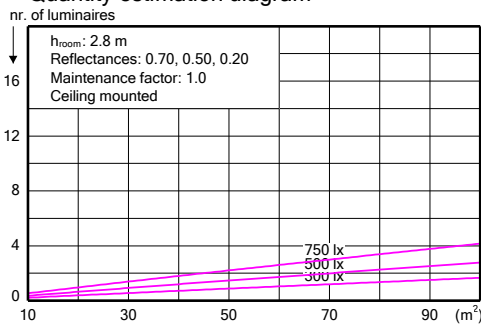
BVP359 D 96LED 27K 220V L40 1xLED 30

1 x 17260 lm

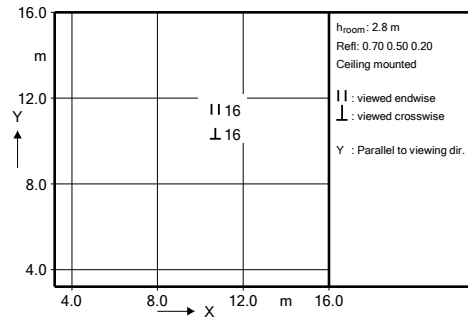
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

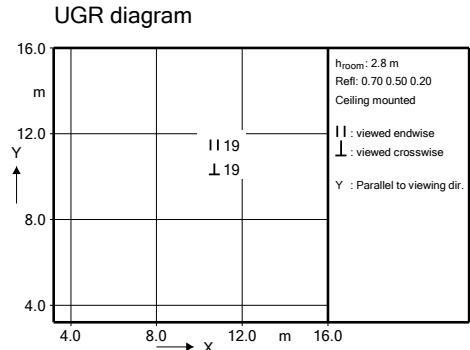
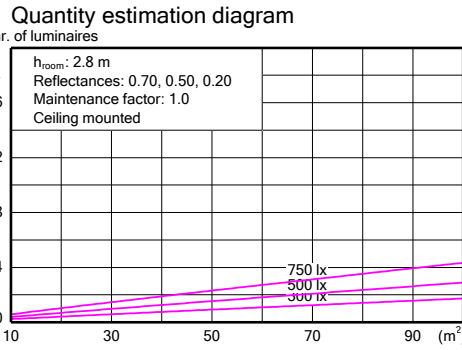
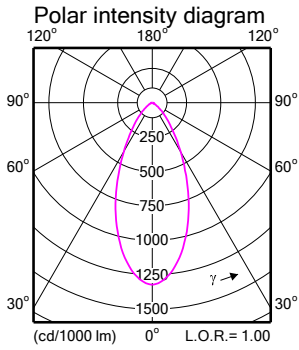
Plane Cone	0.0	45.0	90.0
45.0	10954	9853	10379
50.0	8715	7720	8192
55.0	6712	5845	6252
60.0	4984	4255	4594
65.0	3665	3055	3335
70.0	2536	2054	2272
75.0	1846	1440	1620
80.0	1435	1064	1223
85.0	1199	826	980
90.0	1276	779	970

(cd/m2)

2021-08-30

BVP359 D 96LED 27K 220V L40 1xLED 45

1 x 16665 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

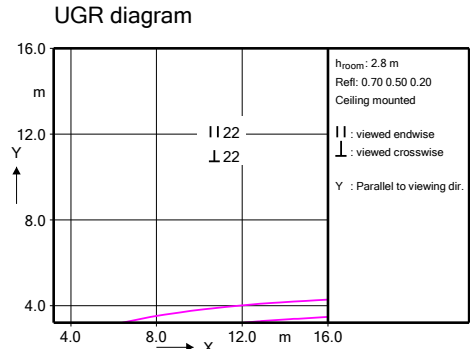
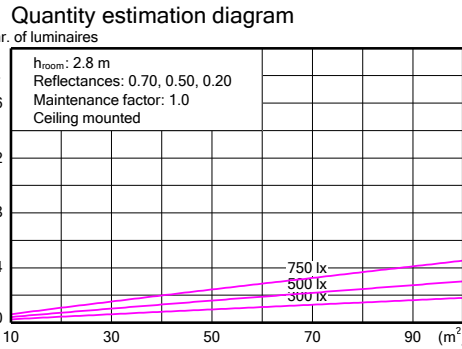
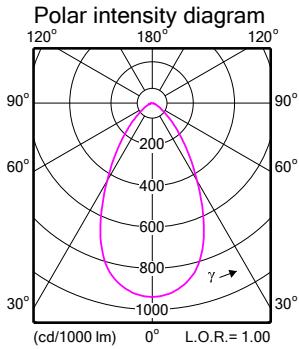
Plane Cone	0.0	45.0	90.0
45.0	20369	18321	19300
50.0	13778	12206	12952
55.0	9019	7853	8401
60.0	5650	4823	5208
65.0	3309	2759	3011
70.0	1523	1233	1364
75.0	861	671	755
80.0	873	648	745
85.0	954	657	779
90.0	1167	713	887

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 27K 220V L40 1xLED 60

1 x 16265 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

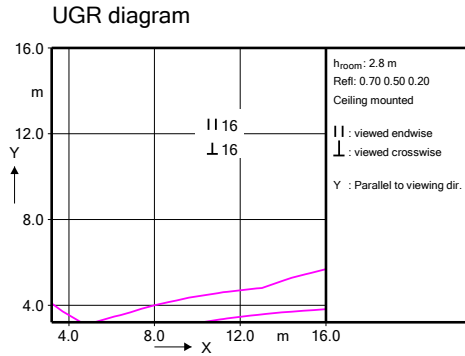
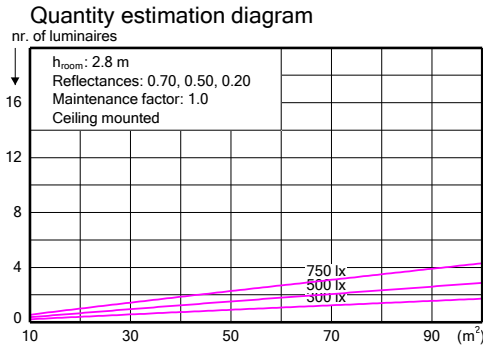
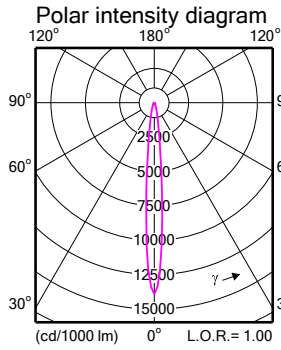
Plane Cone	0.0	45.0	90.0
45.0	23601	21229	22364
50.0	16176	14330	15205
55.0	11142	9702	10379
60.0	8152	6959	7514
65.0	5984	4989	5446
70.0	4104	3323	3676
75.0	2714	2117	2381
80.0	1893	1404	1615
85.0	1349	930	1103
90.0	1259	769	957

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 30K 220V L40 1xLED 10

1 x 16555 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

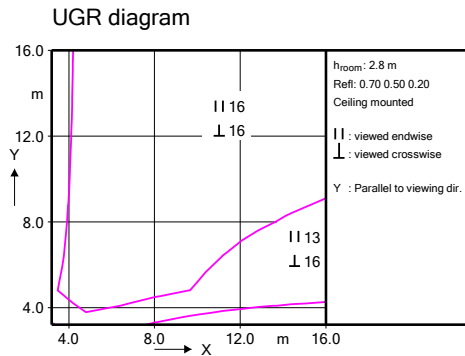
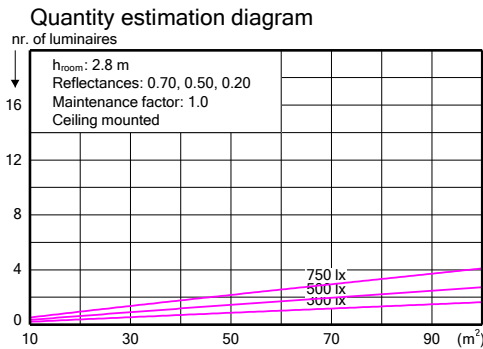
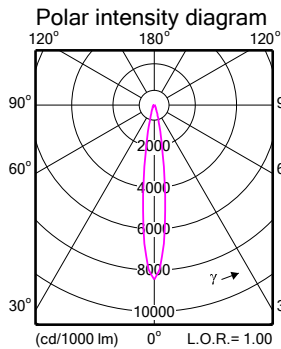
Plane Cone	0.0	45.0	90.0
45.0	9794	8810	9281
50.0	7287	6456	6850
55.0	5215	4541	4858
60.0	3646	3112	3361
65.0	2456	2048	2235
70.0	1490	1207	1335
75.0	1097	856	963
80.0	1145	849	976
85.0	1157	797	946
90.0	1403	857	1066

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 30K 220V L40 1xLED 15

1 x 17385 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

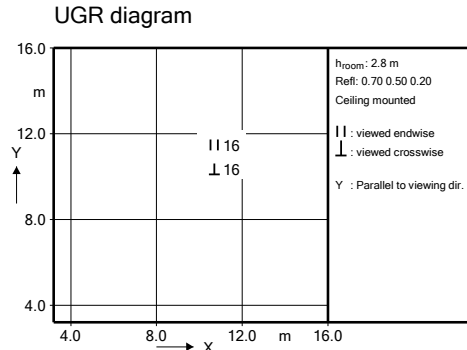
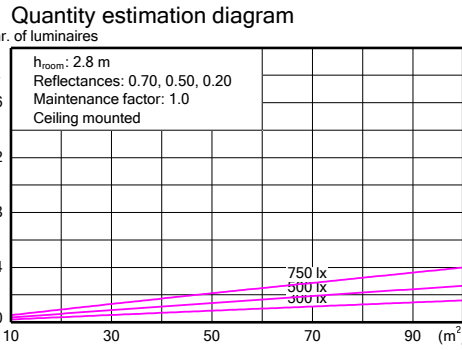
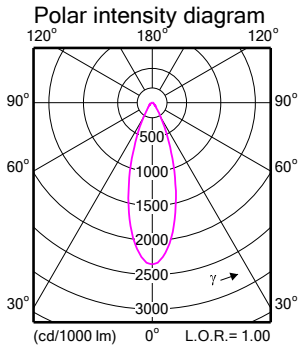
Plane Cone	0.0	45.0	90.0
45.0	9818	8832	9304
50.0	7486	6632	7037
55.0	5548	4831	5168
60.0	3860	3295	3558
65.0	2581	2151	2349
70.0	1549	1254	1388
75.0	1061	828	931
80.0	974	723	831
85.0	919	633	751
90.0	1016	620	772

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 30K 220V L40 1xLED 30

1 x 18005 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

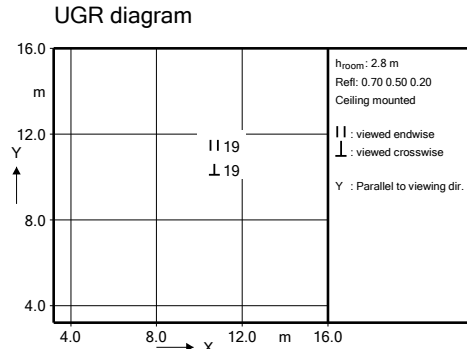
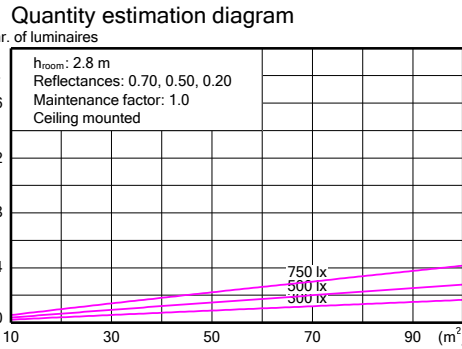
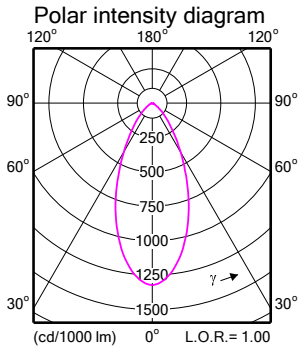
Plane Cone	0.0	45.0	90.0
45.0	11427	10278	10827
50.0	9091	8053	8546
55.0	7002	6097	6522
60.0	5199	4438	4792
65.0	3823	3187	3479
70.0	2646	2142	2370
75.0	1926	1502	1690
80.0	1496	1110	1276
85.0	1251	862	1022
90.0	1331	813	1011

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 30K 220V L40 1xLED 45

1 x 17385 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21249	19113	20134
50.0	14374	12733	13511
55.0	9408	8192	8764
60.0	5894	5031	5433
65.0	3452	2878	3142
70.0	1589	1286	1423
75.0	898	701	788
80.0	911	676	777
85.0	995	686	813
90.0	1218	744	925

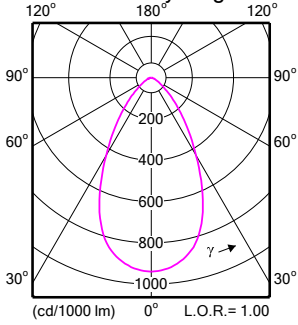
(cd/m<sup>2</sup>)

2021-08-30

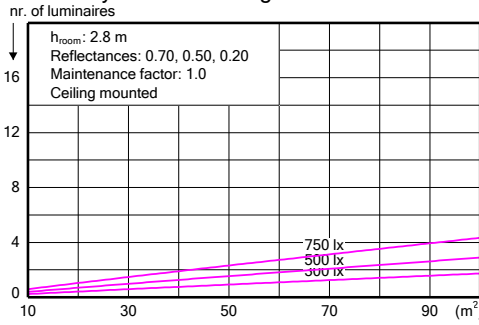
BVP359 D 96LED 30K 220V L40 1xLED 60

1 x 16970 lm

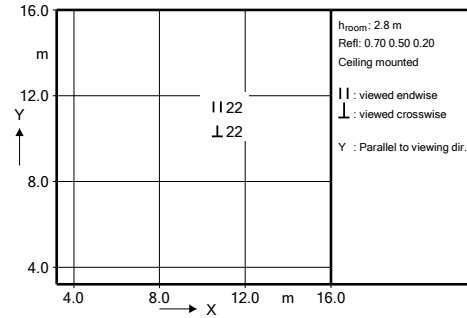
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24624	22150	23333
50.0	16877	14951	15865
55.0	11625	10123	10829
60.0	8506	7260	7840
65.0	6244	5205	5682
70.0	4282	3467	3835
75.0	2831	2209	2484
80.0	1975	1465	1685
85.0	1408	970	1151
90.0	1313	802	998

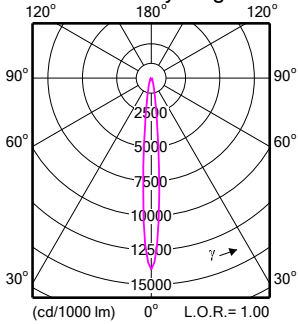
(cd/m<sup>2</sup>)

2021-08-30

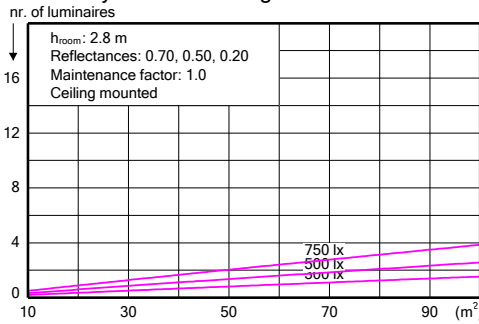
BVP359 D 96LED 40K 220V L40 1xLED 10

1 x 18470 lm

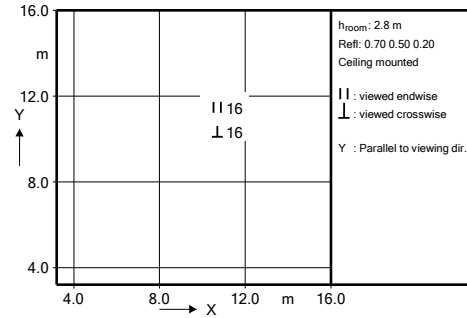
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10927	9829	10354
50.0	8130	7202	7643
55.0	5818	5066	5420
60.0	4068	3472	3749
65.0	2741	2285	2494
70.0	1663	1346	1489
75.0	1224	955	1074
80.0	1277	947	1089
85.0	1291	889	1055
90.0	1565	956	1190

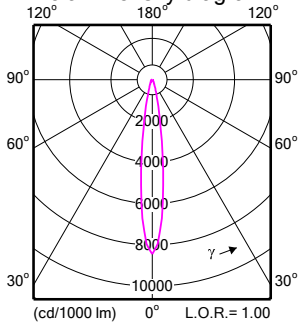
(cd/m<sup>2</sup>)

2021-08-30

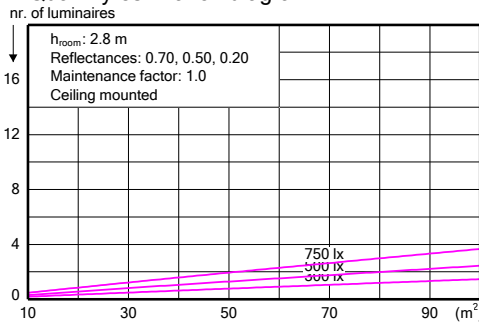
BVP359 D 96LED 40K 220V L40 1xLED 15

1 x 19395 lm

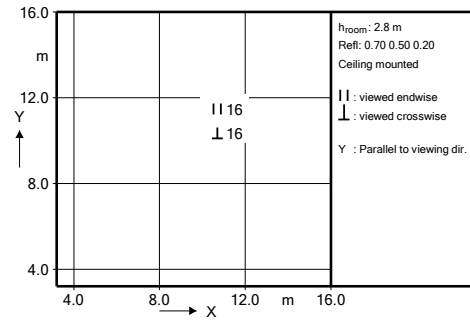
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10954	9853	10379
50.0	8351	7398	7850
55.0	6190	5390	5766
60.0	4307	3676	3969
65.0	2879	2400	2620
70.0	1728	1399	1548
75.0	1184	924	1039
80.0	1087	806	927
85.0	1025	706	837
90.0	1133	692	861

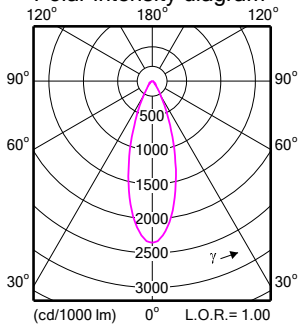
(cd/m2)

2021-08-30

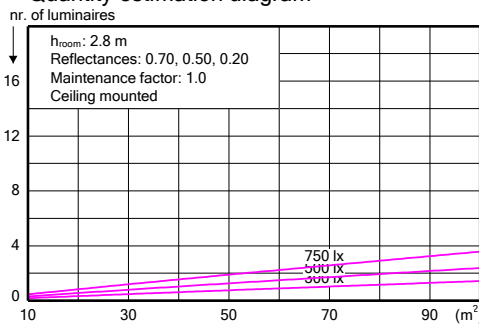
BVP359 D 96LED 40K 220V L40 1xLED 30

1 x 20085 lm

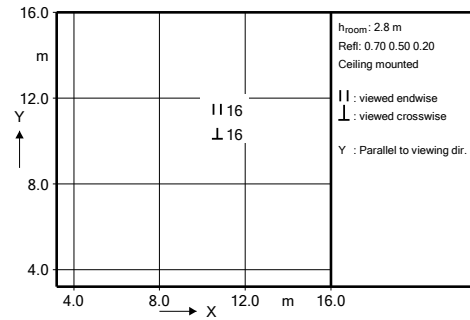
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

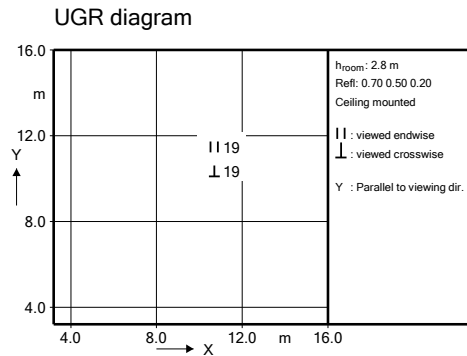
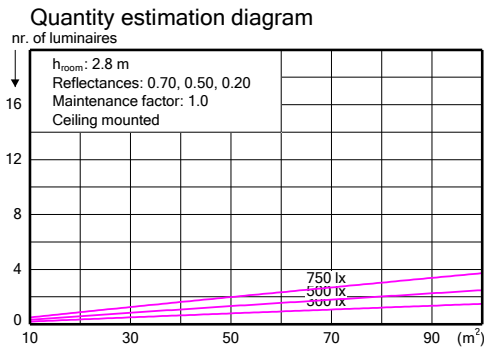
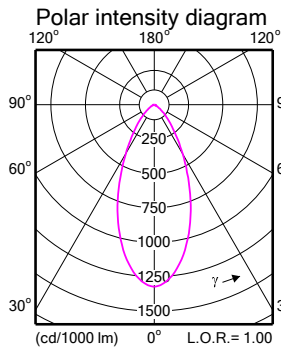
Plane Cone	0.0	45.0	90.0
45.0	12747	11466	12078
50.0	10141	8984	9533
55.0	7811	6801	7276
60.0	5800	4951	5346
65.0	4265	3555	3881
70.0	2952	2390	2644
75.0	2148	1676	1885
80.0	1669	1238	1424
85.0	1396	961	1140
90.0	1485	907	1128

(cd/m2)

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BVP359 D 96LED 40K 220V L40 1xLED 45

1 x 19395 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

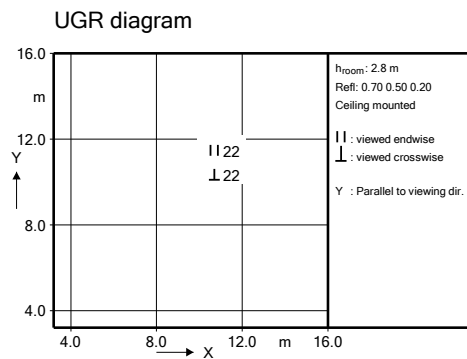
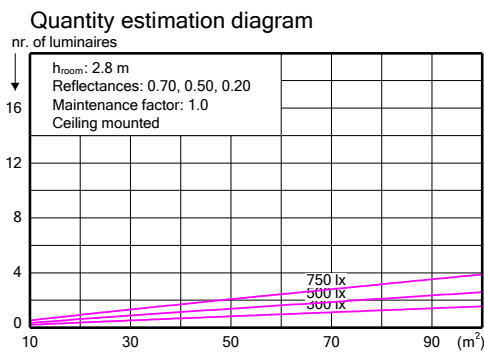
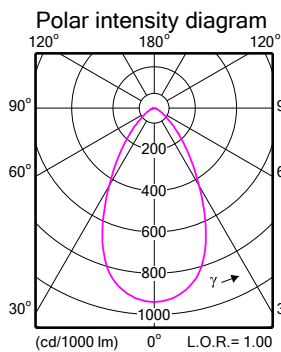
Plane Cone	0.0	45.0	90.0
45.0	23705	21323	22462
50.0	16036	14206	15074
55.0	10496	9139	9777
60.0	6576	5613	6061
65.0	3851	3211	3505
70.0	1773	1435	1588
75.0	1002	781	879
80.0	1016	754	867
85.0	1110	765	907
90.0	1359	830	1032

(cd/m<sup>2</sup>)

2021-08-30

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1 x 18930 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

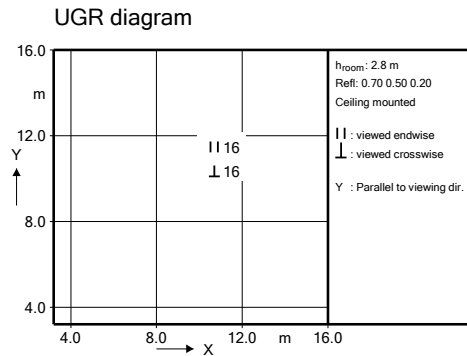
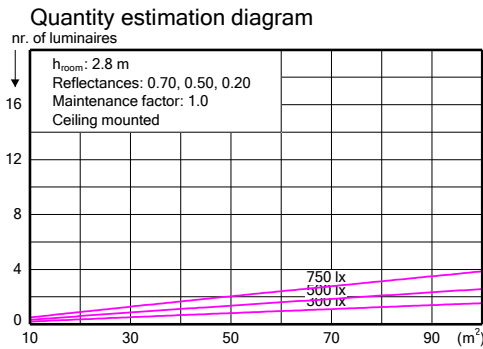
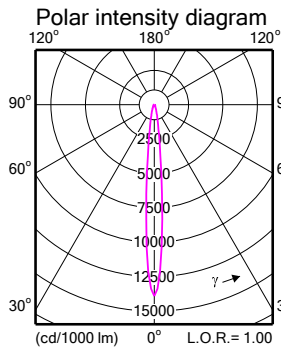
Plane Cone	0.0	45.0	90.0
45.0	27468	24708	26028
50.0	18826	16678	17697
55.0	12968	11292	12080
60.0	9488	8099	8745
65.0	6965	5806	6338
70.0	4776	3867	4278
75.0	3158	2464	2771
80.0	2203	1634	1879
85.0	1571	1082	1283
90.0	1465	895	1114

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 50K 220V L40 1xLED 10

1 x 18470 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

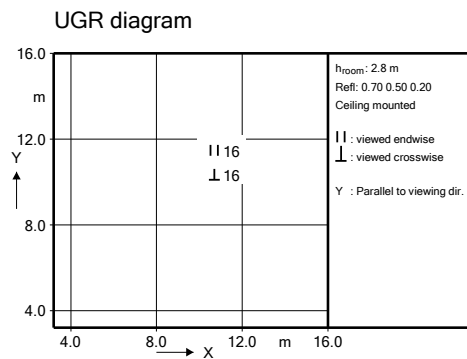
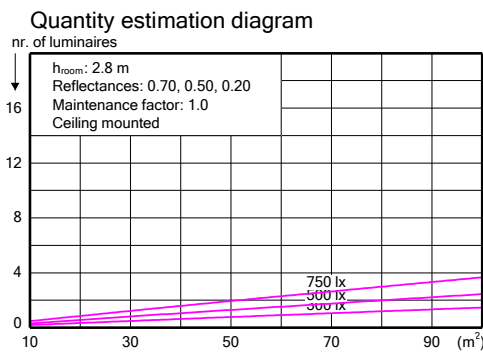
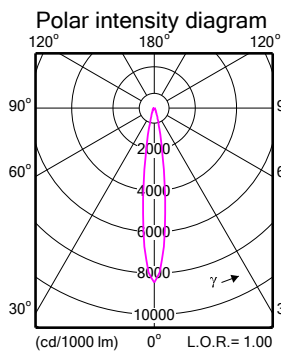
Plane Cone	0.0	45.0	90.0
45.0	10927	9829	10354
50.0	8130	7202	7643
55.0	5818	5066	5420
60.0	4068	3472	3749
65.0	2741	2285	2494
70.0	1663	1346	1489
75.0	1224	955	1074
80.0	1277	947	1089
85.0	1291	889	1055
90.0	1565	956	1190

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 50K 220V L40 1xLED 15

1 x 19395 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10954	9853	10379
50.0	8351	7398	7850
55.0	6190	5390	5766
60.0	4307	3676	3969
65.0	2879	2400	2620
70.0	1728	1399	1548
75.0	1184	924	1039
80.0	1087	806	927
85.0	1025	706	837
90.0	1133	692	861

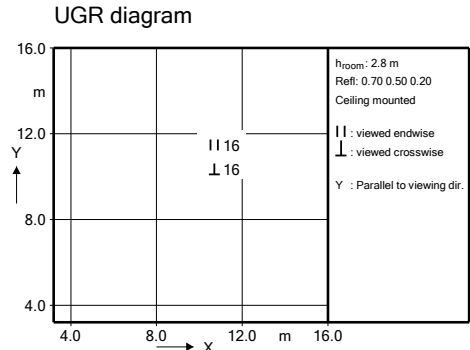
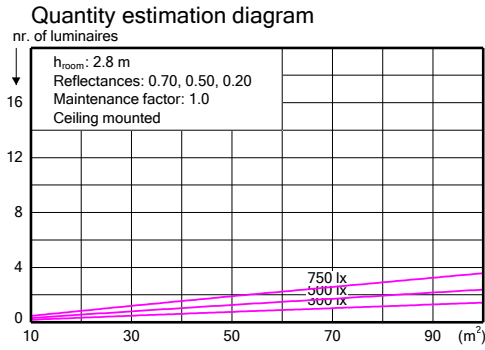
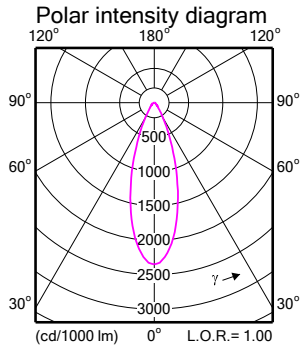
(cd/m<sup>2</sup>)

2021-08-30



BVP359 D 96LED 50K 220V L40 1xLED 30

1 x 20085 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

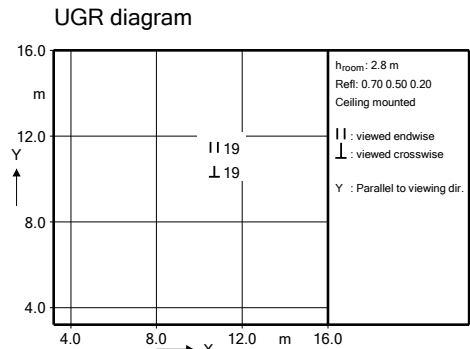
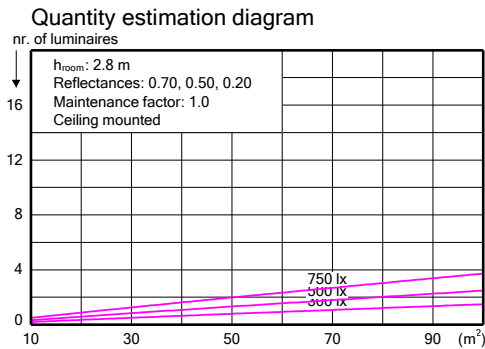
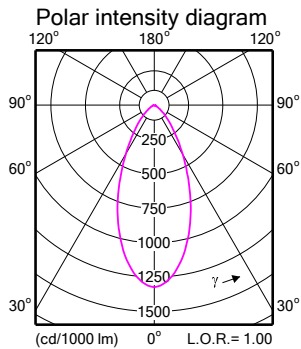
Plane Cone	0.0	45.0	90.0
45.0	12747	11466	12078
50.0	10141	8984	9533
55.0	7811	6801	7276
60.0	5800	4951	5346
65.0	4265	3555	3881
70.0	2952	2390	2644
75.0	2148	1676	1885
80.0	1669	1238	1424
85.0	1396	961	1140
90.0	1485	907	1128

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 50K 220V L40 1xLED 45

1 x 19395 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

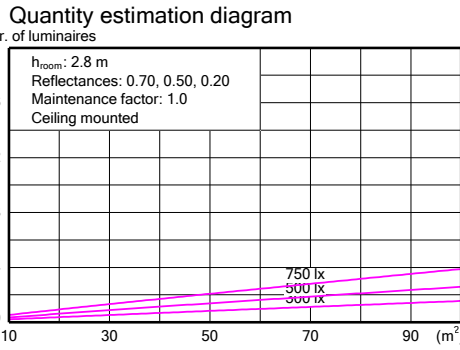
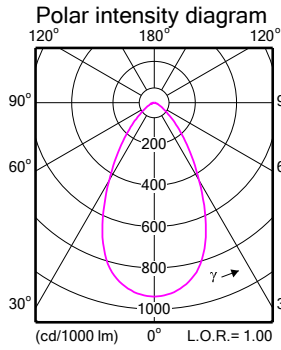
Plane Cone	0.0	45.0	90.0
45.0	23705	21323	22462
50.0	16036	14206	15074
55.0	10496	9139	9777
60.0	6576	5613	6061
65.0	3851	3211	3505
70.0	1773	1435	1588
75.0	1002	781	879
80.0	1016	754	867
85.0	1110	765	907
90.0	1359	830	1032

(cd/m<sup>2</sup>)

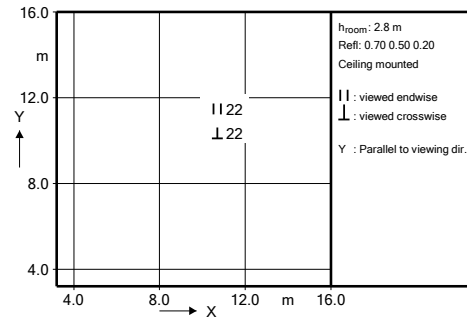
2021-08-30

BVP359 D 96LED 50K 220V L40 1xLED 60

1 x 18930 lm



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

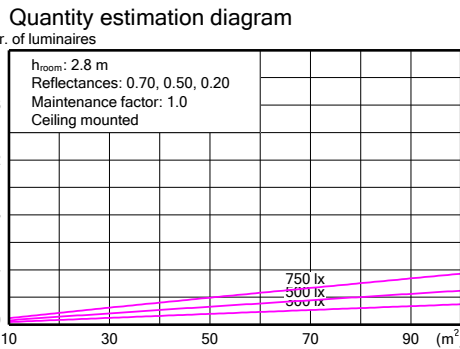
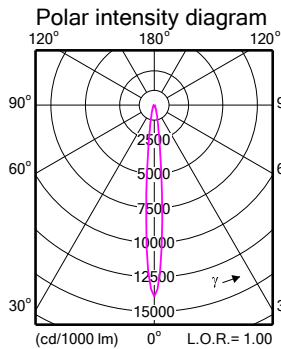
Plane Cone	0.0	45.0	90.0
45.0	27468	24708	26028
50.0	18826	16678	17697
55.0	12968	11292	12080
60.0	9488	8099	8745
65.0	6965	5806	6338
70.0	4776	3867	4278
75.0	3158	2464	2771
80.0	2203	1634	1879
85.0	1571	1082	1283
90.0	1465	895	1114

(cd/m<sup>2</sup>)

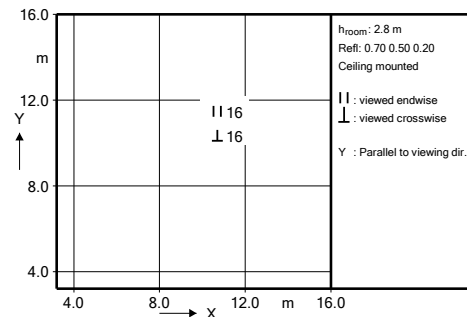
2021-08-30

BVP359 D 96LED 57K 220V L40 1xLED 10

1 x 19155 lm



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

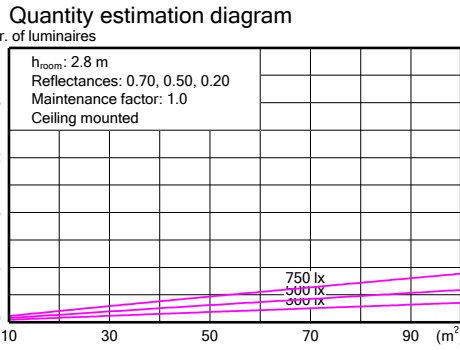
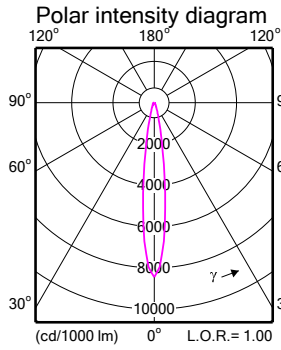
Plane Cone	0.0	45.0	90.0
45.0	11333	10194	10738
50.0	8432	7470	7926
55.0	6034	5254	5621
60.0	4219	3601	3889
65.0	2842	2369	2586
70.0	1724	1396	1545
75.0	1269	990	1114
80.0	1325	982	1130
85.0	1339	922	1094
90.0	1623	991	1234

(cd/m<sup>2</sup>)

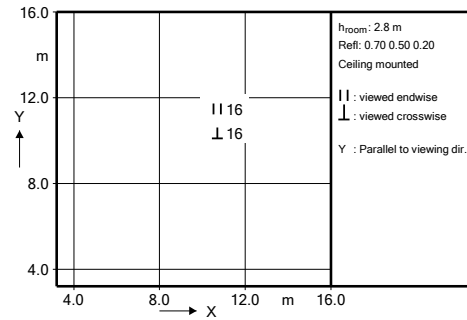
2021-08-30

BVP359 D 96LED 57K 220V L40 1xLED 15

1 x 20110 lm



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

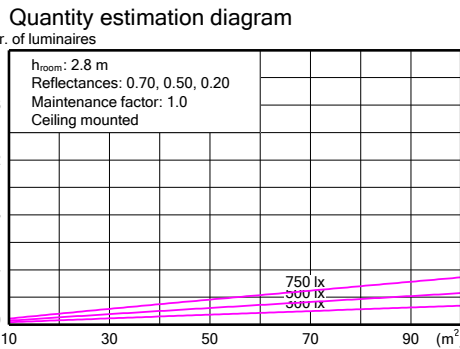
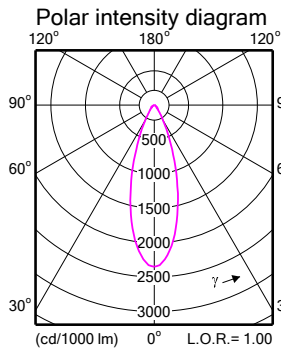
Plane Cone	0.0	45.0	90.0
45.0	11357	10216	10762
50.0	8659	7671	8140
55.0	6418	5589	5979
60.0	4465	3812	4116
65.0	2985	2489	2717
70.0	1792	1451	1605
75.0	1228	958	1077
80.0	1127	836	961
85.0	1063	732	868
90.0	1175	718	893

(cd/m2)

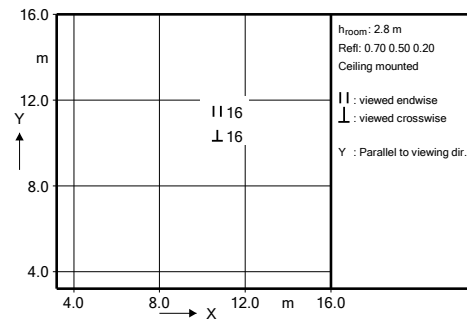
2021-08-30

BVP359 D 96LED 57K 220V L40 1xLED 30

1 x 20830 lm



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

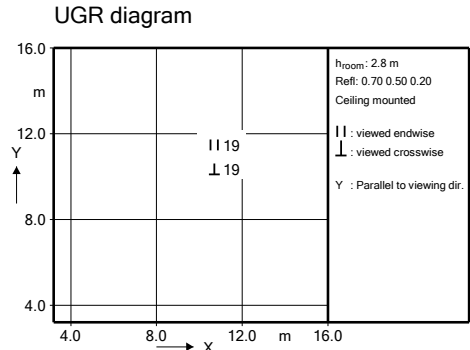
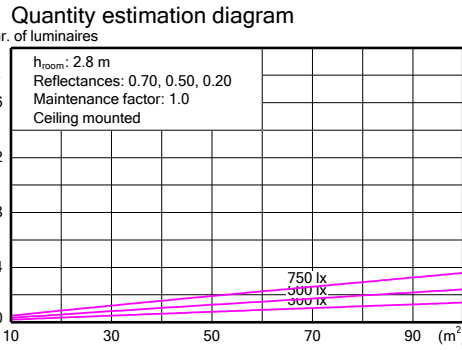
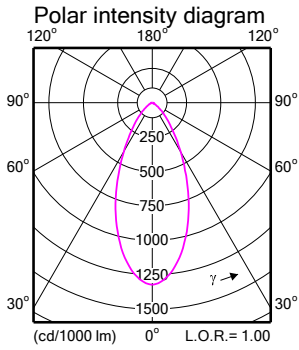
Plane Cone	0.0	45.0	90.0
45.0	13220	11891	12526
50.0	10517	9317	9886
55.0	8100	7054	7546
60.0	6015	5135	5544
65.0	4423	3687	4025
70.0	3061	2479	2742
75.0	2228	1738	1955
80.0	1731	1284	1476
85.0	1447	997	1183
90.0	1540	940	1170

(cd/m2)

2021-08-30

BVP359 D 96LED 57K 220V L40 1xLED 45

1 x 20110 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

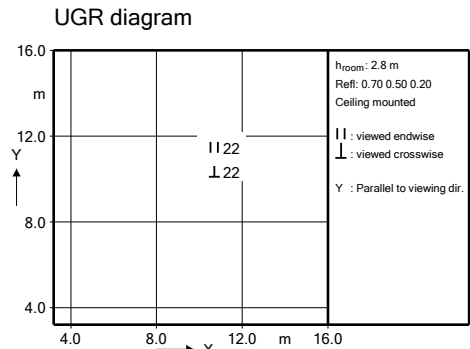
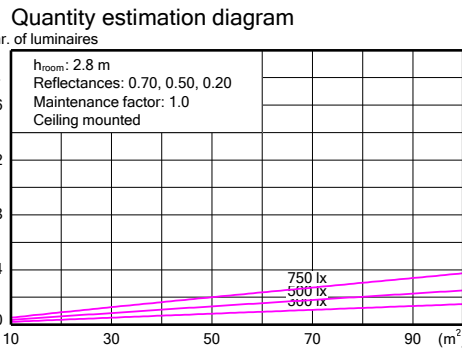
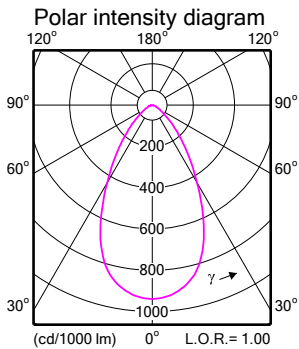
Plane Cone	0.0	45.0	90.0
45.0	24579	22109	23290
50.0	16627	14729	15629
55.0	10883	9476	10138
60.0	6818	5820	6284
65.0	3993	3329	3634
70.0	1838	1488	1646
75.0	1039	810	911
80.0	1054	782	899
85.0	1151	793	941
90.0	1409	860	1071

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 57K 220V L40 1xLED 60

1 x 19635 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

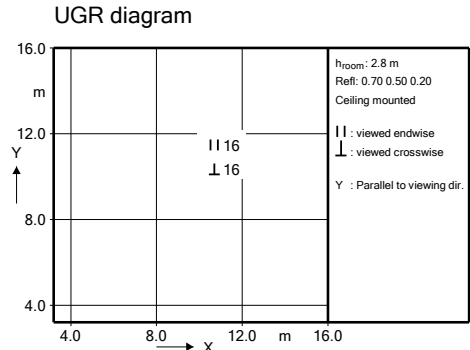
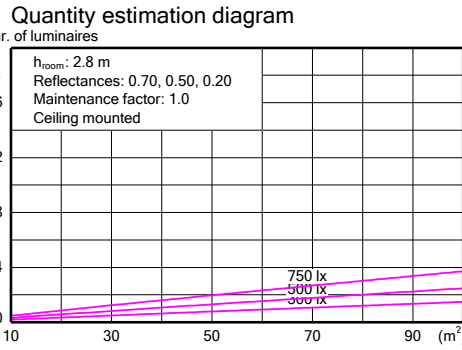
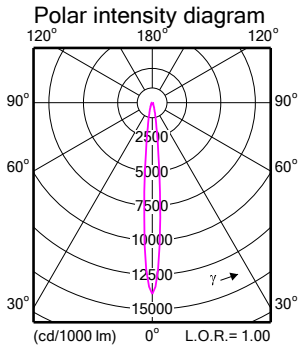
Plane Cone	0.0	45.0	90.0
45.0	28491	25628	26997
50.0	19527	17299	18356
55.0	13451	11712	12530
60.0	9841	8401	9071
65.0	7224	6022	6574
70.0	4954	4011	4438
75.0	3276	2555	2874
80.0	2286	1695	1949
85.0	1629	1122	1331
90.0	1520	928	1155

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 65K 220V L40 1xLED 10

1 x 19155 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

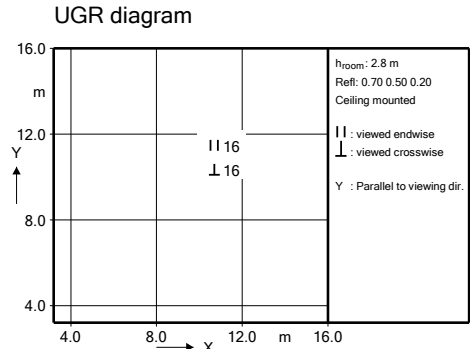
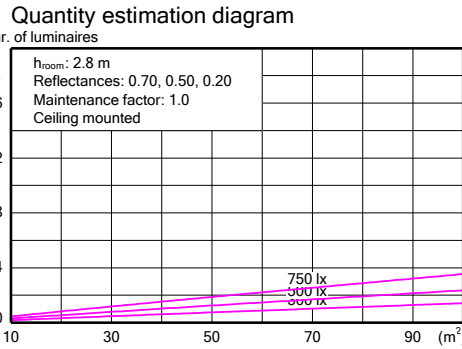
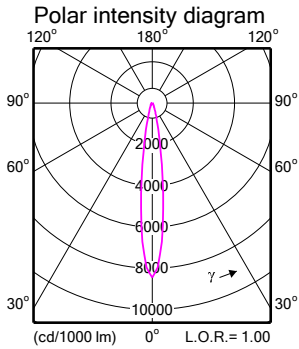
Plane Cone	0.0	45.0	90.0
45.0	11333	10194	10738
50.0	8432	7470	7926
55.0	6034	5254	5621
60.0	4219	3601	3889
65.0	2842	2369	2586
70.0	1724	1396	1545
75.0	1269	990	1114
80.0	1325	982	1130
85.0	1339	922	1094
90.0	1623	991	1234

(cd/m2)

2021-08-30

BVP359 D 96LED 65K 220V L40 1xLED 15

1 x 20110 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

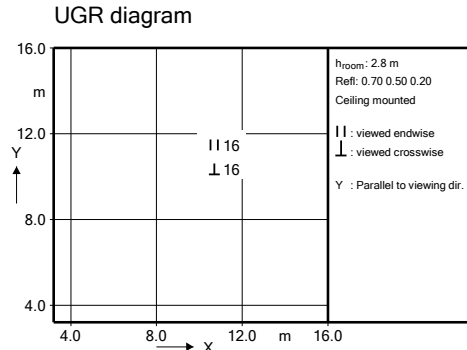
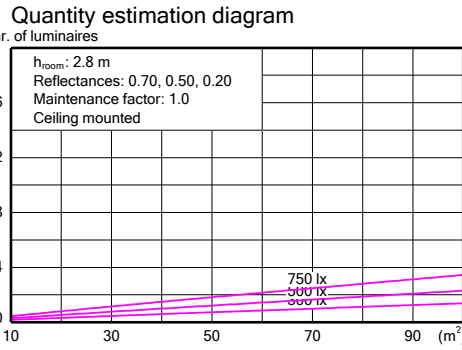
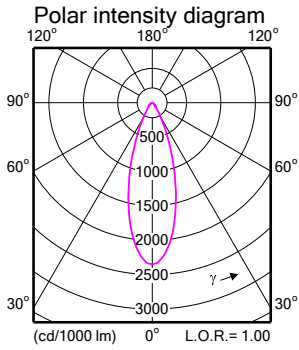
Plane Cone	0.0	45.0	90.0
45.0	11357	10216	10762
50.0	8659	7671	8140
55.0	6418	5589	5979
60.0	4465	3812	4116
65.0	2985	2489	2717
70.0	1792	1451	1605
75.0	1228	958	1077
80.0	1127	836	961
85.0	1063	732	868
90.0	1175	718	893

(cd/m2)

2021-08-30

BVP359 D 96LED 65K 220V L40 1xLED 30

1 x 20830 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

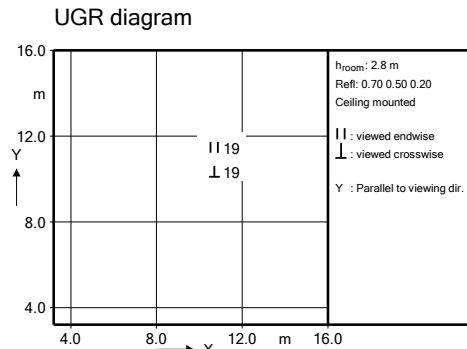
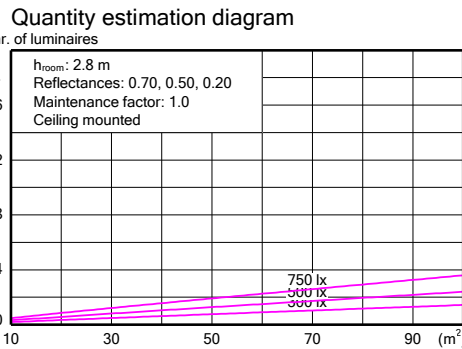
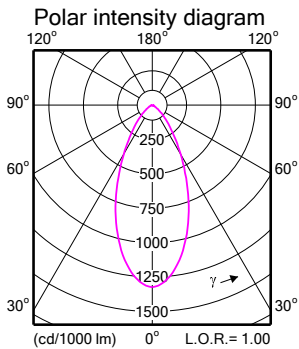
Plane Cone	0.0	45.0	90.0
45.0	13220	11891	12526
50.0	10517	9317	9886
55.0	8100	7054	7546
60.0	6015	5135	5544
65.0	4423	3687	4025
70.0	3061	2479	2742
75.0	2228	1738	1955
80.0	1731	1284	1476
85.0	1447	997	1183
90.0	1540	940	1170

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED 65K 220V L40 1xLED 45

1 x 20110 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24579	22109	23290
50.0	16627	14729	15629
55.0	10883	9476	10138
60.0	6818	5820	6284
65.0	3993	3329	3634
70.0	1838	1488	1646
75.0	1039	810	911
80.0	1054	782	899
85.0	1151	793	941
90.0	1409	860	1071

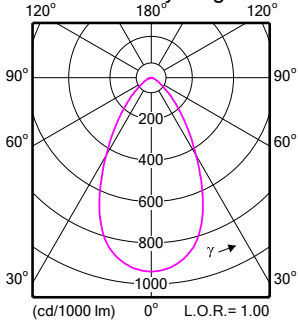
(cd/m<sup>2</sup>)

2021-08-30

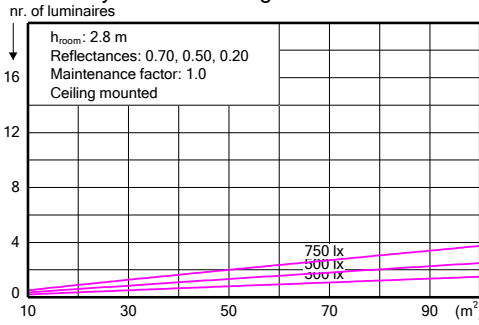
BVP359 D 96LED 65K 220V L40 1xLED 60

1 x 19635 lm

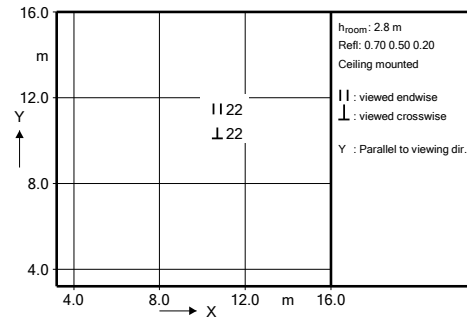
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28491	25628	26997
50.0	19527	17299	18356
55.0	13451	11712	12530
60.0	9841	8401	9071
65.0	7224	6022	6574
70.0	4954	4011	4438
75.0	3276	2555	2874
80.0	2286	1695	1949
85.0	1629	1122	1331
90.0	1520	928	1155

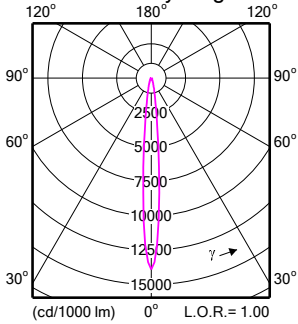
(cd/m<sup>2</sup>)

2021-08-30

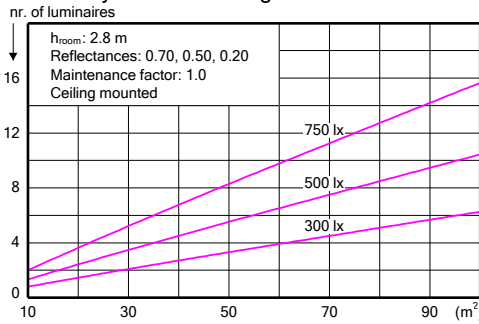
BVP359 D 96LED BL 220V L40 1xLED 10

1 x 4550 lm

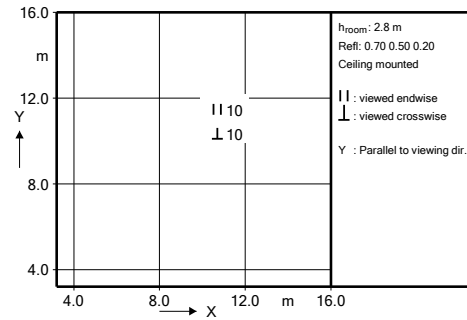
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

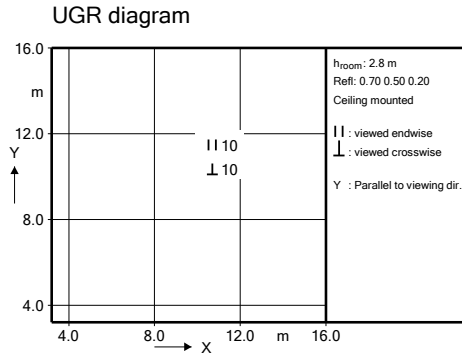
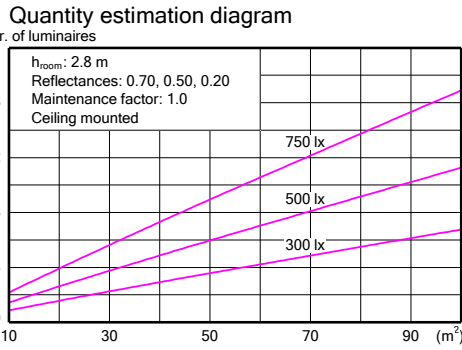
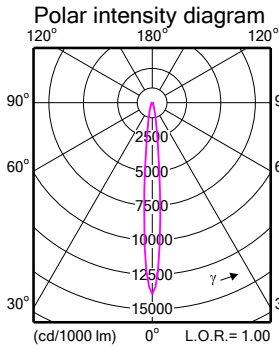
Plane Cone	0.0	45.0	90.0
45.0	2692	2421	2551
50.0	2003	1774	1883
55.0	1433	1248	1335
60.0	1002	855	924
65.0	675	563	614
70.0	410	332	367
75.0	302	235	265
80.0	315	233	268
85.0	318	219	260
90.0	386	235	293

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED BL 220V L40 DMX 1xLED 10

1 x 4215 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

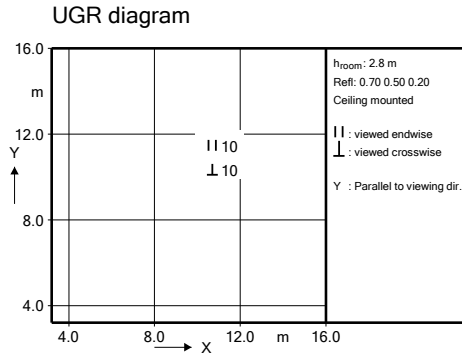
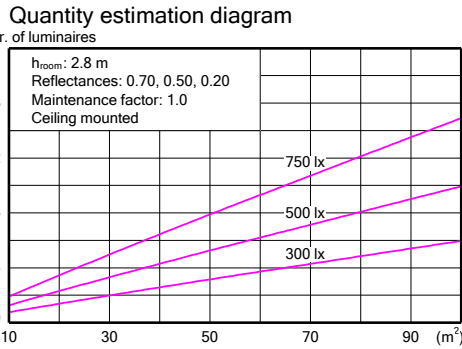
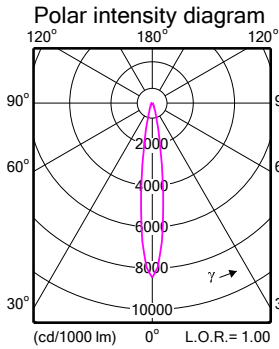
Plane Cone	0.0	45.0	90.0
45.0	2494	2243	2363
50.0	1855	1644	1744
55.0	1328	1156	1237
60.0	928	792	856
65.0	625	521	569
70.0	379	307	340
75.0	279	218	245
80.0	291	216	249
85.0	295	203	241
90.0	357	218	271

(cd/m2)

2021-08-30

BVP359 D 96LED BL 220V L40 1xLED 15

1 x 4780 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2700	2428	2558
50.0	2058	1823	1935
55.0	1526	1328	1421
60.0	1061	906	978
65.0	710	592	646
70.0	426	345	382
75.0	292	228	256
80.0	268	199	228
85.0	253	174	206
90.0	279	171	212

(cd/m2)

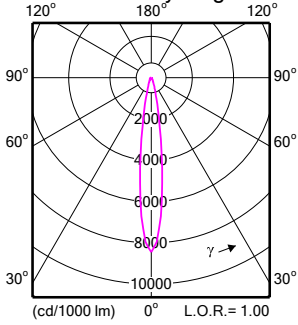
2021-08-30



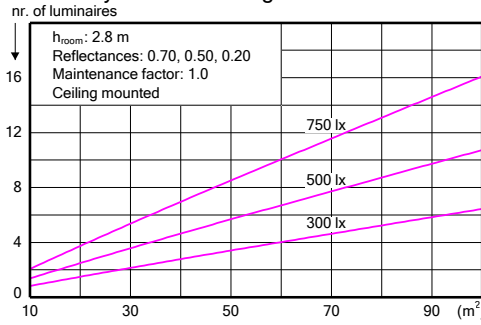
BVP359 D 96LED BL 220V L40 DMX 1xLED 15

1 x 4425 lm

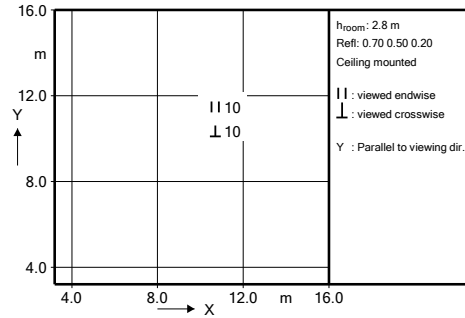
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2499	2248	2368
50.0	1905	1688	1791
55.0	1412	1230	1316
60.0	983	839	906
65.0	657	548	598
70.0	394	319	353
75.0	270	211	237
80.0	248	184	212
85.0	234	161	191
90.0	259	158	197

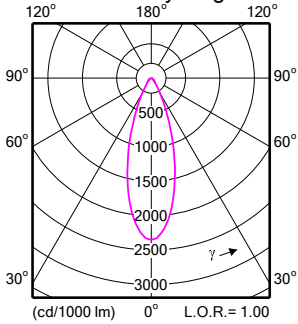
(cd/m2)

2021-08-30

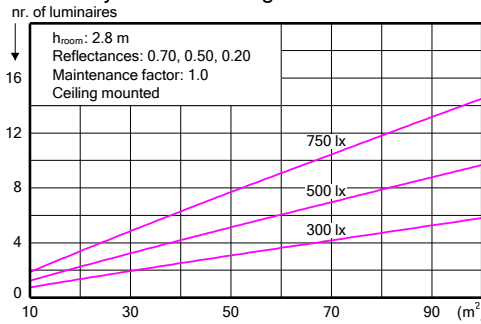
BVP359 D 96LED BL 220V L40 1xLED 30

1 x 4950 lm

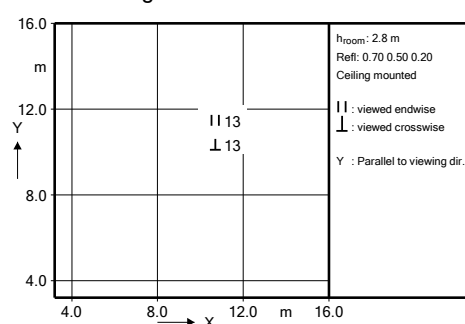
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

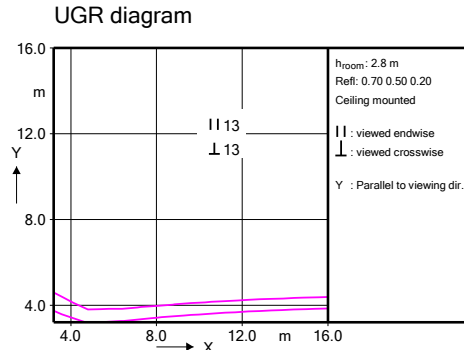
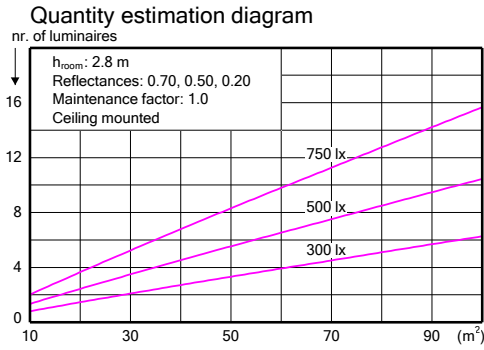
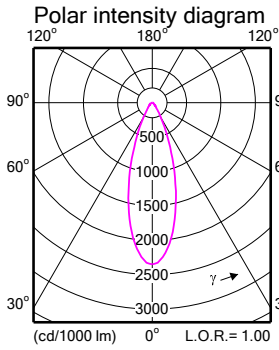
Plane Cone	0.0	45.0	90.0
45.0	3141	2826	2977
50.0	2499	2214	2349
55.0	1925	1676	1793
60.0	1429	1220	1318
65.0	1051	876	957
70.0	727	589	652
75.0	529	413	464
80.0	411	305	351
85.0	344	237	281
90.0	366	223	278

(cd/m2)

2021-08-30

BVP359 D 96LED BL 220V L40 DMX 1xLED 30

1 x 4585 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

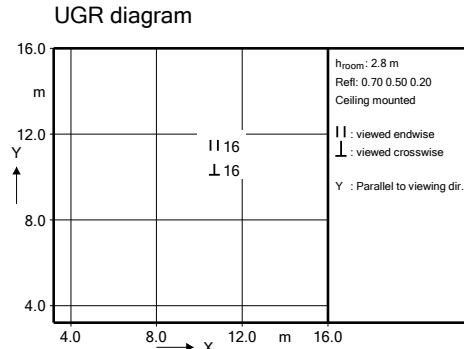
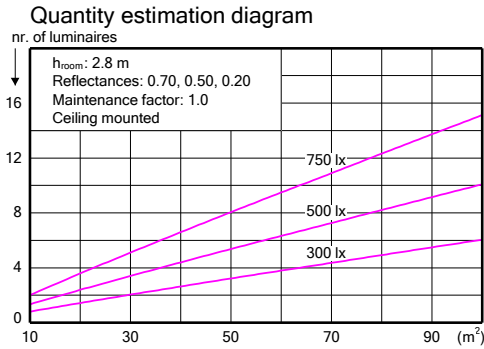
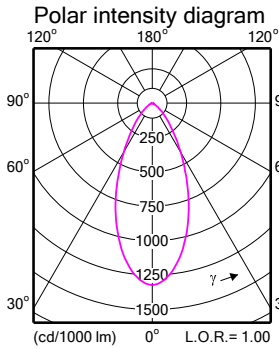
Plane Cone	0.0	45.0	90.0
45.0	2910	2617	2757
50.0	2315	2051	2176
55.0	1783	1553	1661
60.0	1324	1130	1220
65.0	974	812	886
70.0	674	546	604
75.0	490	382	430
80.0	381	283	325
85.0	319	219	260
90.0	339	207	258

(cd/m2)

2021-08-30

BVP359 D 96LED BL 220V L40 1xLED 45

1 x 4780 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

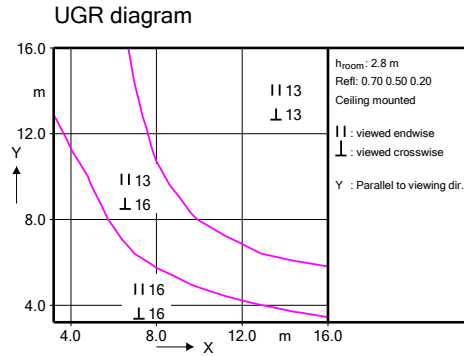
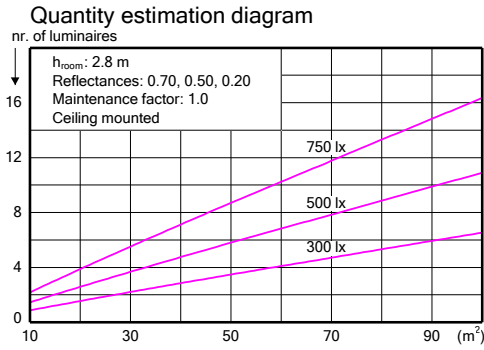
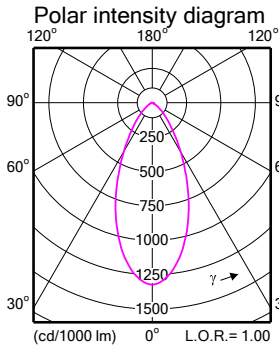
Plane Cone	0.0	45.0	90.0
45.0	5842	5255	5536
50.0	3952	3501	3715
55.0	2587	2252	2410
60.0	1621	1383	1494
65.0	949	791	864
70.0	437	354	391
75.0	247	193	217
80.0	250	186	214
85.0	274	188	224
90.0	335	204	254

(cd/m2)

2021-08-30

BVP359 D 96LED BL 220V L40 DMX 1xLED 45

1 x 4425 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

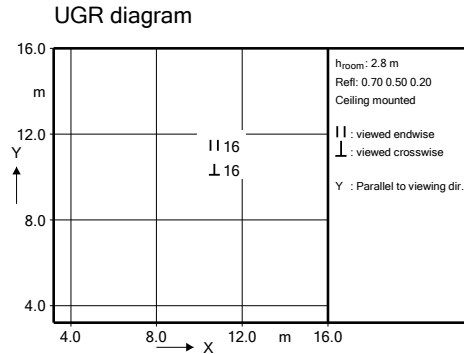
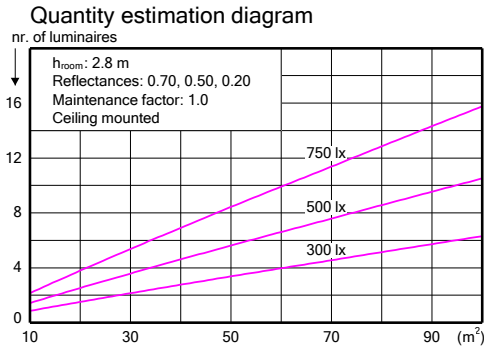
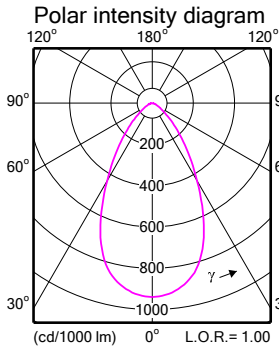
Plane Cone	0.0	45.0	90.0
45.0	5408	4865	5125
50.0	3659	3241	3439
55.0	2395	2085	2231
60.0	1500	1281	1383
65.0	879	732	800
70.0	404	327	362
75.0	229	178	201
80.0	232	172	198
85.0	253	174	207
90.0	310	189	236

(cd/m2)

2021-08-30

BVP359 D 96LED BL 220V L40 1xLED 60

1 x 4665 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6769	6089	6414
50.0	4639	4110	4361
55.0	3196	2783	2977
60.0	2338	1996	2155
65.0	1715	1431	1562
70.0	1177	953	1054
75.0	778	607	683
80.0	543	403	463
85.0	387	267	316
90.0	361	220	274

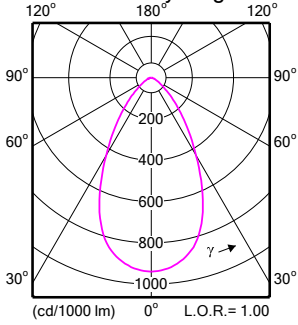
(cd/m2)

2021-08-30

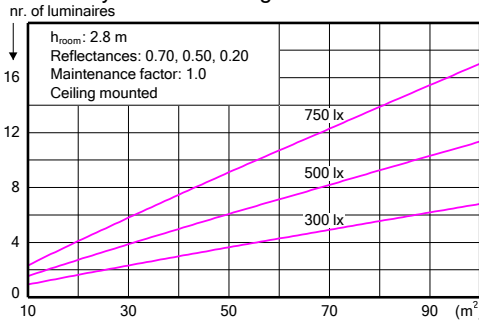
BVP359 D 96LED BL 220V L40 DMX 1xLED 60

1 x 4320 lm

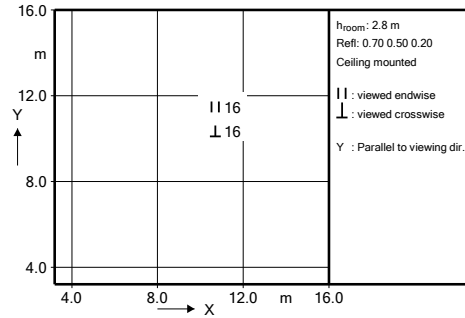
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																					
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00		
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00		
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.75	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.75
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.05	1.00	0.98	0.97	0.96	0.96	0.95	0.93	1.14	1.01	1.12	1.05	1.00	0.98	0.97	0.96	0.95	0.93	0.92
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.97	0.95	0.94
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	0.99	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6269	5639	5940
50.0	4296	3806	4039
55.0	2959	2577	2757
60.0	2165	1848	1996
65.0	1589	1325	1446
70.0	1090	883	976
75.0	721	562	632
80.0	503	373	429
85.0	358	247	293
90.0	334	204	254

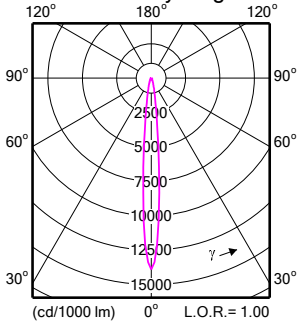
(cd/m2)

2021-08-30

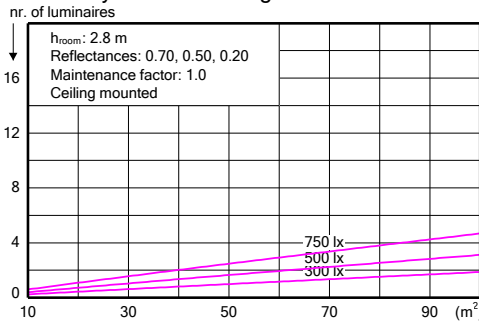
BVP359 D 96LED GN 220V L40 1xLED 10

1 x 15215 lm

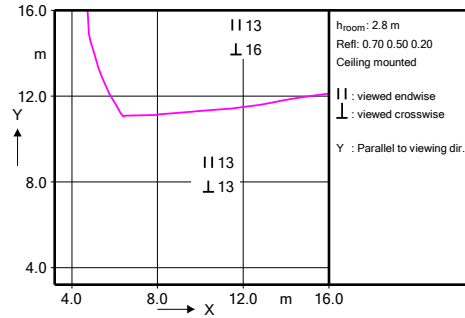
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																					
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00		
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00		
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.05	1.00	0.98	0.97	0.96	0.96	0.95	0.93	1.14	1.01	1.12	1.05	1.00	0.98	0.97	0.96	0.95	0.93	0.92
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.97	0.95	0.94
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	0.99	0.95

Ceiling mounted

Luminance Table

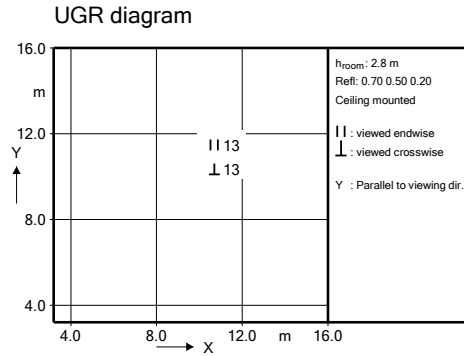
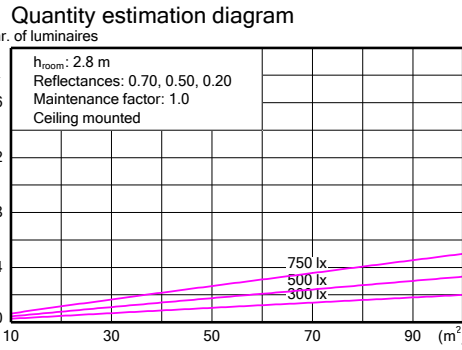
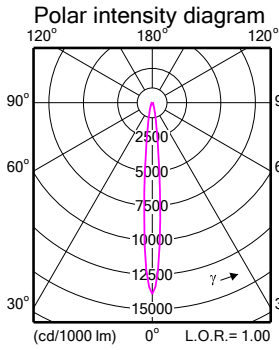
Plane Cone	0.0	45.0	90.0
45.0	9002	8097	8529
50.0	6698	5933	6296
55.0	4793	4174	4465
60.0	3351	2860	3089
65.0	2258	1882	2054
70.0	1370	1109	1227
75.0	1008	787	885
80.0	1052	780	897
85.0	1063	733	869
90.0	1290	787	980

(cd/m2)

2021-08-30

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1 x 14270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

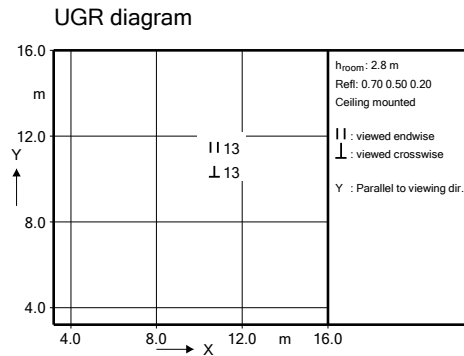
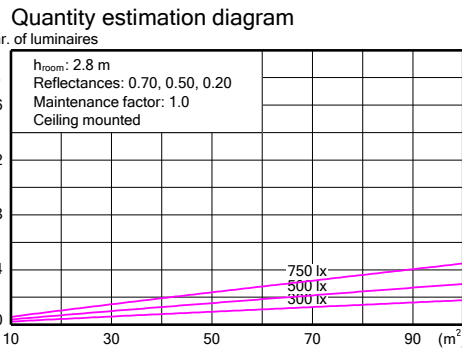
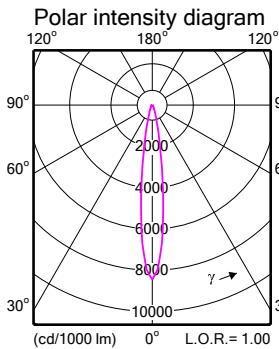
Plane Cone	0.0	45.0	90.0
45.0	8442	7594	8000
50.0	6282	5565	5905
55.0	4495	3914	4188
60.0	3143	2683	2897
65.0	2117	1765	1927
70.0	1285	1040	1151
75.0	946	738	830
80.0	987	732	842
85.0	997	687	815
90.0	1209	739	919

(cd/m2)

2021-08-30

BVP359 D 96LED GN 220V L40 1xLED 15

1 x 15975 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9022	8115	8549
50.0	6879	6094	6466
55.0	5098	4439	4749
60.0	3547	3028	3270
65.0	2371	1977	2158
70.0	1424	1153	1275
75.0	975	761	856
80.0	895	664	764
85.0	844	581	690
90.0	934	570	709

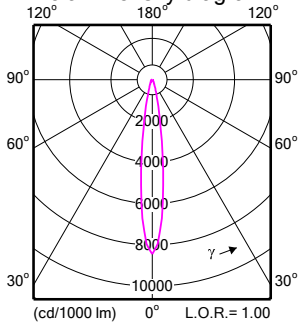
(cd/m2)

2021-08-30

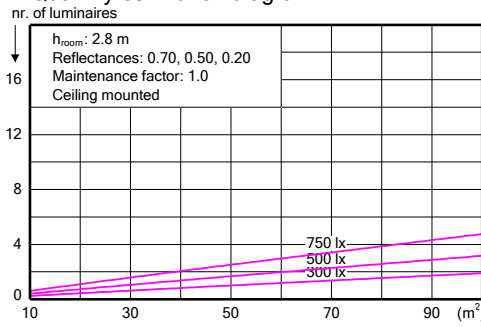
BVP359 D 96LED GN 220V L40 DMX 1xLED 15

1 x 14980 lm

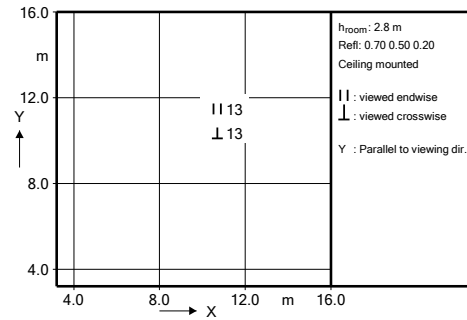
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8460	7610	8017
50.0	6450	5714	6063
55.0	4781	4163	4453
60.0	3326	2839	3066
65.0	2224	1854	2024
70.0	1335	1081	1196
75.0	914	713	802
80.0	840	623	716
85.0	791	545	647
90.0	875	535	665

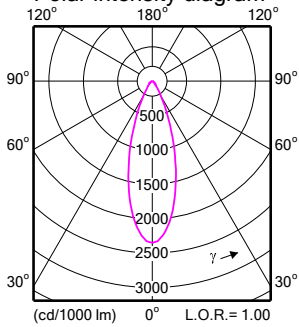
(cd/m<sup>2</sup>)

2021-08-30

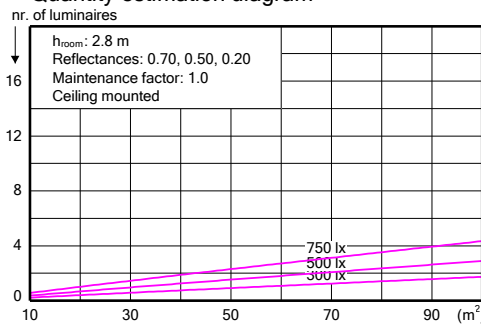
BVP359 D 96LED GN 220V L40 1xLED 30

1 x 16550 lm

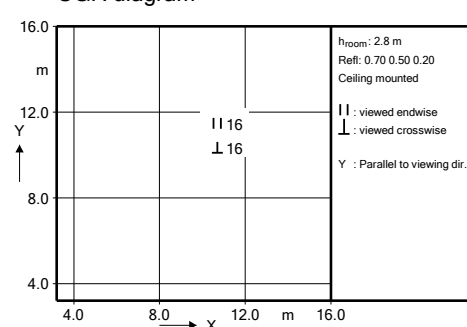
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 90 97 99 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

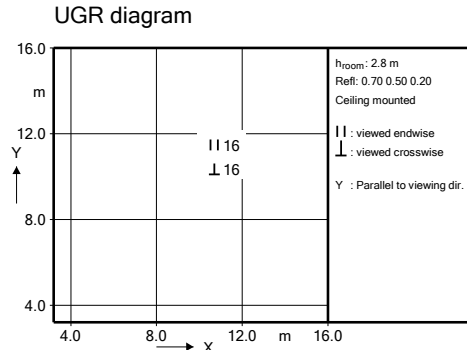
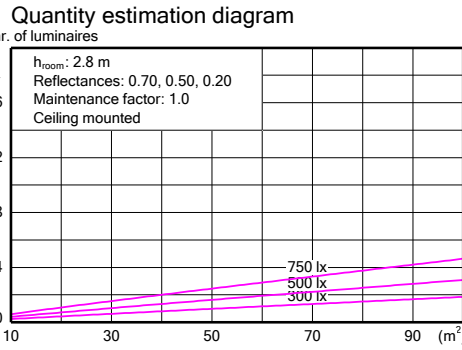
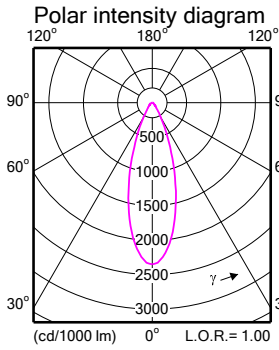
Plane Cone	0.0	45.0	90.0
45.0	10503	9448	9952
50.0	8356	7403	7855
55.0	6436	5604	5995
60.0	4779	4080	4405
65.0	3514	2930	3198
70.0	2432	1969	2178
75.0	1770	1381	1553
80.0	1376	1020	1173
85.0	1150	792	940
90.0	1223	747	930

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED GN 220V L40 DMX 1xLED 30

1 x 15515 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

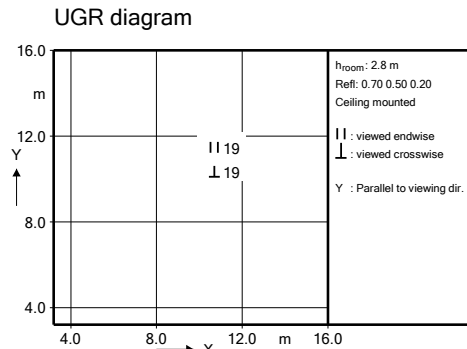
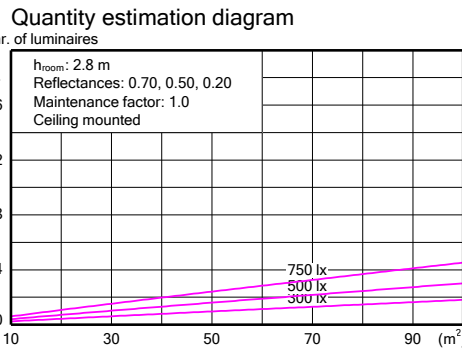
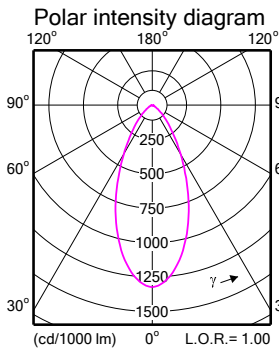
Plane Cone	0.0	45.0	90.0
45.0	9846	8857	9330
50.0	7834	6940	7364
55.0	6034	5254	5620
60.0	4480	3824	4130
65.0	3294	2746	2998
70.0	2280	1846	2042
75.0	1659	1294	1456
80.0	1289	956	1100
85.0	1078	743	881
90.0	1147	700	872

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED GN 220V L40 1xLED 45

1 x 15975 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

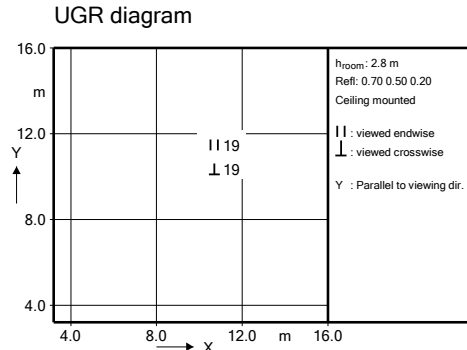
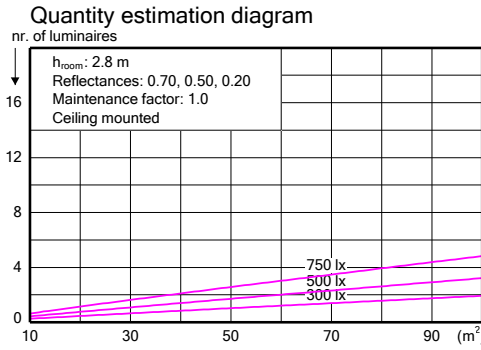
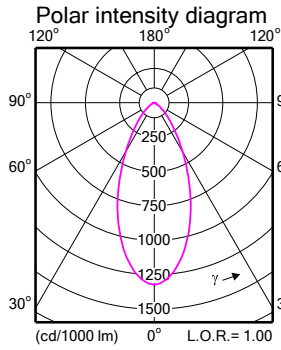
Plane Cone	0.0	45.0	90.0
45.0	19525	17563	18501
50.0	13208	11701	12416
55.0	8645	7528	8053
60.0	5416	4623	4992
65.0	3172	2644	2887
70.0	1460	1182	1308
75.0	825	644	724
80.0	837	621	714
85.0	914	630	747
90.0	1119	683	850

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED GN 220V L40 DMX 1xLED 45

1 x 14980 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

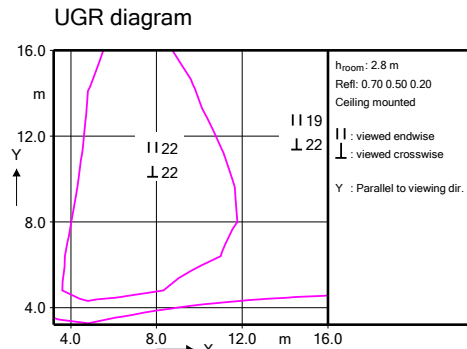
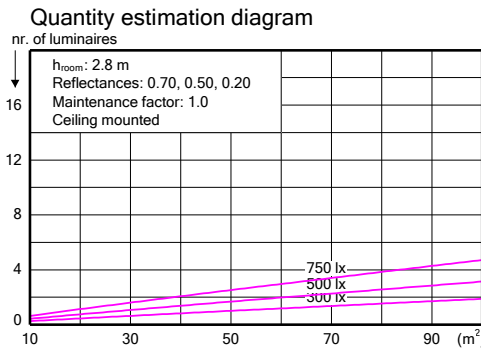
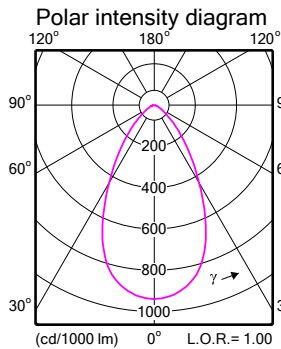
Plane Cone	0.0	45.0	90.0
45.0	18309	16469	17349
50.0	12385	10972	11642
55.0	8107	7059	7552
60.0	5079	4335	4681
65.0	2975	2480	2707
70.0	1369	1109	1226
75.0	774	604	679
80.0	785	582	669
85.0	857	591	701
90.0	1049	641	797

(cd/m2)

2021-08-30

BVP359 D 96LED GN 220V L40 1xLED 60

1 x 15595 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	22629	20355	21442
50.0	15509	13739	14579
55.0	10683	9303	9952
60.0	7816	6672	7204
65.0	5738	4783	5222
70.0	3935	3186	3525
75.0	2602	2030	2283
80.0	1815	1346	1548
85.0	1294	891	1057
90.0	1207	737	917

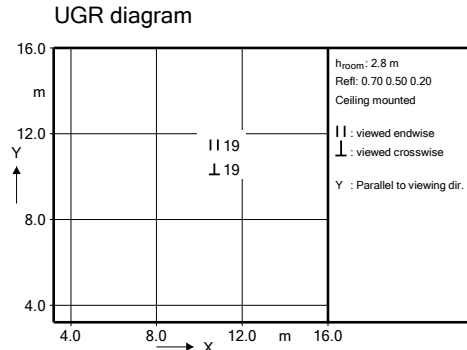
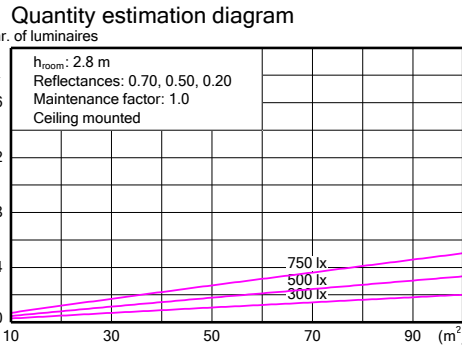
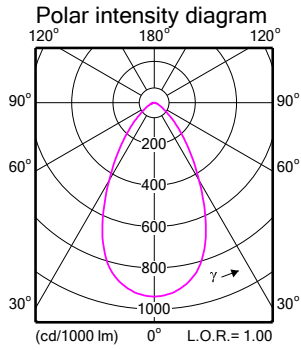
(cd/m2)

2021-08-30



BVP359 D 96LED GN 220V L40 DMX 1xLED 60

1 x 14625 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

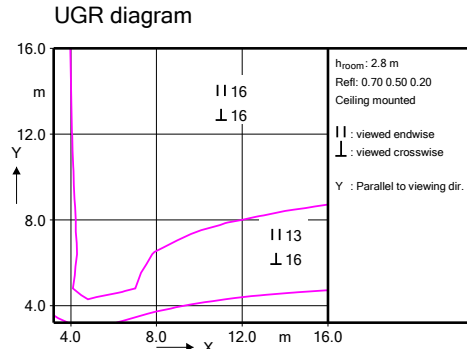
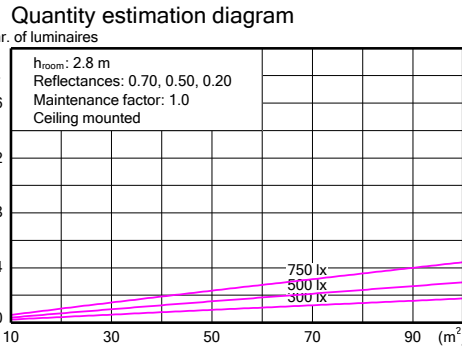
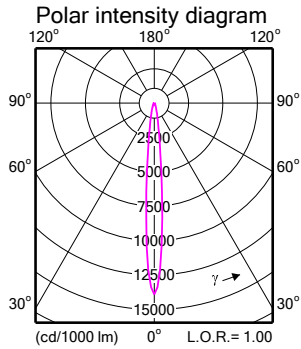
Plane Cone	0.0	45.0	90.0
45.0	21222	19089	20109
50.0	14545	12885	13672
55.0	10019	8724	9333
60.0	7330	6257	6756
65.0	5381	4486	4897
70.0	3690	2988	3305
75.0	2440	1903	2141
80.0	1702	1263	1452
85.0	1213	836	992
90.0	1132	691	860

(cd/m<sup>2</sup>)

2021-08-30

BVP359 D 96LED TW 220V L40 DMX 1xLED 10

1 x 16155 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9558	8597	9056
50.0	7111	6300	6685
55.0	5089	4431	4741
60.0	3558	3037	3280
65.0	2397	1998	2181
70.0	1454	1178	1303
75.0	1071	835	939
80.0	1117	829	953
85.0	1129	778	923
90.0	1369	836	1041

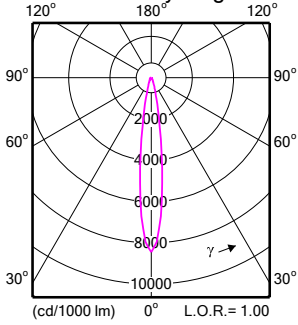
(cd/m<sup>2</sup>)

2021-08-30

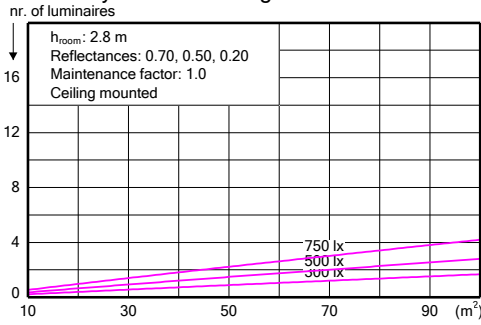
BVP359 D 96LED TW 220V L40 DMX 1xLED 15

1 x 16960 lm

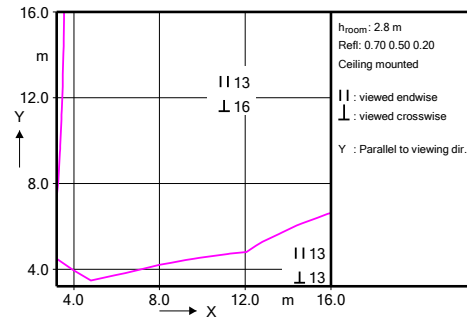
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9578	8616	9076
50.0	7303	6469	6865
55.0	5413	4713	5042
60.0	3766	3215	3471
65.0	2518	2099	2291
70.0	1511	1224	1354
75.0	1035	808	908
80.0	951	705	811
85.0	896	617	732
90.0	991	605	753

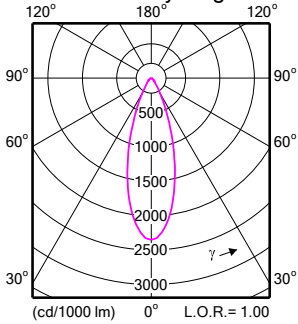
(cd/m2)

2021-08-30

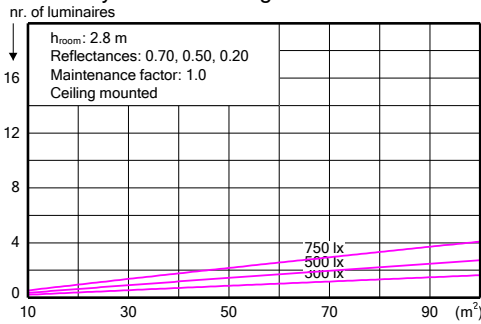
BVP359 D 96LED TW 220V L40 DMX 1xLED 30

1 x 17565 lm

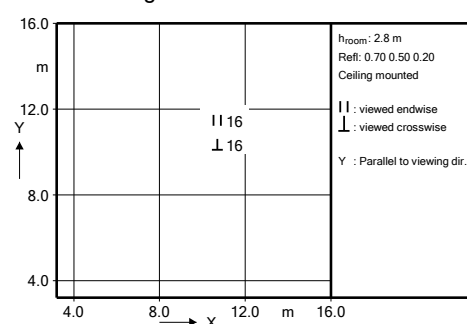
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

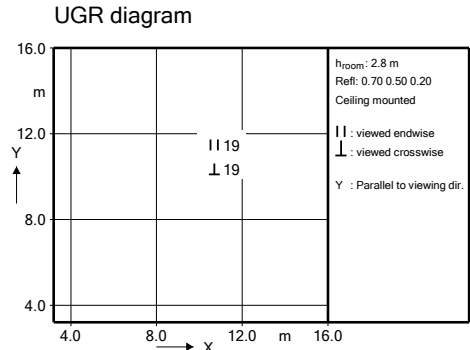
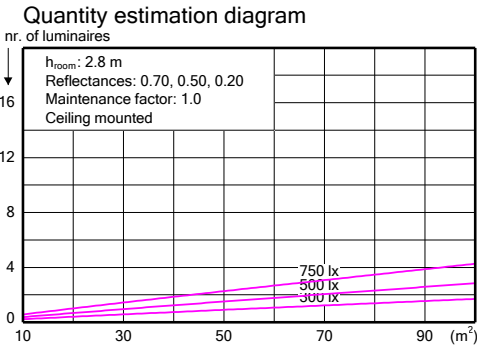
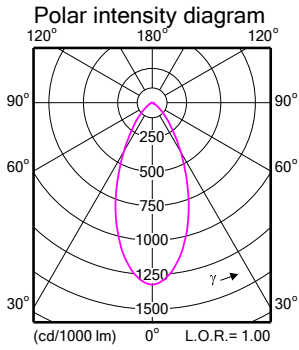
Plane Cone	0.0	45.0	90.0
45.0	11147	10027	10563
50.0	8869	7857	8337
55.0	6831	5948	6363
60.0	5072	4330	4675
65.0	3730	3109	3394
70.0	2581	2090	2312
75.0	1878	1465	1648
80.0	1460	1083	1245
85.0	1220	841	997
90.0	1298	793	987

(cd/m2)

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BVP359 D 96LED TW 220V L40 DMX 1xLED 45

1 x 16960 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

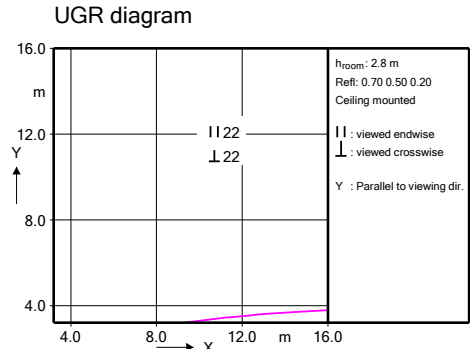
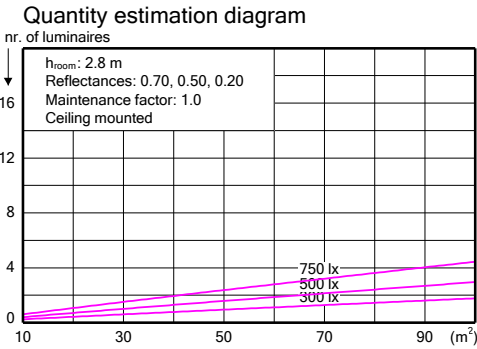
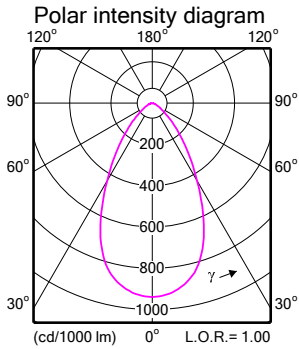
Plane Cone	0.0	45.0	90.0
45.0	20729	18646	19642
50.0	14022	12422	13181
55.0	9178	7992	8550
60.0	5750	4908	5300
65.0	3368	2807	3065
70.0	1550	1255	1388
75.0	876	683	769
80.0	889	659	758
85.0	971	669	793
90.0	1188	725	903

(cd/m<sup>2</sup>)

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BVP359 D 96LED TW 220V L40 DMX 1xLED 60

1 x 16555 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

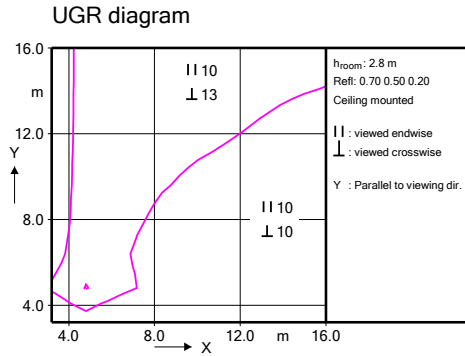
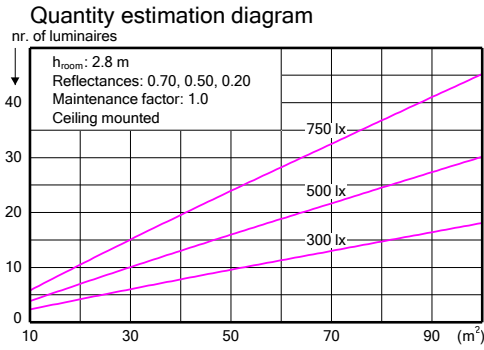
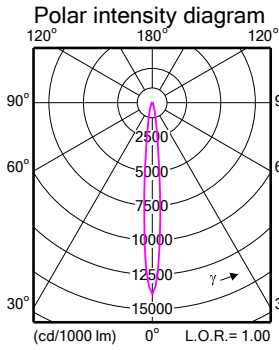
Plane Cone	0.0	45.0	90.0
45.0	24022	21608	22762
50.0	16464	14585	15477
55.0	11341	9875	10564
60.0	8298	7083	7648
65.0	6091	5078	5543
70.0	4177	3382	3741
75.0	2762	2155	2424
80.0	1927	1429	1643
85.0	1374	946	1122
90.0	1281	782	974

(cd/m<sup>2</sup>)

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1 x 1575 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

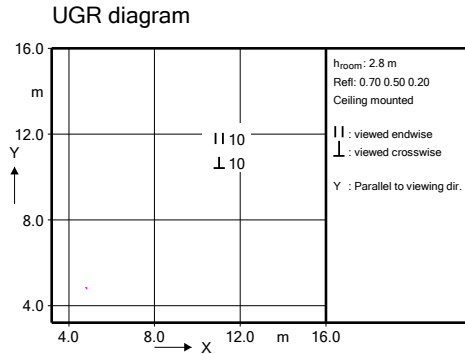
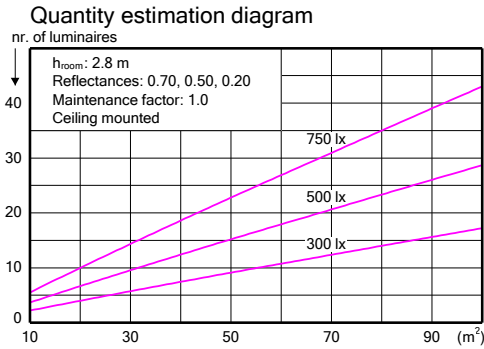
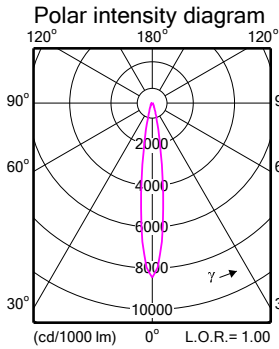
Plane Cone	0.0	45.0	90.0
45.0	4176	3575	4071
50.0	3003	2529	2919
55.0	2070	1714	2006
60.0	1387	1127	1339
65.0	889	709	856
70.0	509	396	487
75.0	348	264	332
80.0	330	244	313
85.0	292	208	275
90.0	290	198	271

(cd/m<sup>2</sup>)

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BVP359 S 12LED 22K 220V L15 1xLED 15

1 x 1655 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 10  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

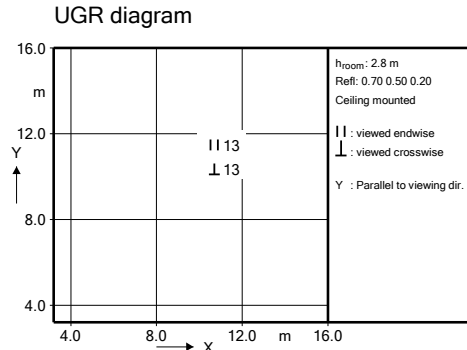
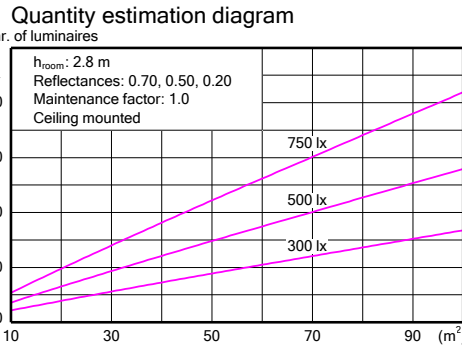
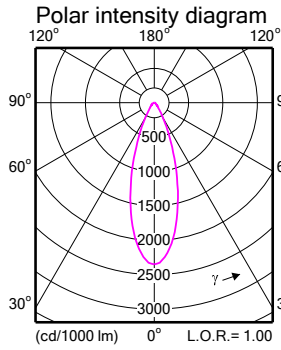
Plane Cone	0.0	45.0	90.0
45.0	4189	3586	4083
50.0	3087	2600	3000
55.0	2203	1824	2135
60.0	1469	1194	1419
65.0	935	745	900
70.0	529	412	507
75.0	337	256	321
80.0	281	208	267
85.0	232	166	219
90.0	210	143	196

(cd/m<sup>2</sup>)

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BVP359 S 12LED 22K 220V L15 1xLED 30

1 x 1715 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

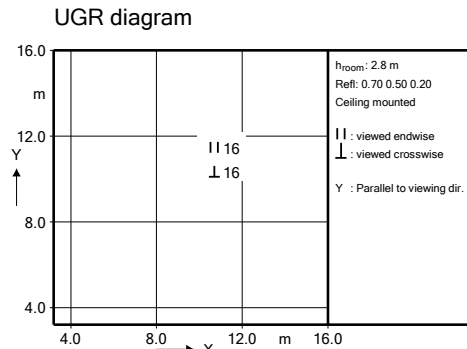
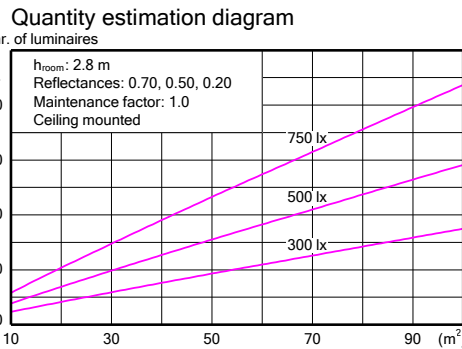
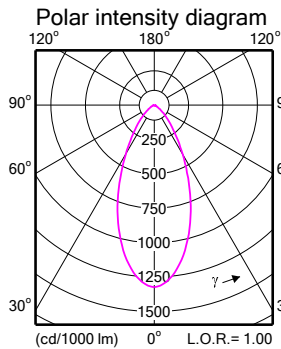
Plane Cone	0.0	45.0	90.0
45.0	4878	4176	4755
50.0	3751	3159	3646
55.0	2782	2303	2696
60.0	1980	1609	1912
65.0	1386	1104	1333
70.0	904	705	866
75.0	611	465	583
80.0	432	319	410
85.0	316	226	298
90.0	275	188	257

(cd/m2)

2021-08-30

BVP359 S 12LED 22K 220V L15 1xLED 45

1 x 1655 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9065	7761	8837
50.0	5927	4992	5761
55.0	3736	3093	3621
60.0	2243	1823	2167
65.0	1251	996	1203
70.0	543	423	520
75.0	285	217	272
80.0	263	194	249
85.0	252	179	237
90.0	252	172	235

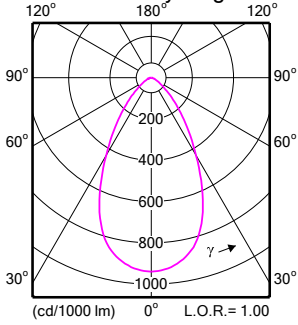
(cd/m2)

2021-08-30

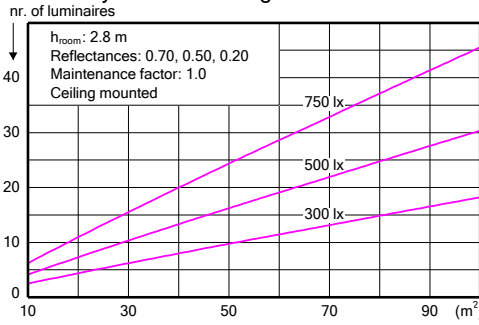
BVP359 S 12LED 22K 220V L15 1xLED 60

1 x 1615 lm

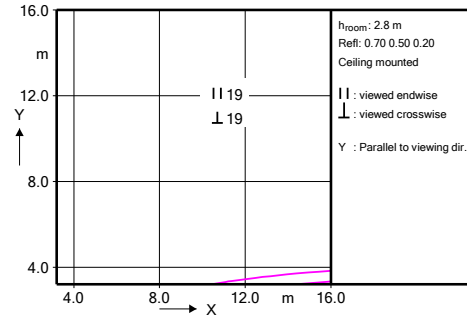
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																				
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10502	8991	10238
50.0	6957	5860	6762
55.0	4615	3821	4472
60.0	3236	2631	3126
65.0	2261	1802	2176
70.0	1462	1139	1401
75.0	898	683	857
80.0	570	421	540
85.0	356	254	335
90.0	271	185	253

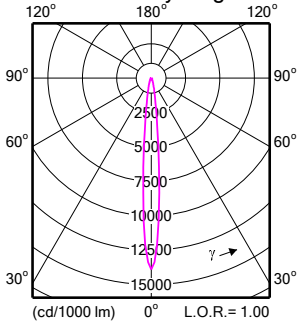
(cd/m2)

2021-08-30

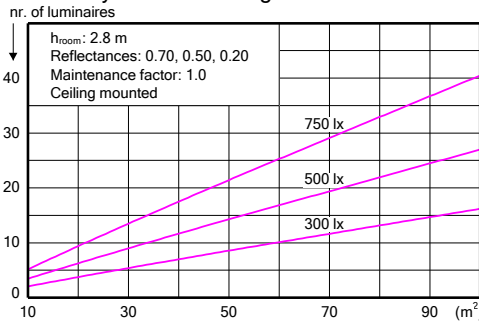
BVP359 S 12LED 27K 220V L15 1xLED 10

1 x 1760 lm

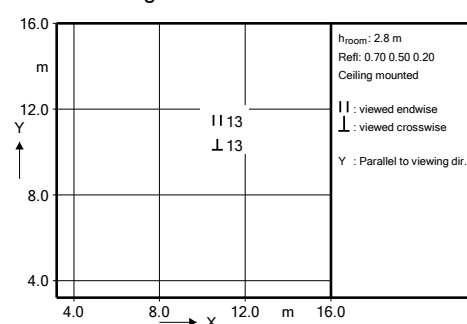
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																				
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	0.99
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4666	3995	4549
50.0	3356	2826	3262
55.0	2313	1915	2241
60.0	1550	1260	1497
65.0	994	792	956
70.0	568	443	545
75.0	389	296	371
80.0	269	212	260
85.0	182	143	176
90.0	132	101	125

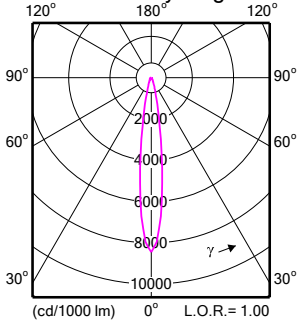
(cd/m2)

2021-08-30

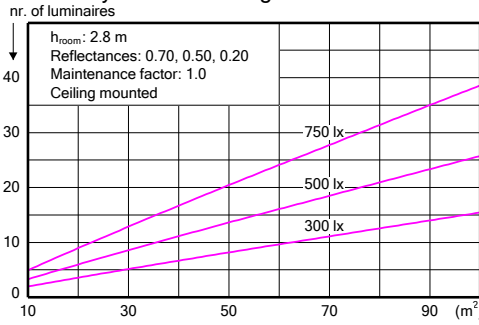
BVP359 S 12LED 27K 220V L15 1xLED 15

1 x 1845 lm

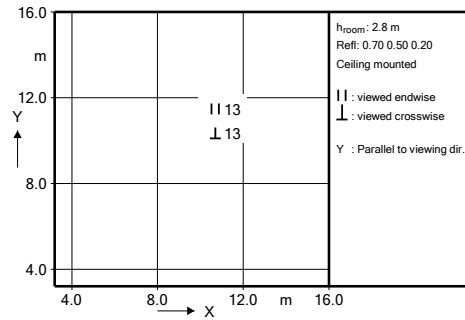
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4670	3998	4552
50.0	3441	2898	3345
55.0	2456	2034	2380
60.0	1638	1331	1582
65.0	1042	830	1003
70.0	590	460	565
75.0	375	285	358
80.0	313	231	297
85.0	259	185	244
90.0	234	160	219

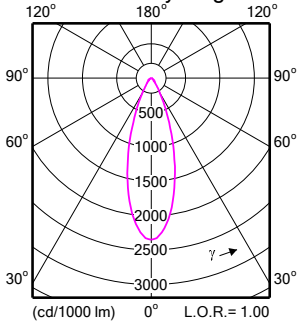
(cd/m2)

2021-08-30

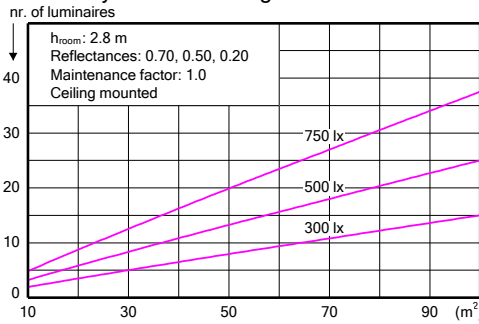
BVP359 S 12LED 27K 220V L15 1xLED 30

1 x 1915 lm

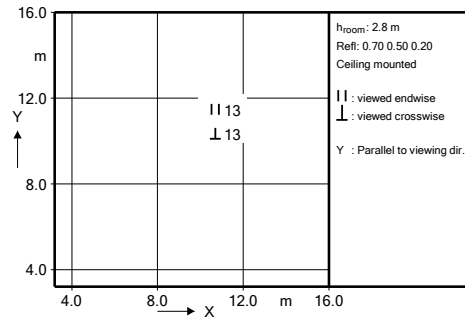
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

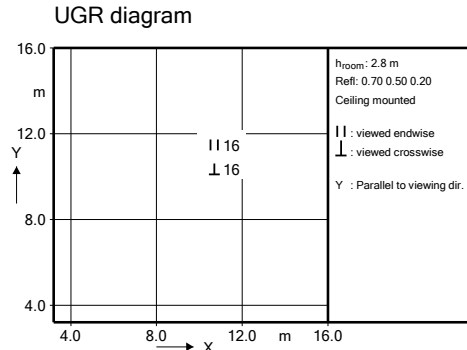
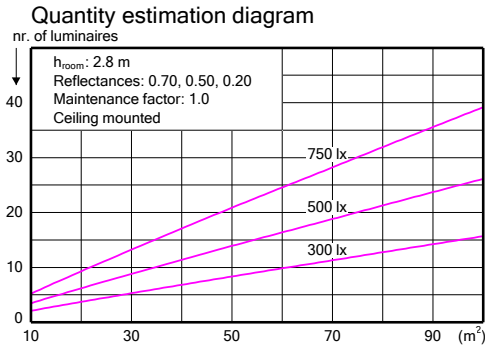
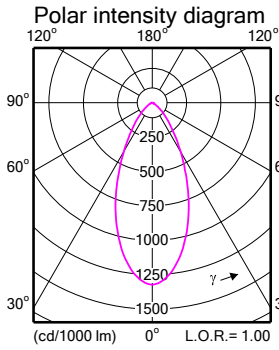
Plane Cone	0.0	45.0	90.0
45.0	5446	4663	5309
50.0	4188	3527	4071
55.0	3107	2572	3011
60.0	2211	1797	2135
65.0	1547	1233	1489
70.0	1009	787	967
75.0	683	519	651
80.0	482	356	457
85.0	353	252	333
90.0	307	210	287

(cd/m2)

2021-08-30

BVP359 S 12LED 27K 220V L15 1xLED 45

1 x 1845 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

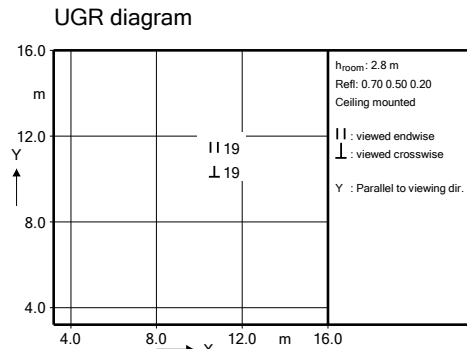
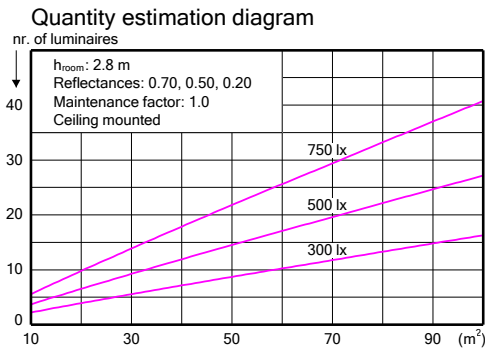
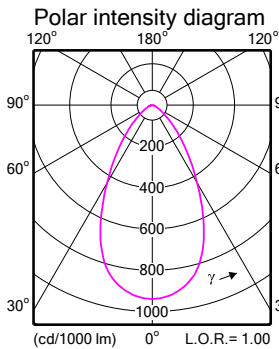
Plane Cone	0.0	45.0	90.0
45.0	10106	8652	9851
50.0	6608	5565	6423
55.0	4165	3448	4036
60.0	2501	2033	2415
65.0	1394	1111	1342
70.0	605	471	580
75.0	318	241	303
80.0	293	216	278
85.0	280	200	264
90.0	281	192	262

(cd/m2)

2021-08-30

BVP359 S 12LED 27K 220V L15 1xLED 60

1 x 1805 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11738	10049	11442
50.0	7776	6549	7558
55.0	5158	4271	4999
60.0	3617	2940	3493
65.0	2527	2014	2432
70.0	1634	1273	1565
75.0	1004	763	957
80.0	637	470	604
85.0	398	284	374
90.0	303	207	283

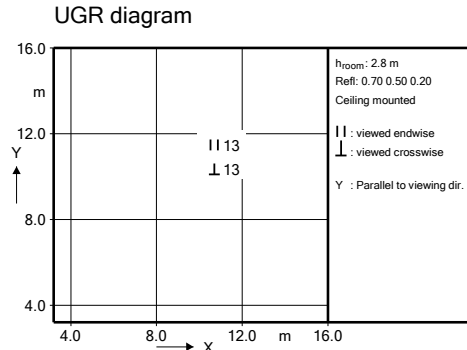
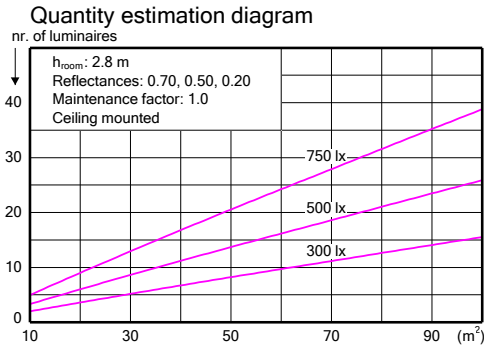
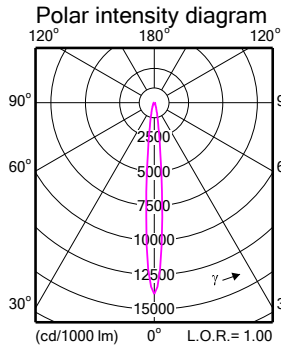
(cd/m2)

2021-08-30



BVP359 S 12LED 30K 220V L15 1xLED 10

1 x 1835 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

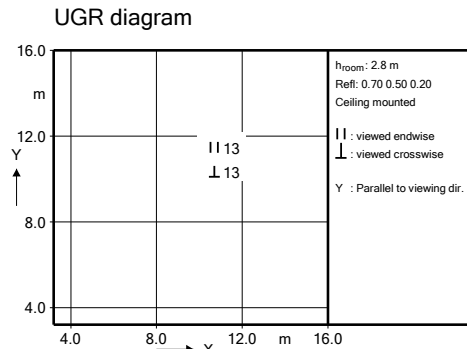
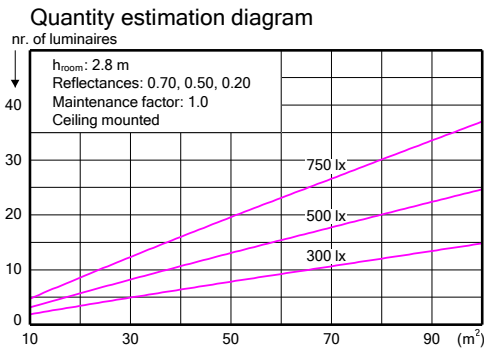
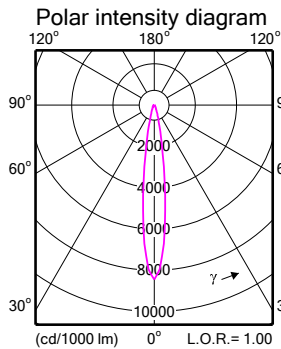
Plane Cone	0.0	45.0	90.0
45.0	4865	4165	4743
50.0	3499	2947	3401
55.0	2412	1997	2337
60.0	1616	1313	1561
65.0	1036	826	997
70.0	593	462	568
75.0	405	308	387
80.0	385	284	365
85.0	341	243	321
90.0	338	231	315

(cd/m2)

2021-08-30

BVP359 S 12LED 30K 220V L15 1xLED 15

1 x 1925 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

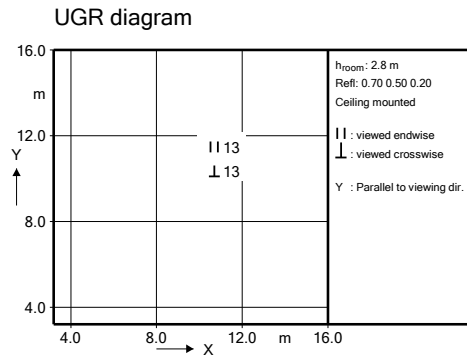
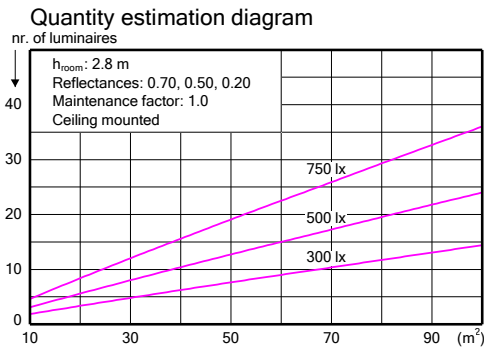
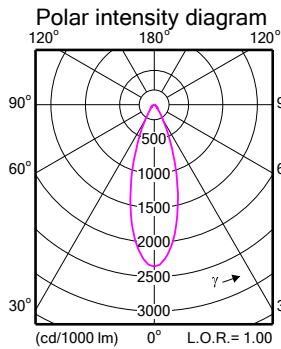
Plane Cone	0.0	45.0	90.0
45.0	4872	4171	4749
50.0	3590	3024	3490
55.0	2563	2122	2484
60.0	1709	1389	1650
65.0	1087	866	1046
70.0	615	480	590
75.0	392	298	374
80.0	327	241	310
85.0	270	193	254
90.0	244	167	228

(cd/m2)

2021-08-30

BVP359 S 12LED 30K 220V L15 1xLED 30

1 x 1995 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

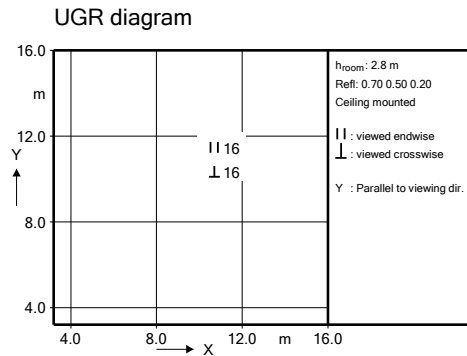
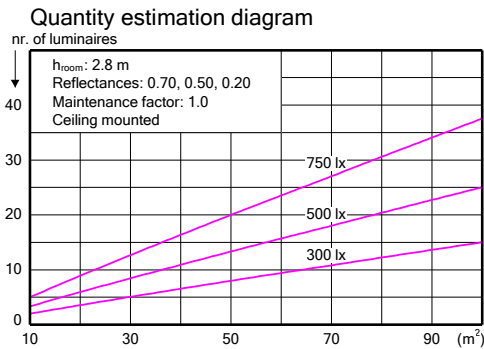
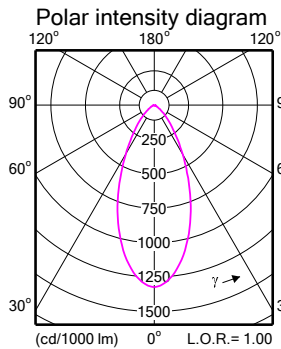
Plane Cone	0.0	45.0	90.0
45.0	5674	4858	5531
50.0	4363	3675	4241
55.0	3237	2680	3136
60.0	2303	1872	2225
65.0	1612	1284	1551
70.0	1052	820	1008
75.0	711	541	678
80.0	502	371	476
85.0	368	262	347
90.0	320	219	299

(cd/m2)

2021-08-30

BVP359 S 12LED 30K 220V L15 1xLED 45

1 x 1925 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10544	9027	10278
50.0	6894	5806	6701
55.0	4346	3598	4211
60.0	2609	2121	2520
65.0	1455	1159	1400
70.0	631	492	605
75.0	331	252	316
80.0	306	226	290
85.0	293	209	276
90.0	293	200	273

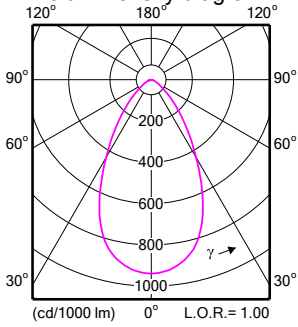
(cd/m2)

2021-08-30

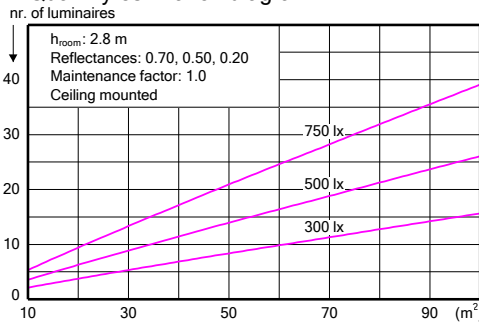
BVP359 S 12LED 30K 220V L15 1xLED 60

1 x 1880 lm

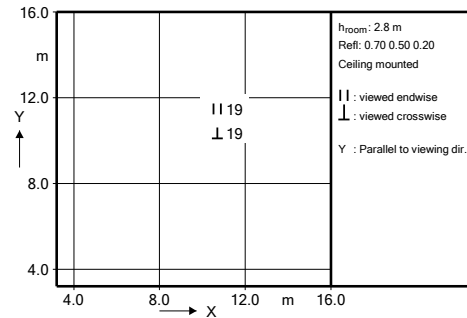
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.80	0.77	0.79	0.77	0.75
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.84	0.81	0.83	0.81	0.79	0.99	0.89	0.97	0.92	0.89
1.25	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	1.11	0.98	1.08	1.02	0.97
1.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	1.19	1.03	1.15	1.08	1.02
2.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.96	1.21	1.04	1.17	1.10	1.03
2.50	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.96	1.21	1.04	1.17	1.10	1.03
3.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.96	1.21	1.04	1.17	1.10	1.03
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.96	1.21	1.04	1.17	1.10	1.03
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.96	1.21	1.04	1.17	1.10	1.03

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12225	10466	11917
50.0	8099	6821	7872
55.0	5373	4448	5206
60.0	3767	3062	3638
65.0	2632	2097	2533
70.0	1701	1326	1630
75.0	1046	795	997
80.0	663	490	629
85.0	414	295	390
90.0	316	216	295

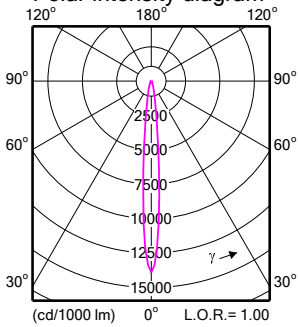
Ceiling mounted

2021-08-30

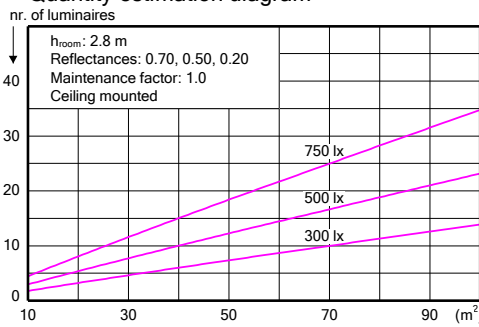
BVP359 S 12LED 40K 220V L15 1xLED 10

1 x 2050 lm

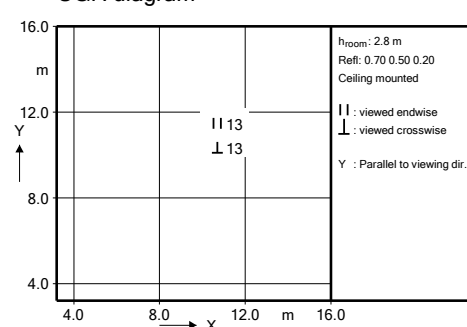
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.87	0.87	0.92	0.89	0.86
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.99	0.91	0.97	0.94	0.90
1.25	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.03	0.94	1.01	0.97	0.93
1.50	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	1.14	1.01	1.12	1.06	1.00
2.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.21	1.05	1.18	1.11	1.04
2.50	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05
3.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05
5.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.24	1.06	1.20	1.12	1.05

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5435	4653	5298
50.0	3909	3292	3799
55.0	2694	2230	2611
60.0	1805	1467	1743
65.0	1157	922	1114
70.0	662	516	634
75.0	453	344	432
80.0	430	317	407
85.0	380	271	358
90.0	377	258	352

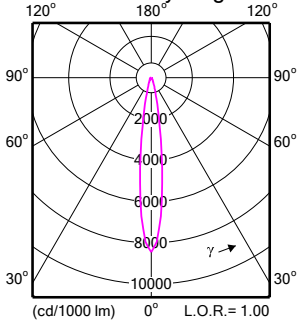
Ceiling mounted

2021-08-30

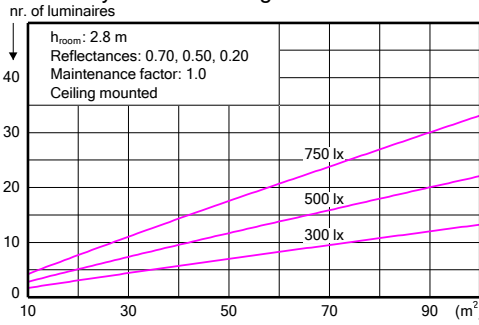
BVP359 S 12LED 40K 220V L15 1xLED 15

1 x 2150 lm

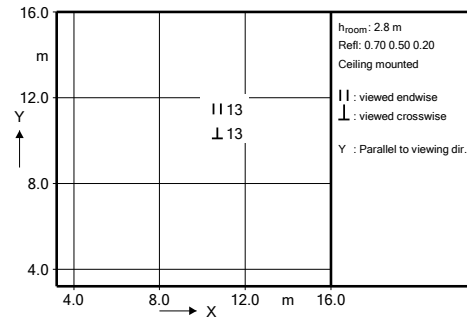
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5442	4659	5305
50.0	4010	3377	3898
55.0	2862	2370	2774
60.0	1909	1551	1843
65.0	1214	968	1169
70.0	687	536	659
75.0	437	333	417
80.0	365	270	346
85.0	302	215	284
90.0	273	186	255

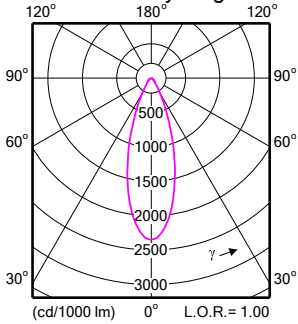
(cd/m<sup>2</sup>)

2021-08-30

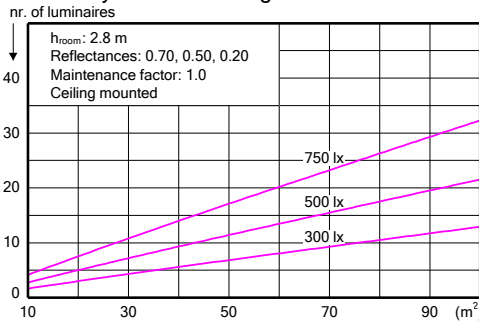
BVP359 S 12LED 40K 220V L15 1xLED 30

1 x 2225 lm

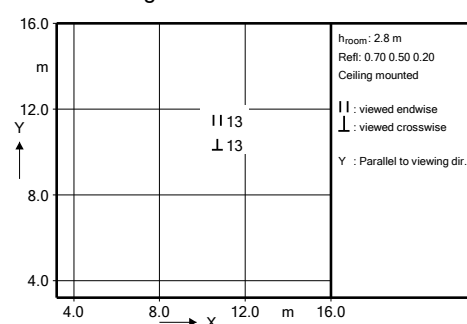
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

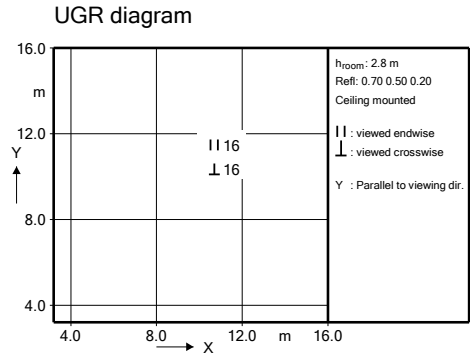
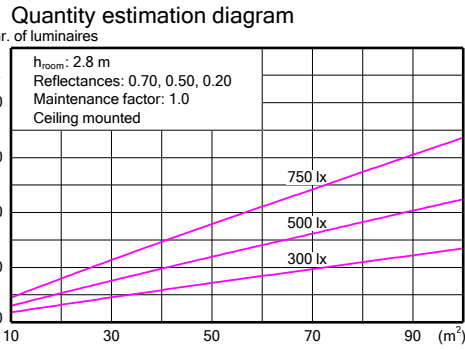
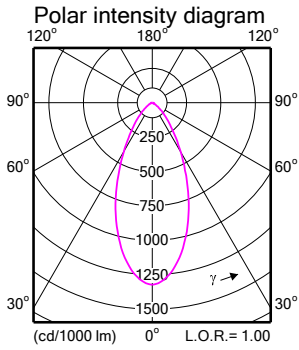
Plane Cone	0.0	45.0	90.0
45.0	6328	5418	6169
50.0	4866	4099	4730
55.0	3610	2988	3498
60.0	2569	2088	2481
65.0	1798	1433	1730
70.0	1173	914	1124
75.0	793	603	756
80.0	560	414	531
85.0	411	293	387
90.0	357	244	333

(cd/m<sup>2</sup>)

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1 x 2150 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

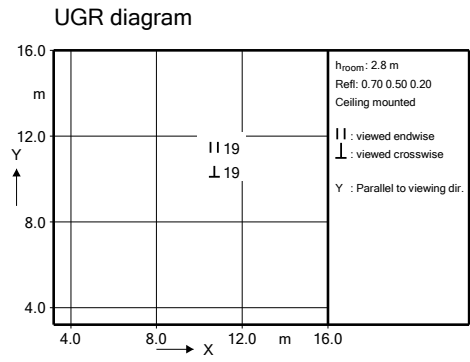
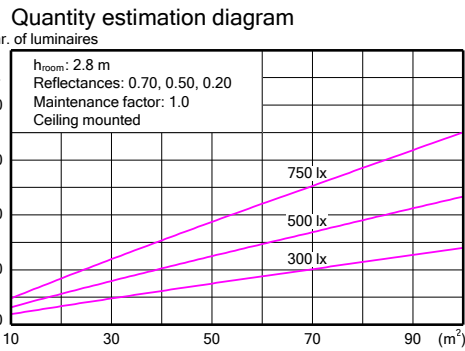
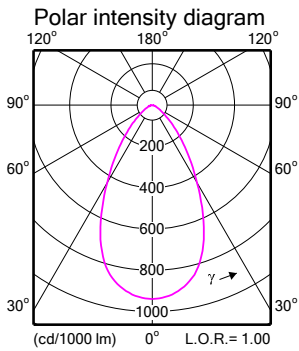
Plane Cone	0.0	45.0	90.0
45.0	11776	10082	11480
50.0	7700	6485	7484
55.0	4854	4019	4704
60.0	2914	2369	2815
65.0	1625	1295	1563
70.0	765	549	675
75.0	370	281	353
80.0	341	252	324
85.0	327	233	308
90.0	327	223	305

(cd/m2)

2021-08-30

BVP359 S 12LED 40K 220V L15 1xLED 60

1 x 2100 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

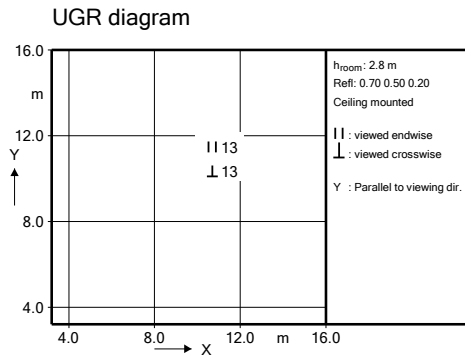
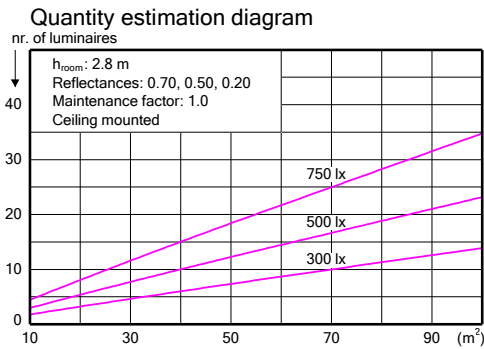
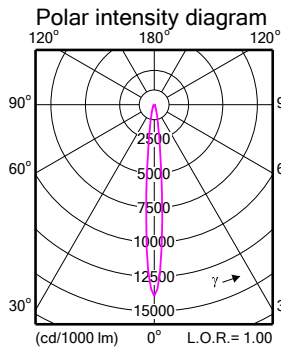
Plane Cone	0.0	45.0	90.0
45.0	13656	11691	13312
50.0	9047	7619	8793
55.0	6001	4969	5816
60.0	4208	3421	4064
65.0	2940	2343	2829
70.0	1900	1481	1821
75.0	1168	888	1114
80.0	741	547	702
85.0	463	330	436
90.0	353	241	329

(cd/m2)

2021-08-30

BVP359 S 12LED 50K 220V L15 1xLED 10

1 x 2050 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.97	0.96	0.96	0.95
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.99	0.98	0.98	0.97
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.02	1.01	1.00	0.99
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.03	1.02	1.01	1.01
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.03	1.02	1.01	1.01

Ceiling mounted

Luminance Table

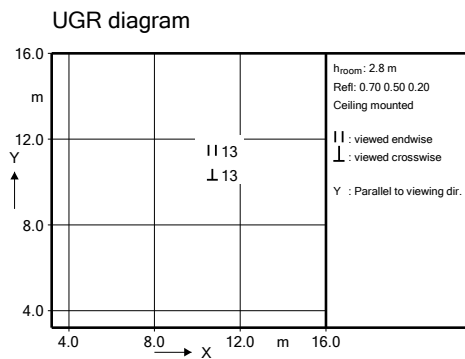
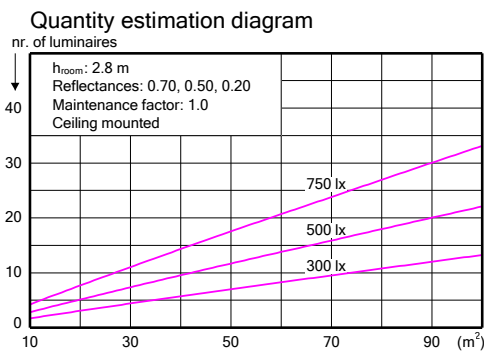
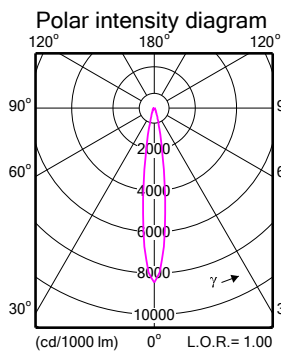
Plane Cone	0.0	45.0	90.0
45.0	5435	4653	5298
50.0	3909	3292	3799
55.0	2694	2230	2611
60.0	1805	1467	1743
65.0	1157	922	1114
70.0	662	516	634
75.0	453	344	432
80.0	430	317	407
85.0	380	271	358
90.0	377	258	352

(cd/m2)

2021-08-30

BVP359 S 12LED 50K 220V L15 1xLED 15

1 x 2150 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.97	0.96	0.96	0.95
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.99	0.98	0.98	0.97
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.02	1.01	1.00	0.99
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.03	1.02	1.01	1.01
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.03	1.02	1.01	1.01

Ceiling mounted

Luminance Table

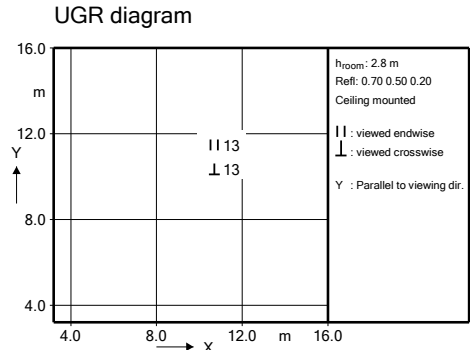
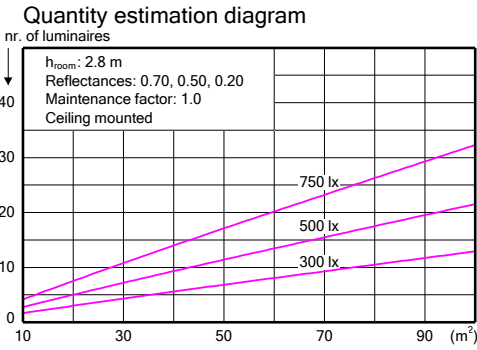
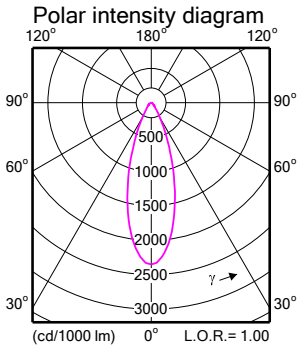
Plane Cone	0.0	45.0	90.0
45.0	5442	4659	5305
50.0	4010	3377	3898
55.0	2862	2370	2774
60.0	1909	1551	1843
65.0	1214	968	1169
70.0	687	536	659
75.0	437	333	417
80.0	365	270	346
85.0	302	215	284
90.0	273	186	255

(cd/m2)

2021-08-30

BVP359 S 12LED 50K 220V L15 1xLED 30

1 x 2225 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

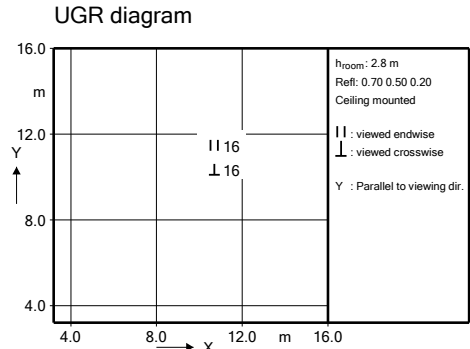
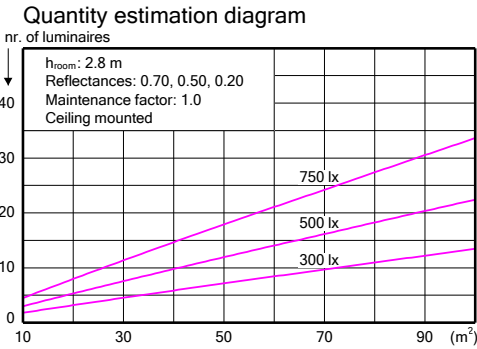
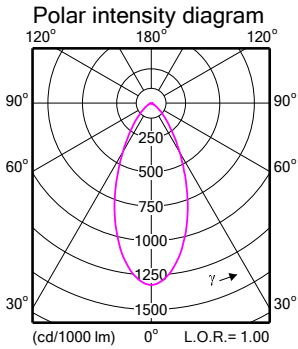
Plane Cone	0.0	45.0	90.0
45.0	6328	5418	6169
50.0	4866	4099	4730
55.0	3610	2988	3498
60.0	2569	2088	2481
65.0	1798	1433	1730
70.0	1173	914	1124
75.0	793	603	756
80.0	560	414	531
85.0	411	293	387
90.0	357	244	333

(cd/m2)

2021-08-30

BVP359 S 12LED 50K 220V L15 1xLED 45

1 x 2150 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11776	10082	11480
50.0	7700	6485	7484
55.0	4854	4019	4704
60.0	2914	2369	2815
65.0	1625	1295	1563
70.0	705	549	675
75.0	370	281	353
80.0	341	252	324
85.0	327	233	308
90.0	327	223	305

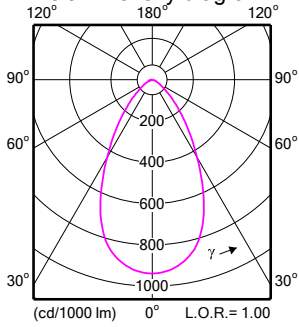
(cd/m2)

2021-08-30

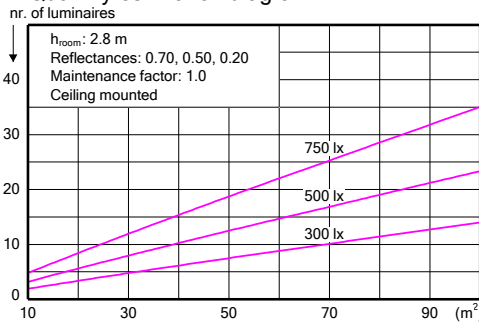
BVP359 S 12LED 50K 220V L15 1xLED 60

1 x 2100 lm

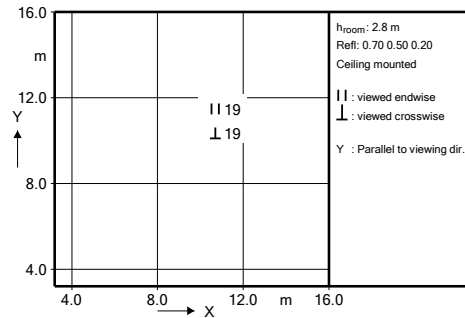
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																						
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00			
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95												

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13656	11691	13312
50.0	9047	7619	8793
55.0	6001	4969	5816
60.0	4208	3421	4064
65.0	2940	2343	2829
70.0	1900	1481	1821
75.0	1168	888	1114
80.0	741	547	702
85.0	463	330	436
90.0	353	241	329

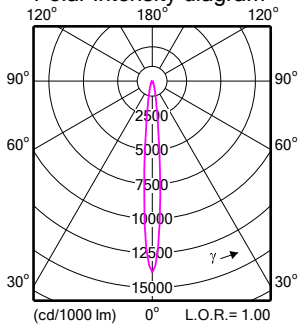
(cd/m2)

2021-08-30

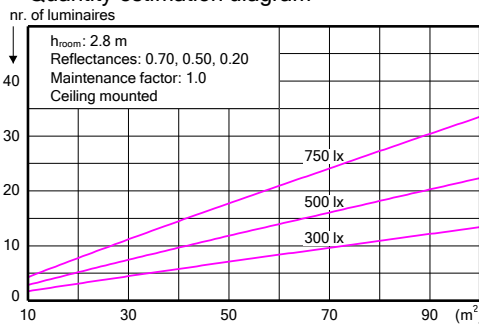
BVP359 S 12LED 57K 220V L15 1xLED 10

1 x 2125 lm

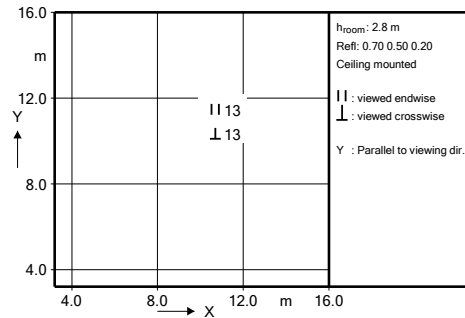
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																						
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00			
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.80	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.02	1.01	0.99	5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99												

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5634	4823	5492
50.0	4052	3413	3938
55.0	2793	2312	2706
60.0	1871	1521	1807
65.0	1200	956	1155
70.0	686	535	658
75.0	469	357	448
80.0	445	329	422
85.0	394	281	371
90.0	391	267	365

(cd/m2)

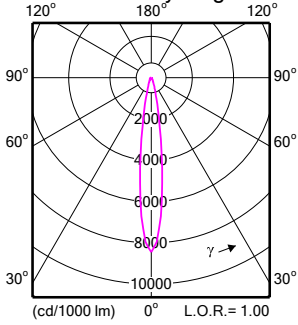
2021-08-30



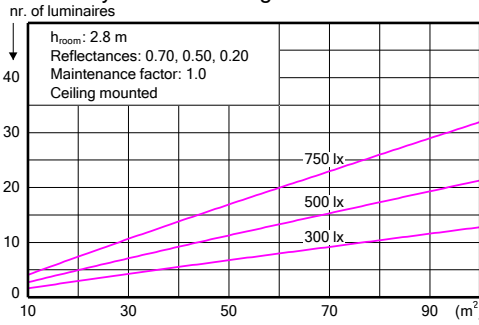
BVP359 S 12LED 57K 220V L15 1xLED 15

1 x 2230 lm

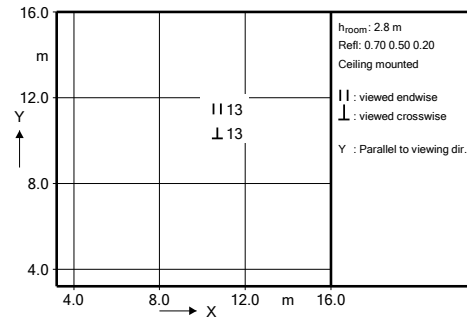
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5644	4832	5502
50.0	4159	3503	4043
55.0	2969	2458	2877
60.0	1980	1609	1912
65.0	1260	1004	1212
70.0	713	556	683
75.0	454	345	433
80.0	379	280	359
85.0	313	223	295
90.0	283	193	264

(cd/m2)

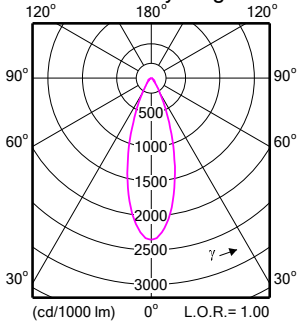
Ceiling mounted

2021-08-30

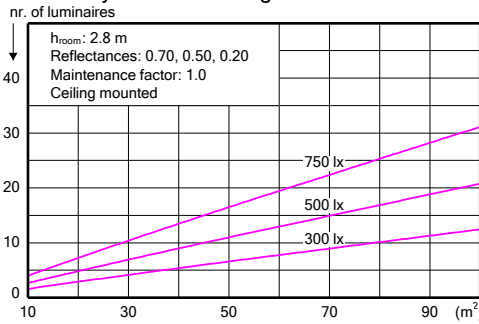
BVP359 S 12LED 57K 220V L15 1xLED 30

1 x 2310 lm

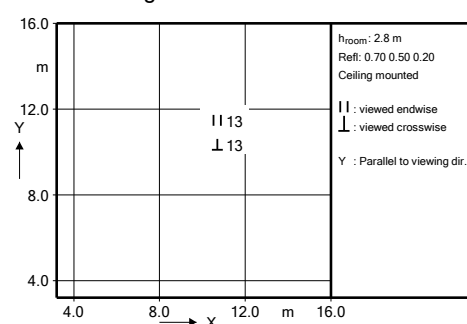
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6570	5624	6404
50.0	5052	4255	4911
55.0	3748	3103	3632
60.0	2667	2168	2576
65.0	1865	1487	1796
70.0	1218	949	1167
75.0	823	626	785
80.0	582	430	552
85.0	426	304	401
90.0	371	253	346

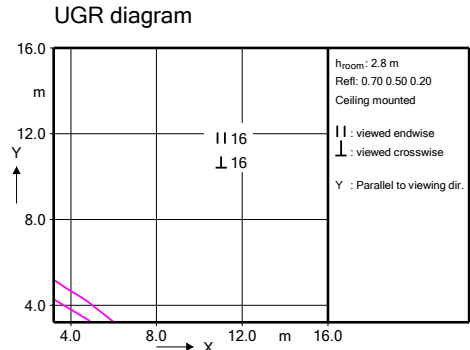
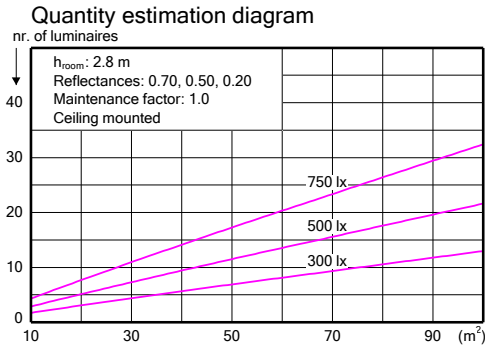
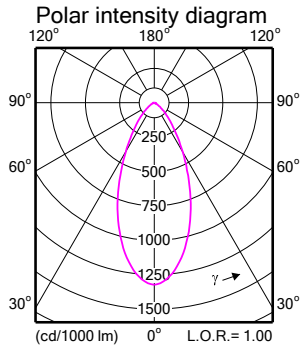
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 S 12LED 57K 220V L15 1xLED 45

1 x 2230 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

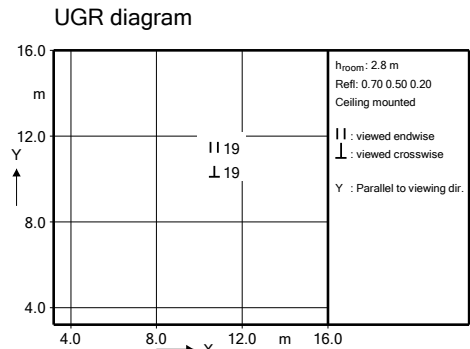
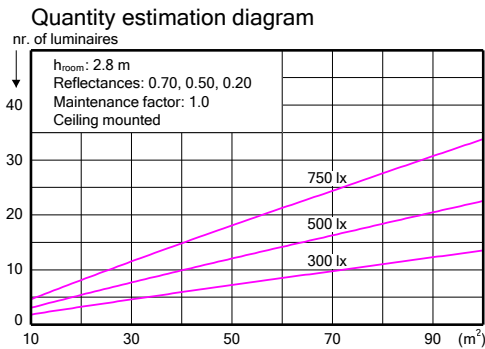
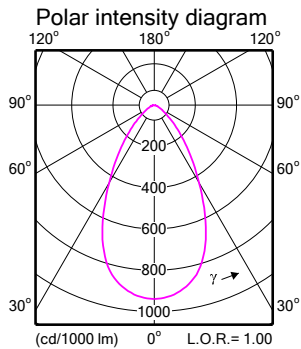
Plane Cone	0.0	45.0	90.0
45.0	12215	10457	11907
50.0	7986	6726	7763
55.0	5034	4168	4879
60.0	3023	2457	2919
65.0	1685	1343	1621
70.0	731	570	701
75.0	384	292	366
80.0	354	261	336
85.0	339	242	319
90.0	339	232	317

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED 57K 220V L15 1xLED 60

1 x 2175 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

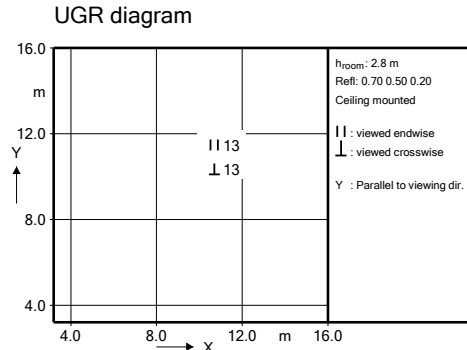
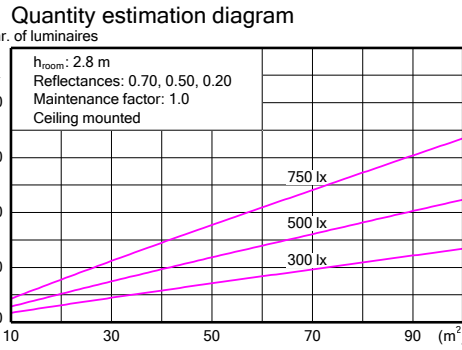
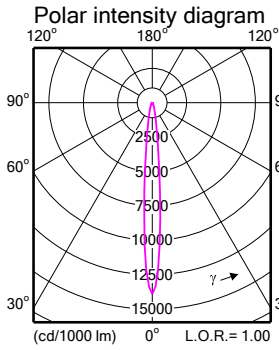
Plane Cone	0.0	45.0	90.0
45.0	14144	12108	13787
50.0	9370	7891	9107
55.0	6216	5146	6023
60.0	4358	3543	4209
65.0	3045	2427	2930
70.0	1968	1534	1886
75.0	1210	919	1154
80.0	767	566	728
85.0	479	342	451
90.0	366	250	341

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED 65K 220V L15 1xLED 10

1 x 2125 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

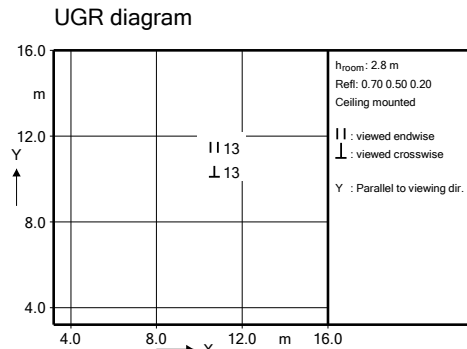
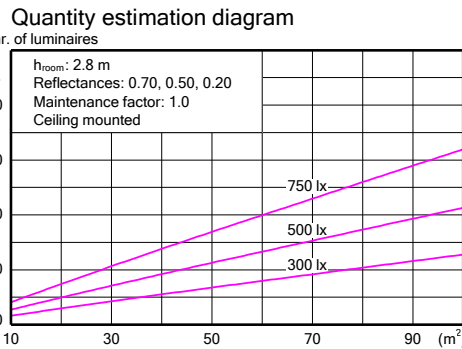
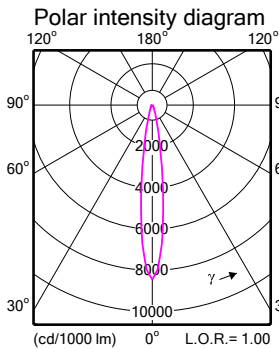
Plane Cone	0.0	45.0	90.0
45.0	5634	4823	5492
50.0	4052	3413	3938
55.0	2793	2312	2706
60.0	1871	1521	1807
65.0	1200	956	1155
70.0	686	535	658
75.0	469	357	448
80.0	445	329	422
85.0	394	281	371
90.0	391	267	365

(cd/m2)

2021-08-30

BVP359 S 12LED 65K 220V L15 1xLED 15

1 x 2230 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

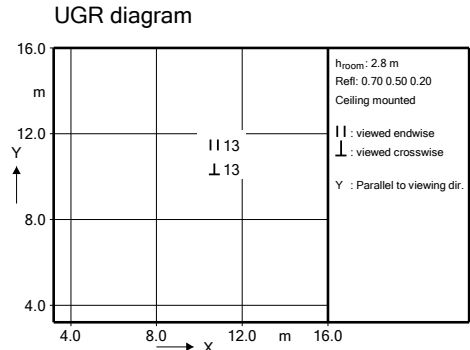
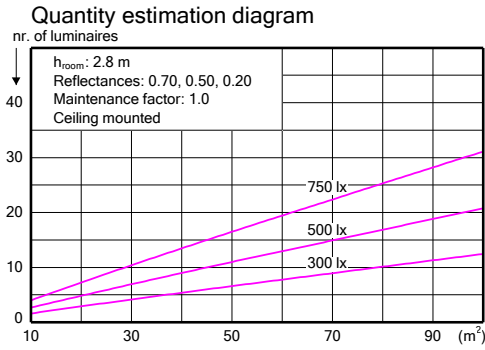
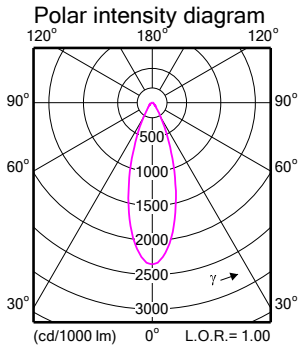
Plane Cone	0.0	45.0	90.0
45.0	5644	4832	5502
50.0	4159	3503	4043
55.0	2969	2458	2877
60.0	1980	1609	1912
65.0	1260	1004	1212
70.0	713	556	683
75.0	454	345	433
80.0	379	280	359
85.0	313	223	295
90.0	283	193	264

(cd/m2)

2021-08-30

BVP359 S 12LED 65K 220V L15 1xLED 30

1 x 2310 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

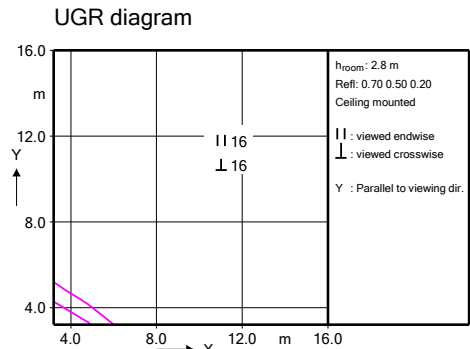
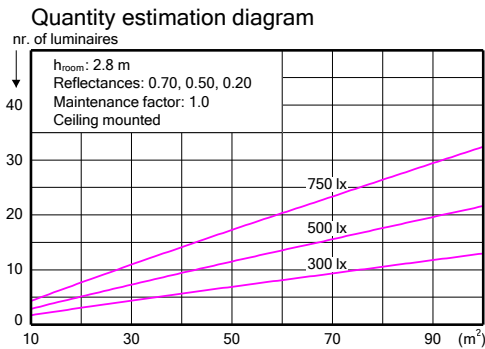
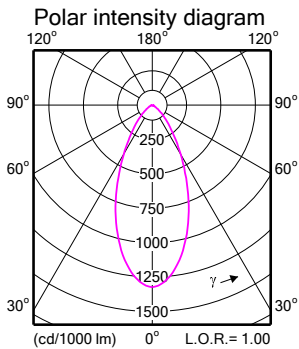
Plane Cone	0.0	45.0	90.0
45.0	6570	5624	6404
50.0	5052	4255	4911
55.0	3748	3103	3632
60.0	2667	2168	2576
65.0	1866	1487	1796
70.0	1218	949	1167
75.0	823	626	785
80.0	582	430	552
85.0	426	304	401
90.0	371	253	346

(cd/m2)

2021-08-30

BVP359 S 12LED 65K 220V L15 1xLED 45

1 x 2230 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12215	10457	11907
50.0	7986	6726	7763
55.0	5034	4168	4879
60.0	3023	2457	2919
65.0	1685	1343	1621
70.0	731	570	701
75.0	384	292	366
80.0	354	261	336
85.0	339	242	319
90.0	339	232	317

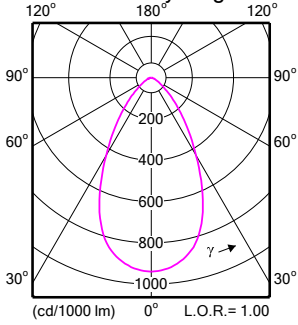
(cd/m2)

2021-08-30

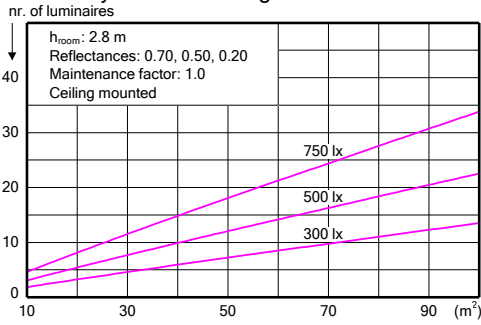
BVP359 S 12LED 65K 220V L15 1xLED 60

1 x 2175 lm

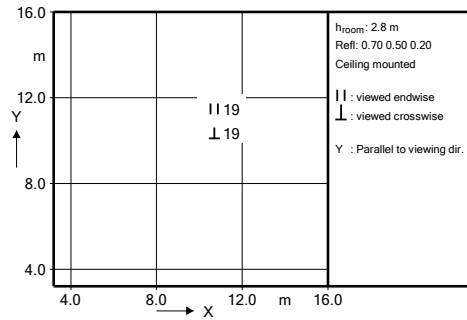
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	14144	12108	13787
50.0	9370	7891	9107
55.0	6216	5146	6023
60.0	4358	3543	4209
65.0	3045	2427	2930
70.0	1968	1534	1886
75.0	1210	919	1154
80.0	767	566	728
85.0	479	342	451
90.0	366	250	341

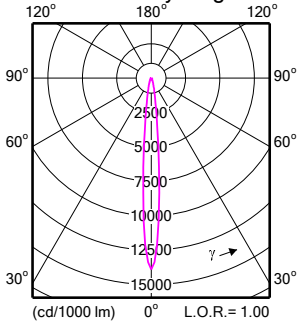
(cd/m<sup>2</sup>)

2021-08-30

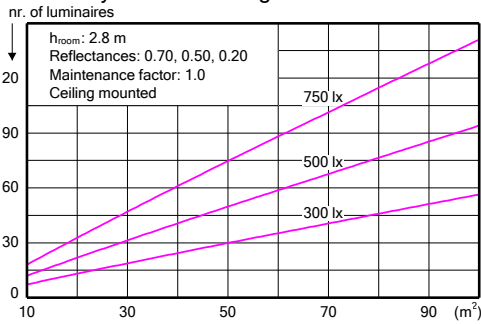
BVP359 S 12LED BL 220V L15 1xLED 10

1 x 505 lm

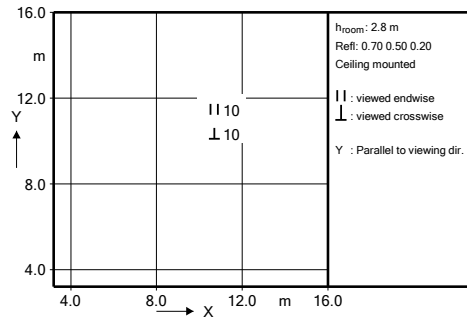
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 7  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

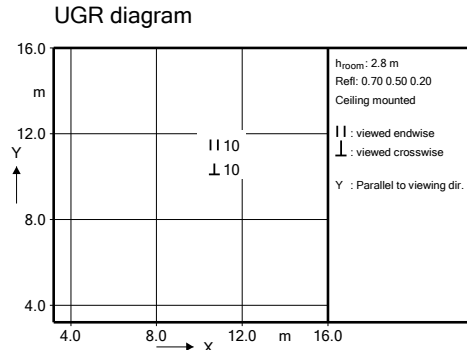
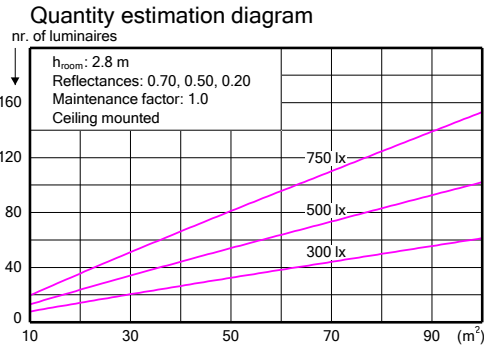
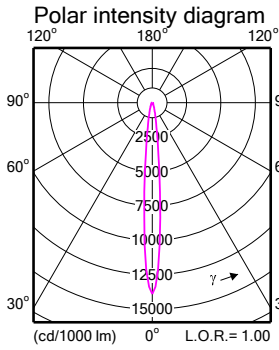
Plane Cone	0.0	45.0	90.0
45.0	1339	1146	1305
50.0	963	811	936
55.0	664	549	643
60.0	445	361	429
65.0	285	227	274
70.0	163	127	156
75.0	112	85	106
80.0	106	78	100
85.0	94	67	88
90.0	93	63	87

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED BL 220V L15 DMX 1xLED 10

1 x 465 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 6  
EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

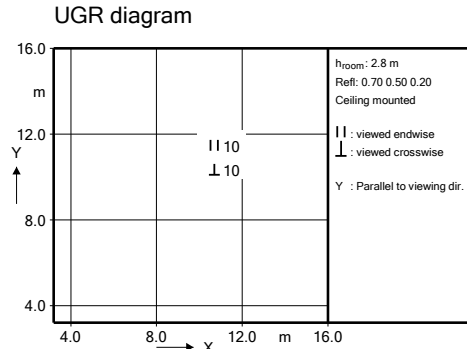
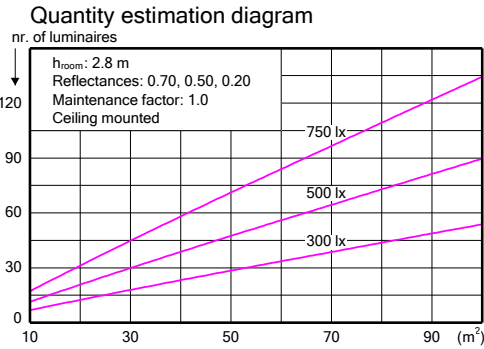
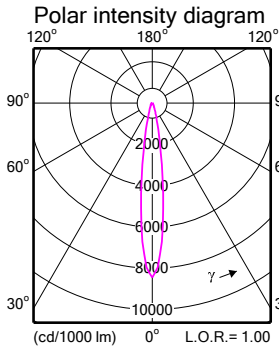
Plane Cone	0.0	45.0	90.0
45.0	1233	1055	1202
50.0	887	747	862
55.0	611	506	592
60.0	409	333	395
65.0	263	209	253
70.0	150	117	144
75.0	103	78	98
80.0	97	72	92
85.0	86	62	81
90.0	86	58	80

(cd/m2)

2021-08-30

BVP359 S 12LED BL 220V L15 1xLED 15

1 x 530 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 6  
EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

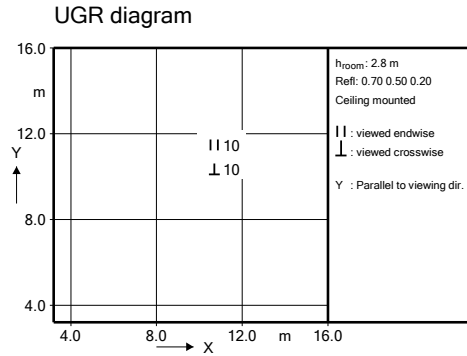
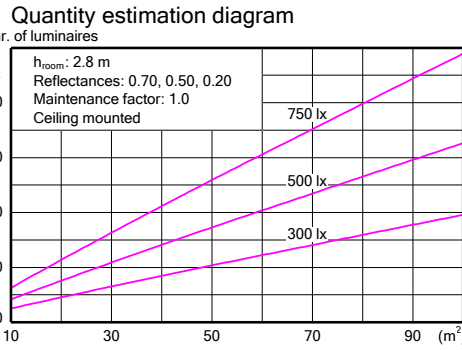
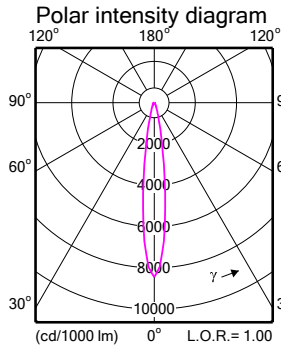
Plane Cone	0.0	45.0	90.0
45.0	1341	1148	1308
50.0	989	833	961
55.0	706	584	684
60.0	471	382	454
65.0	299	239	288
70.0	169	132	162
75.0	108	82	103
80.0	90	66	85
85.0	74	53	70
90.0	67	46	63

(cd/m2)

2021-08-30

BVP359 S 12LED BL 220V L15 DMX 1xLED 15

1 x 485 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 6  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.00 0.00	0.00 0.00	
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

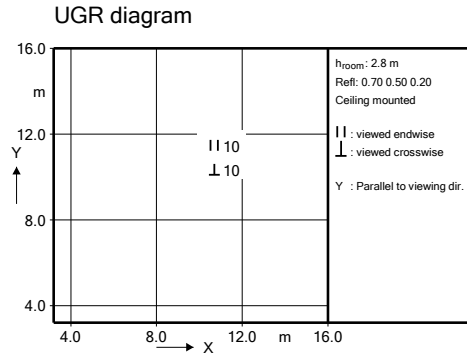
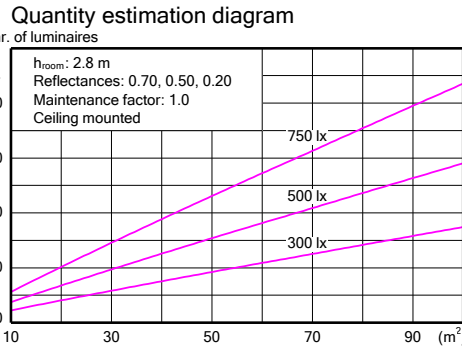
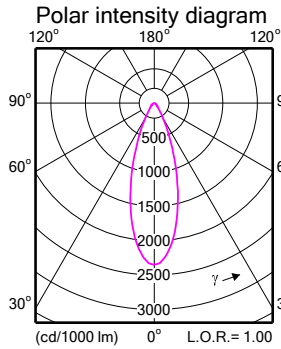
Plane Cone	0.0	45.0	90.0
45.0	1228	1051	1197
50.0	905	762	879
55.0	646	535	626
60.0	431	350	416
65.0	274	218	264
70.0	155	121	149
75.0	99	75	94
80.0	82	61	78
85.0	68	49	64
90.0	62	42	57

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED BL 220V L15 1xLED 30

1 x 550 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.00 0.00	0.00 0.00	
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1564	1339	1525
50.0	1203	1013	1169
55.0	892	739	865
60.0	635	516	613
65.0	444	354	428
70.0	290	226	278
75.0	196	149	187
80.0	139	102	131
85.0	101	72	96
90.0	88	60	82

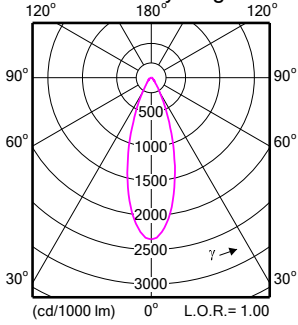
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED BL 220V L15 DMX 1xLED 30

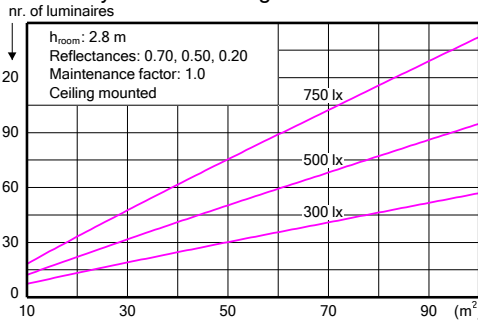
1 x 505 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m2

Quantity estimation diagram

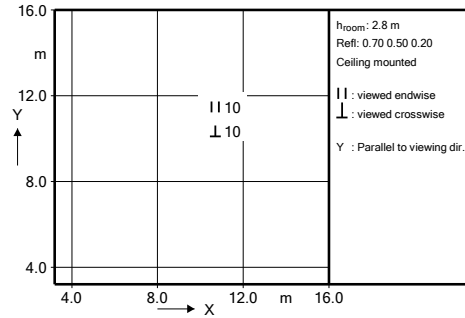


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																	
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.30	0.00
0.80	0.86	0.86	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.76	0.81	0.88	0.85	0.81	0.81	0.78
1.00	0.92	0.92	0.91	0.88	0.85	0.81	0.88	0.86	0.84	0.82	0.80	0.88	0.95	0.93	0.89	0.86	0.85	0.82
1.25	0.98	0.98	0.96	0.93	0.89	0.86	0.96	0.94	0.92	0.90	0.88	0.96	1.02	1.00	0.97	0.94	0.93	0.91
1.50	1.02	1.02	1.00	0.96	0.92	0.89	1.00	0.96	0.92	0.89	0.88	0.96	1.04	1.01	0.97	0.94	0.93	0.91
2.00	1.09	1.09	1.07	1.01	0.97	0.94	1.07	1.01	0.97	0.94	0.93	1.00	1.11	1.05	0.99	0.97	0.96	0.95
2.50	1.14	1.14	1.11	1.05	0.99	0.97	1.14	1.07	1.01	1.00	0.98	1.00	1.17	1.10	1.03	1.02	1.01	1.00
3.00	1.17	1.17	1.14	1.07	1.01	1.00	1.17	1.10	1.03	1.02	1.01	1.00	1.20	1.14	1.07	1.06	1.05	1.04
4.00	1.20	1.20	1.17	1.10	1.03	1.02	1.20	1.14	1.07	1.06	1.05	1.04	1.23	1.17	1.10	1.09	1.08	1.07
5.00	1.23	1.23	1.19	1.11	1.04	1.04	1.23	1.17	1.10	1.09	1.08	1.07	1.25	1.19	1.11	1.10	1.09	1.08

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1436	1230	1400
50.0	1104	930	1074
55.0	819	678	794
60.0	583	474	563
65.0	408	325	393
70.0	266	207	255
75.0	180	137	172
80.0	127	94	121
85.0	93	66	88
90.0	81	55	76

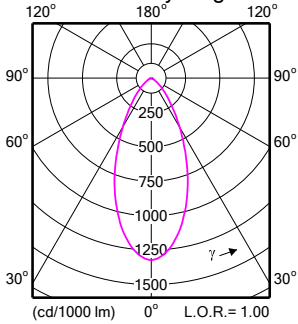
(cd/m2)

2021-08-30

BVP359 S 12LED BL 220V L15 1xLED 45

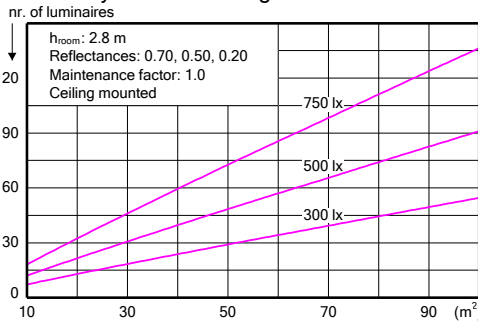
1 x 530 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 500 cd/m2

Quantity estimation diagram

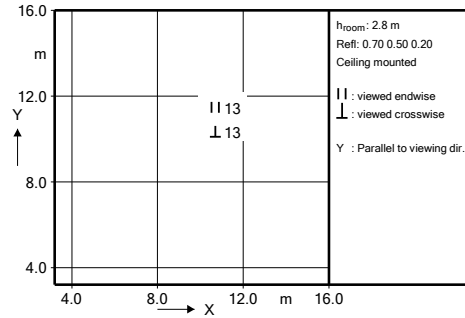


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																	
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.30	0.00
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.73	0.78	0.75	0.77	0.75	0.73	0.73
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.88	0.84	0.86	0.84	0.82	0.78	0.95	0.91	0.87	0.84	0.83	0.80
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.96	0.92	0.90	0.89	0.87	0.88	1.01	0.92	0.87	0.84	0.83	0.82
1.50	1.01	0.92	0.99	0.95	0.91	0.87	1.01	0.92	0.89	0.87	0.86	0.84	1.04	0.94	0.89	0.87	0.86	0.83
2.00	1.08	0.97	1.06	1.01	0.96	0.93	1.06	0.97	0.94	0.93	0.92	0.90	1.10	0.99	0.94	0.93	0.92	0.89
2.50	1.13	1.00	1.10	1.04	0.99	0.97	1.13	1.01	0.99	0.97	0.96	0.94	1.16	1.02	0.97	0.96	0.95	0.93
3.00	1.16	1.02	1.13	1.07	1.01	0.99	1.16	1.02	0.99	0.97	0.96	0.94	1.19	1.03	0.98	0.97	0.96	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.20	1.04	0.99	0.97	0.96	0.94	1.22	1.05	1.01	1.01	1.00	0.99
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.22	1.05	1.01	0.99	0.98	0.96	1.23	1.05	1.01	1.01	1.00	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2903	2485	2830
50.0	1898	1599	1845
55.0	1197	991	1159
60.0	718	584	694
65.0	400	319	385
70.0	174	135	166
75.0	91	69	87
80.0	84	62	80
85.0	81	57	76
90.0	81	55	75

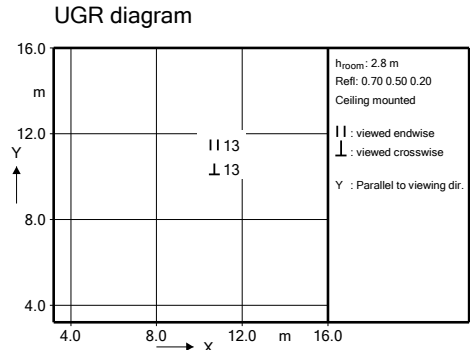
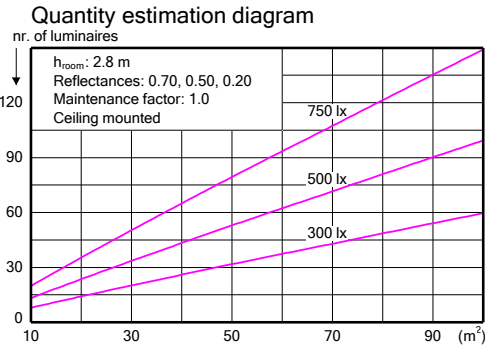
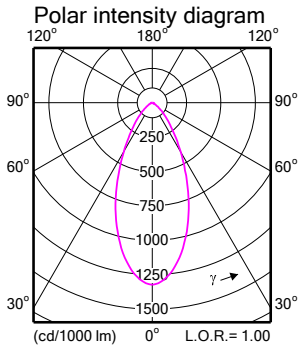
(cd/m2)

2021-08-30



BVP359 S 12LED BL 220V L15 DMX 1xLED 45

1 x 485 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

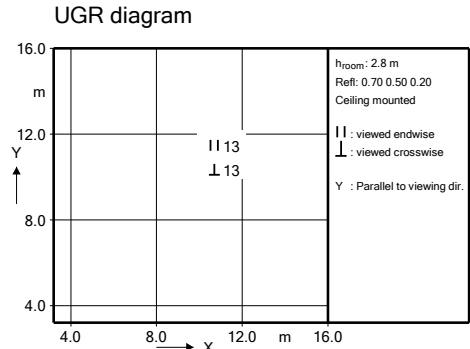
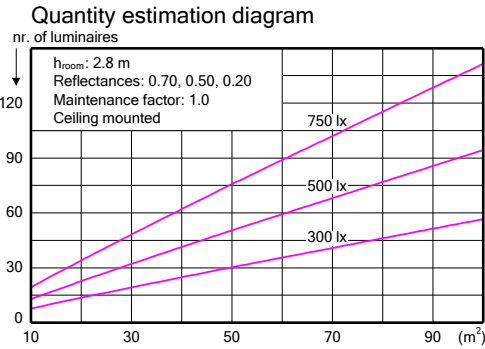
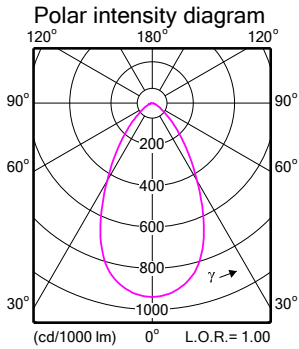
Plane Cone	0.0	45.0	90.0
45.0	2657	2274	2590
50.0	1737	1463	1688
55.0	1095	907	1061
60.0	657	534	635
65.0	366	292	353
70.0	159	124	152
75.0	84	63	80
80.0	77	57	73
85.0	74	53	69
90.0	74	50	69

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED BL 220V L15 1xLED 60

1 x 520 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	

Ceiling mounted

Luminance Table

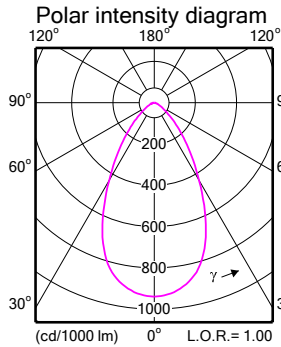
Plane Cone	0.0	45.0	90.0
45.0	3381	2895	3296
50.0	2240	1887	2177
55.0	1486	1230	1440
60.0	1042	847	1006
65.0	728	580	701
70.0	471	367	451
75.0	289	220	276
80.0	183	135	174
85.0	115	82	108
90.0	87	60	82

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 12LED BL 220V L15 DMX 1xLED 60**

1 x 475 lm

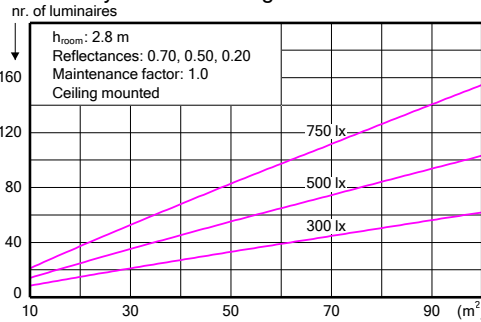


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Quantity estimation diagram

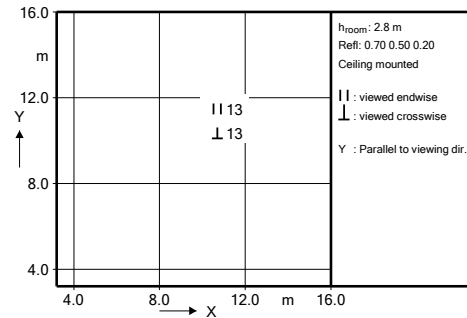


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

UGR diagram



Luminance Table

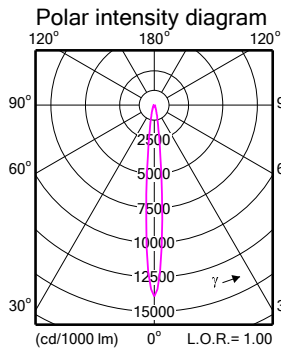
Plane Cone	0.0	45.0	90.0
45.0	3089	2644	3011
50.0	2046	1723	1989
55.0	1357	1124	1315
60.0	952	774	919
65.0	665	530	640
70.0	430	335	412
75.0	264	201	252
80.0	168	124	159
85.0	105	75	99
90.0	80	55	75

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 12LED GN 220V L15 1xLED 10**

1 x 1725 lm

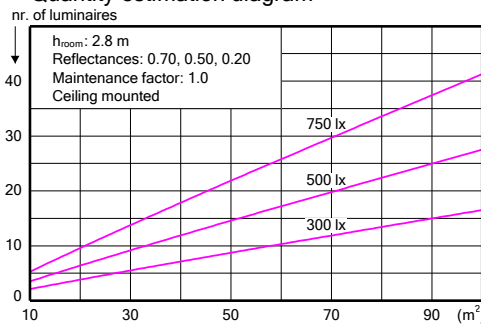


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Quantity estimation diagram

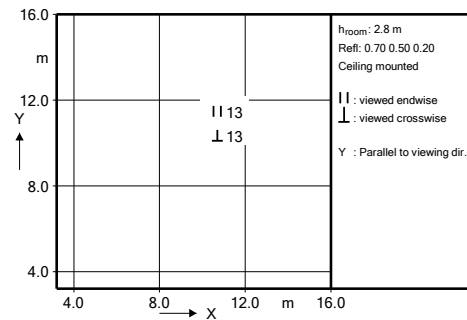


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

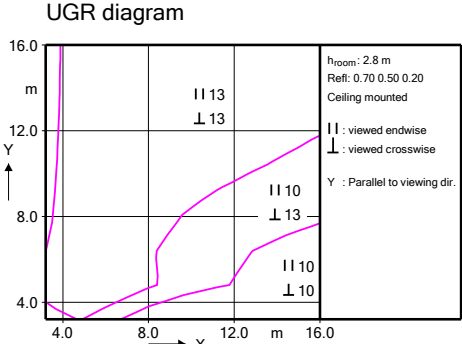
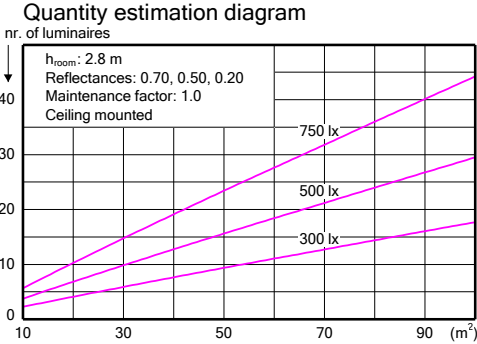
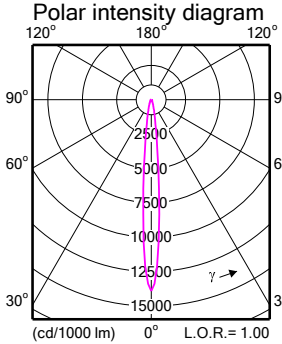
Plane Cone	0.0	45.0	90.0
45.0	4574	3915	4458
50.0	3289	2770	3197
55.0	2267	1877	2197
60.0	1519	1235	1467
65.0	974	776	937
70.0	557	434	534
75.0	381	290	363
80.0	361	267	343
85.0	320	228	302
90.0	317	217	296

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED GN 220V L15 DMX 1xLED 10

1 x 1610 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

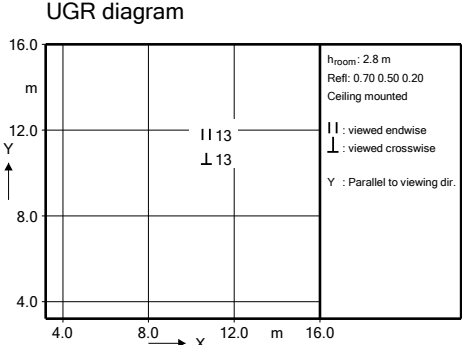
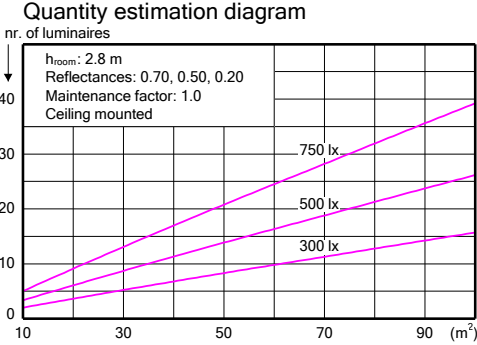
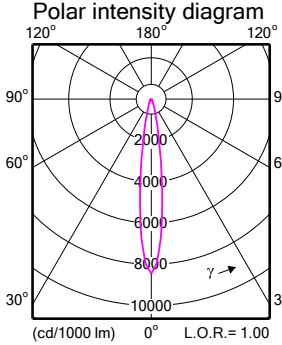
Plane Cone	0.0	45.0	90.0
45.0	4269	3654	4161
50.0	3070	2586	2984
55.0	2116	1752	2050
60.0	1418	1152	1369
65.0	909	724	875
70.0	520	405	498
75.0	356	270	339
80.0	337	249	320
85.0	299	213	281
90.0	296	202	277

(cd/m2)

2021-08-30

BVP359 S 12LED GN 220V L15 1xLED 15

1 x 1815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4594	3933	4478
50.0	3385	2851	3291
55.0	2416	2001	2342
60.0	1611	1310	1556
65.0	1025	817	987
70.0	580	452	556
75.0	369	281	352
80.0	308	228	292
85.0	255	182	240
90.0	230	157	215

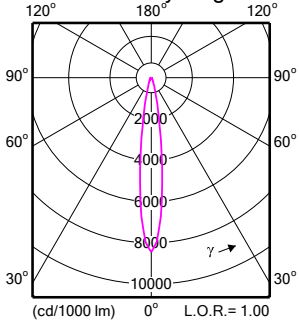
(cd/m2)

2021-08-30

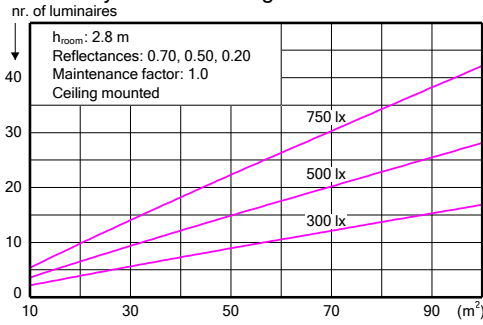
BVP359 S 12LED GN 220V L15 DMX 1xLED 15

1 x 1690 lm

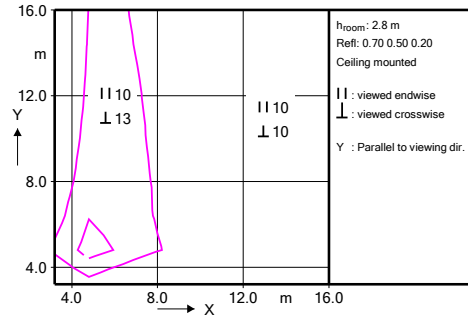
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4277	3662	4170
50.0	3152	2655	3064
55.0	2250	1863	2180
60.0	1500	1220	1449
65.0	955	761	919
70.0	540	421	518
75.0	344	261	328
80.0	287	212	272
85.0	237	169	223
90.0	214	146	200

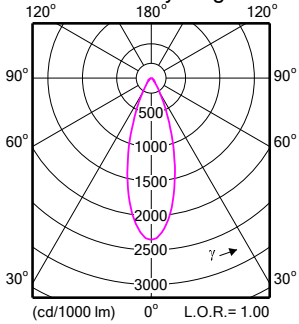
(cd/m<sup>2</sup>)

2021-08-30

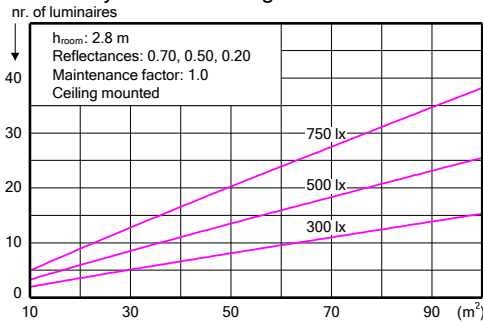
BVP359 S 12LED GN 220V L15 1xLED 30

1 x 1880 lm

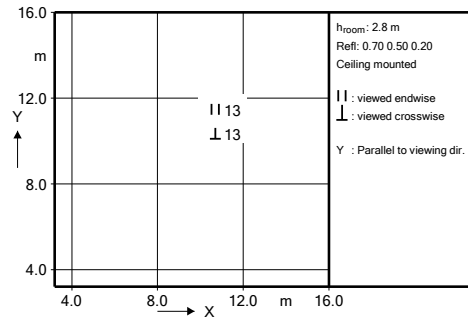
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5347	4578	5212
50.0	4112	3463	3997
55.0	3050	2525	2956
60.0	2170	1764	2096
65.0	1519	1210	1462
70.0	991	772	950
75.0	670	509	639
80.0	473	350	449
85.0	347	247	327
90.0	302	206	282

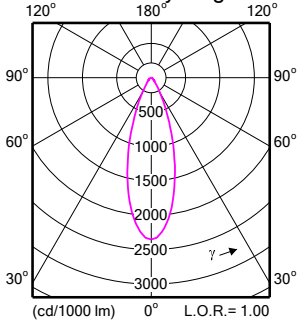
(cd/m<sup>2</sup>)

2021-08-30

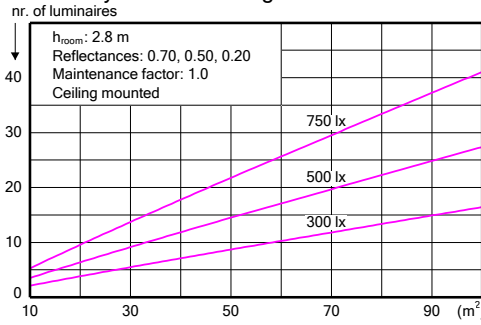
BVP359 S 12LED GN 220V L15 DMX 1xLED 30

1 x 1750 lm

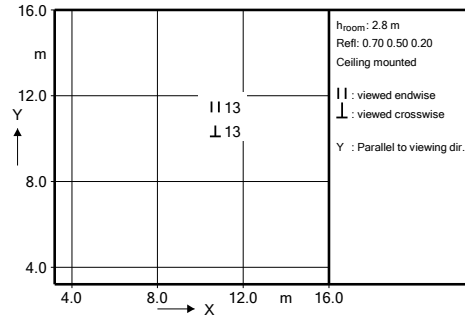
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4977	4261	4852
50.0	3827	3224	3720
55.0	2839	2350	2751
60.0	2020	1642	1951
65.0	1414	1127	1361
70.0	922	719	884
75.0	624	474	595
80.0	441	325	418
85.0	323	230	304
90.0	281	192	262

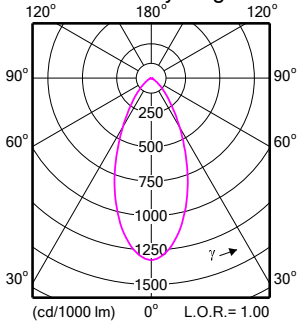
(cd/m2)

2021-08-30

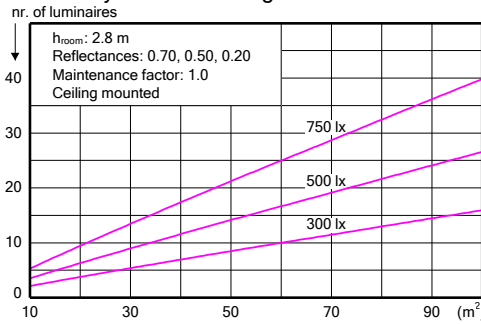
BVP359 S 12LED GN 220V L15 1xLED 45

1 x 1815 lm

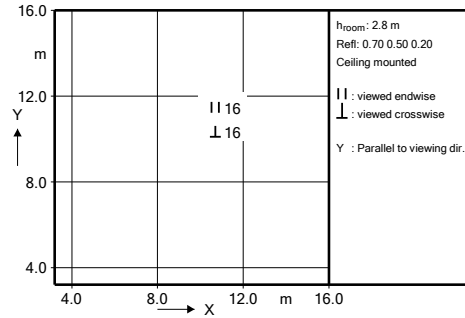
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9941	8511	9691
50.0	6500	5475	6318
55.0	4098	3392	3971
60.0	2460	2000	2376
65.0	1371	1093	1320
70.0	595	464	570
75.0	313	238	298
80.0	288	213	273
85.0	276	197	260
90.0	276	188	258

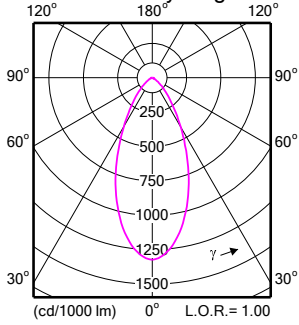
(cd/m2)

2021-08-30

BVP359 S 12LED GN 220V L15 DMX 1xLED 45

1 x 1690 lm

Polar intensity diagram

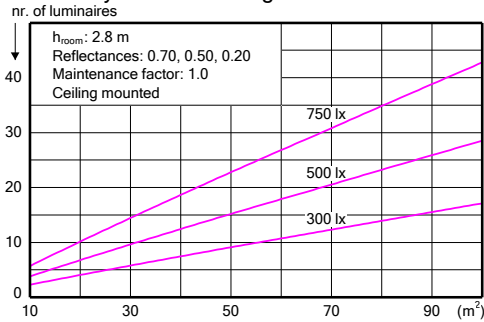


Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

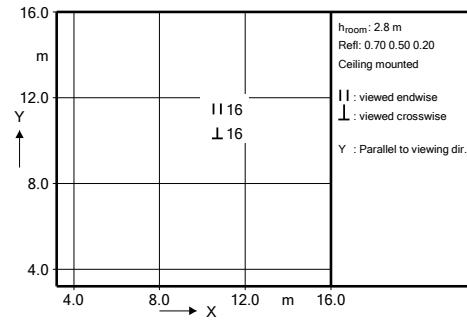


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.10		
	0.80	0.50	0.30	0.70	0.50	0.30	0.50	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.60	0.59	0.57	0.55
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.65	0.63	0.61	0.59
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.71	0.69	0.67	0.65
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.76	0.74	0.72	0.70
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.80	0.78	0.76	0.74
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.85	0.83	0.81	0.79
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.89	0.87	0.85	0.83
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.91	0.89	0.87	0.85
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.94	0.92	0.90	0.88
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.95	0.93	0.91	0.89

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9257	7925	9024
50.0	6052	5098	5883
55.0	3815	3159	3697
60.0	2291	1862	2212
65.0	1277	1018	1229
70.0	554	432	531
75.0	291	221	278
80.0	268	198	254
85.0	257	183	242
90.0	257	175	240

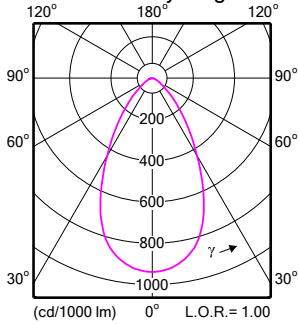
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED GN 220V L15 1xLED 60

1 x 1770 lm

Polar intensity diagram

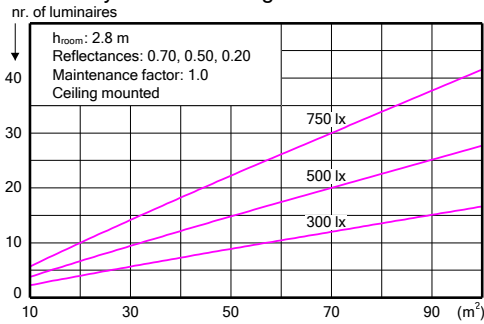


Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

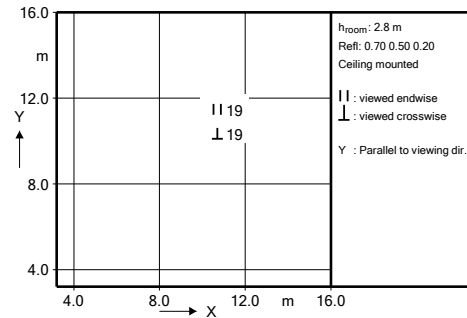


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.10		
	0.80	0.50	0.30	0.70	0.50	0.30	0.50	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.56	0.54	0.52	0.50
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.62	0.60	0.58	0.56
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.67	0.65	0.63	0.61
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.72	0.70	0.68	0.66
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.76	0.74	0.72	0.70
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.82	0.80	0.78	0.76
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.86	0.84	0.82	0.80
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.88	0.86	0.84	0.82
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.91	0.89	0.87	0.85
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.92	0.90	0.88	0.86

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11510	9854	11220
50.0	7625	6422	7412
55.0	5058	4188	4902
60.0	3547	2883	3425
65.0	2478	1975	2385
70.0	1602	1249	1535
75.0	984	748	939
80.0	624	461	592
85.0	390	278	367
90.0	297	203	278

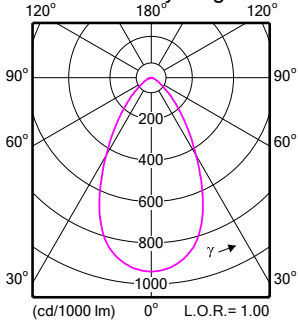
(cd/m<sup>2</sup>)

2021-08-30

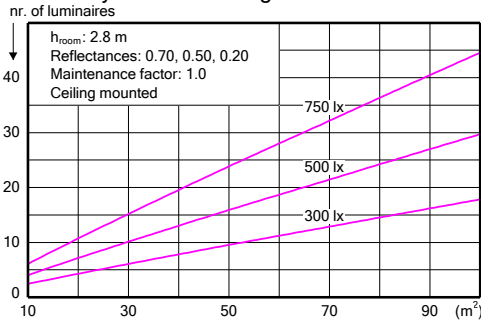
**BVP359 S 12LED GN 220V L15 DMX 1xLED 60**

1 x 1650 lm

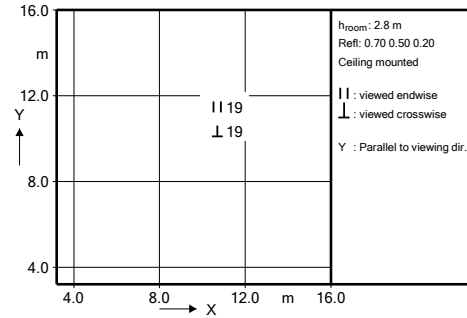
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10730	9186	10459
50.0	7108	5987	6909
55.0	4715	3904	4569
60.0	3306	2688	3193
65.0	2310	1841	2223
70.0	1493	1164	1431
75.0	918	698	875
80.0	582	430	552
85.0	364	259	342
90.0	277	189	259

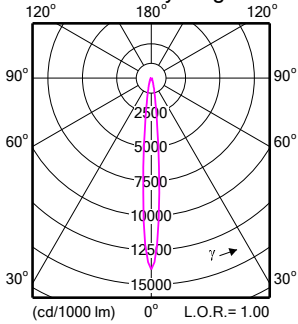
(cd/m2)

2021-08-30

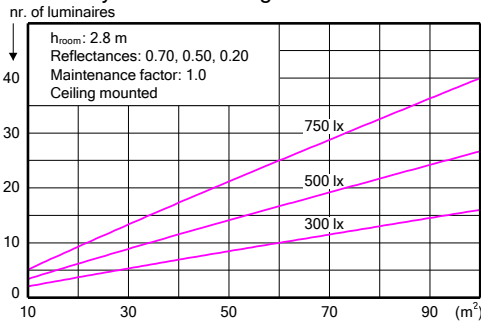
**BVP359 S 12LED TW 220V L15 DMX 1xLED 10**

1 x 1780 lm

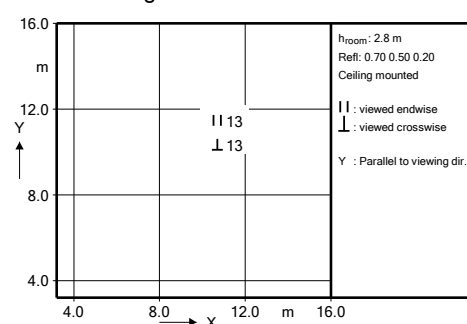
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4719	4040	4601
50.0	3394	2859	3299
55.0	2339	1937	2267
60.0	1567	1274	1514
65.0	1005	801	967
70.0	575	448	551
75.0	393	299	375
80.0	273	275	354
85.0	230	236	311
90.0	228	224	306

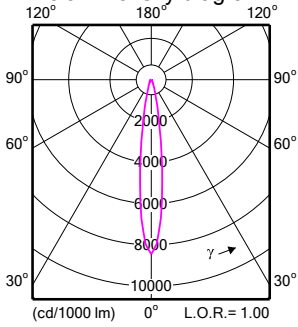
(cd/m2)

2021-08-30

**BVP359 S 12LED TW 220V L15 DMX 1xLED 15**

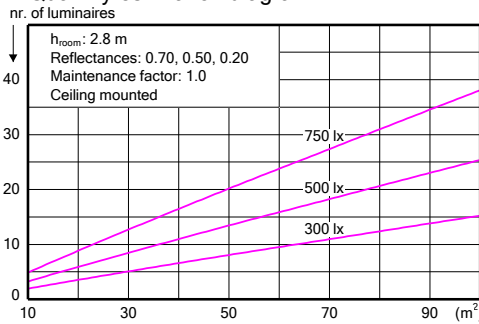
1 x 1870 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Quantity estimation diagram

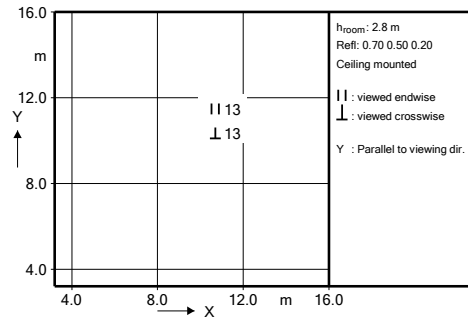


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4733	4052	4614
50.0	3488	2938	3390
55.0	2490	2061	2413
60.0	1660	1349	1603
65.0	1056	842	1016
70.0	598	466	573
75.0	381	289	363
80.0	318	235	301
85.0	262	187	247
90.0	237	162	221

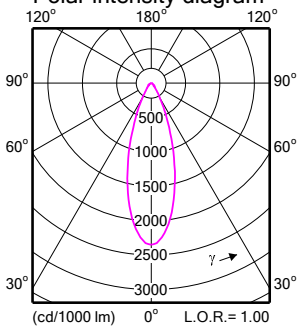
(cd/m2)

2021-08-30

**BVP359 S 12LED TW 220V L15 DMX 1xLED 30**

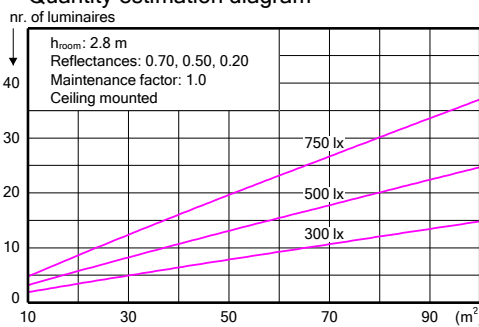
1 x 1940 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

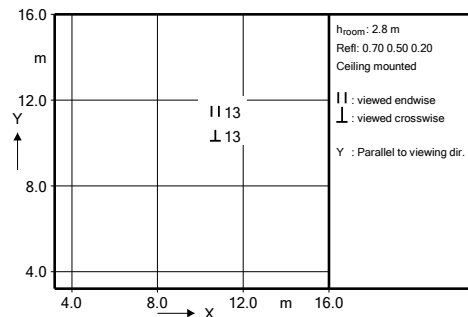


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5518	4724	5379
50.0	4243	3574	4124
55.0	3147	2606	3050
60.0	2240	1821	2163
65.0	1567	1249	1508
70.0	1023	797	980
75.0	692	526	660
80.0	489	361	463
85.0	358	255	337
90.0	311	213	291

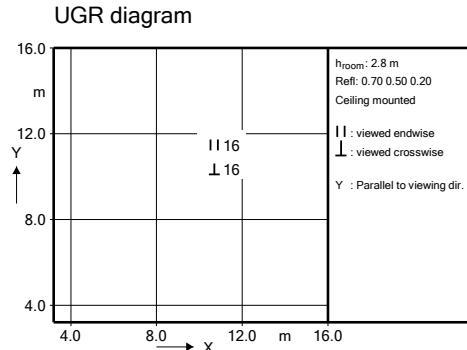
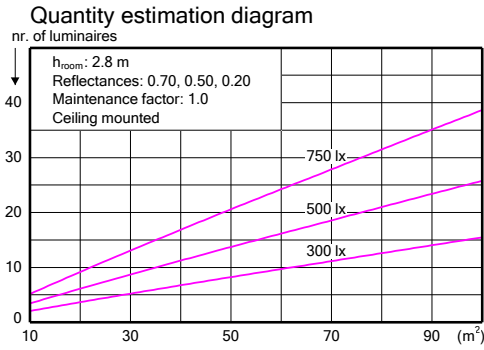
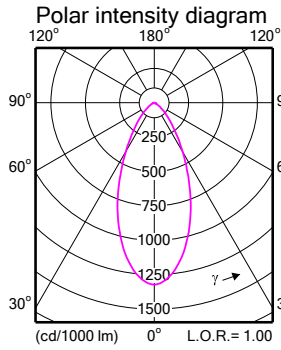
(cd/m2)

2021-08-30



BVP359 S 12LED TW 220V L15 DMX 1xLED 45

1 x 1870 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>rcn</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

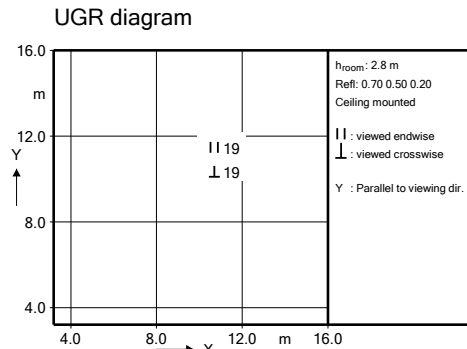
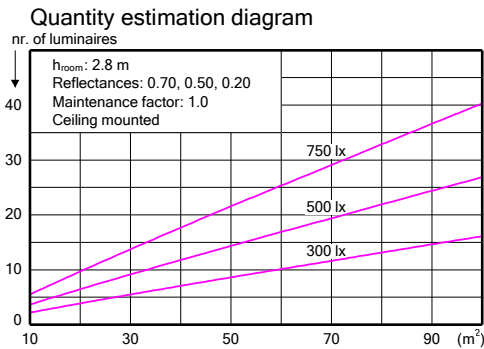
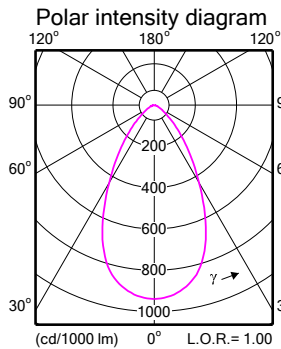
Plane Cone	0.0	45.0	90.0
45.0	10243	8769	9985
50.0	6697	5640	6510
55.0	4222	3495	4091
60.0	2535	2060	2448
65.0	1413	1126	1360
70.0	613	478	587
75.0	322	245	307
80.0	297	219	282
85.0	284	203	268
90.0	284	194	265

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 12LED TW 220V L15 DMX 1xLED 60

1 x 1825 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>rcn</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

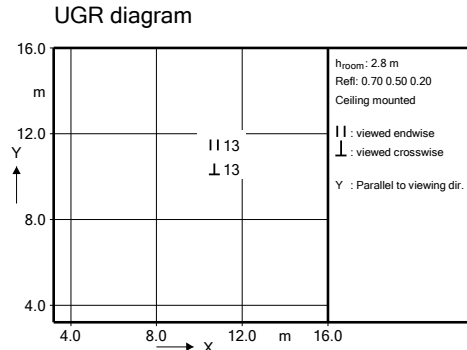
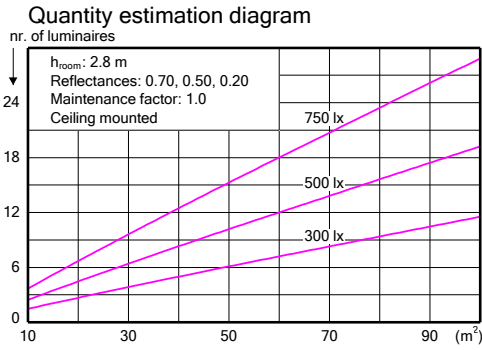
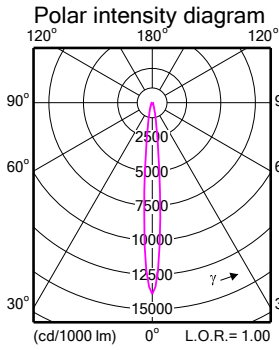
Plane Cone	0.0	45.0	90.0
45.0	11868	10160	11569
50.0	7862	6621	7642
55.0	5215	4318	5054
60.0	3657	2973	3532
65.0	2555	2036	2459
70.0	1652	1287	1583
75.0	1015	771	968
80.0	644	475	610
85.0	402	287	379
90.0	307	209	286

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 16LED 22K 220V L18 1xLED 10

1 x 2470 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

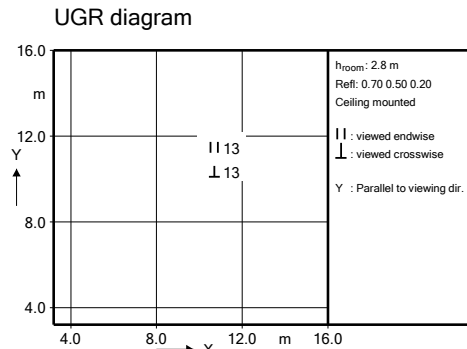
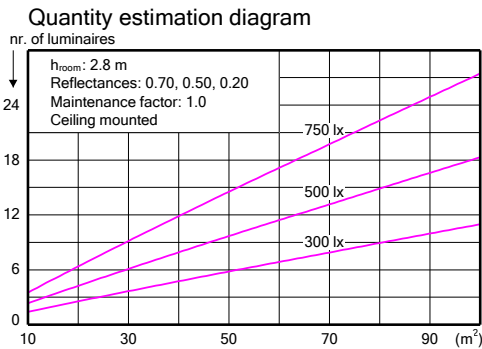
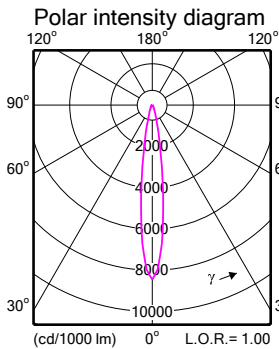
Plane Cone	0.0	45.0	90.0
45.0	5807	4849	5320
50.0	4207	3443	3815
55.0	2923	2342	2621
60.0	1976	1547	1750
65.0	1279	976	1118
70.0	740	549	637
75.0	513	368	434
80.0	494	341	409
85.0	447	294	360
90.0	455	281	354

(cd/m2)

2021-08-30

BVP359 S 16LED 22K 220V L18 1xLED 15

1 x 2595 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5824	4863	5335
50.0	4324	3539	3921
55.0	3111	2492	2790
60.0	2092	1638	1854
65.0	1344	1026	1175
70.0	769	571	662
75.0	496	356	420
80.0	421	290	348
85.0	355	233	286
90.0	329	204	256

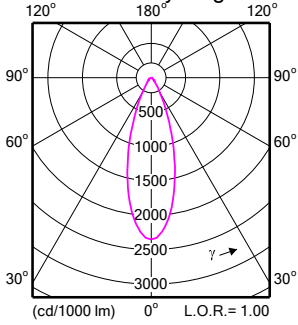
(cd/m2)

2021-08-30

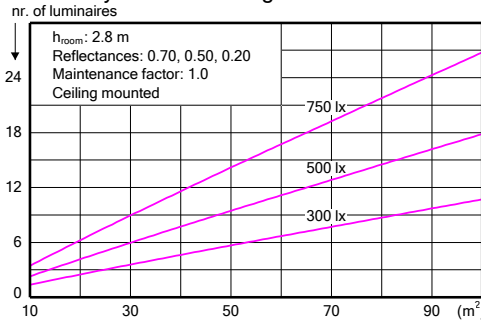
BVP359 S 16LED 22K 220V L18 1xLED 30

1 x 2685 lm

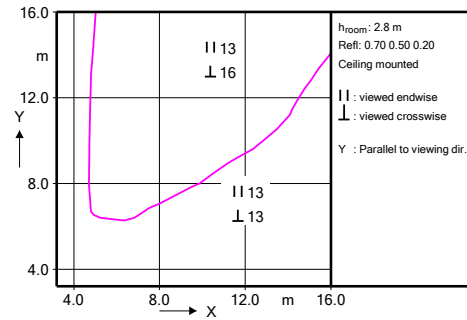
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6772	5654	6203
50.0	5246	4293	4757
55.0	3922	3142	3518
60.0	2816	2204	2495
65.0	1990	1519	1740
70.0	1313	974	1130
75.0	899	646	761
80.0	646	446	534
85.0	482	317	389
90.0	431	267	335

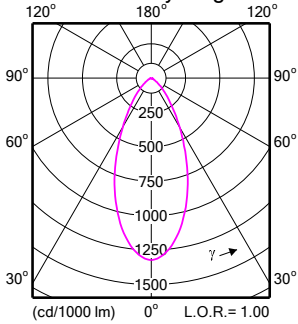
(cd/m2)

2021-08-30

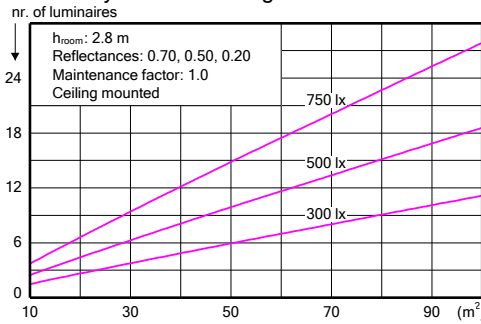
BVP359 S 16LED 22K 220V L18 1xLED 45

1 x 2595 lm

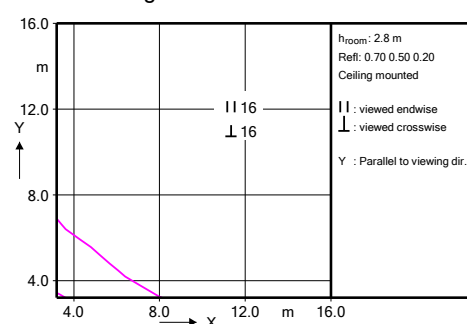
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12605	10524	11547
50.0	8302	6795	7528
55.0	5275	4226	4731
60.0	3195	2501	2831
65.0	1798	1373	1572
70.0	789	585	679
75.0	420	301	355
80.0	393	272	326
85.0	384	253	310
90.0	395	244	307

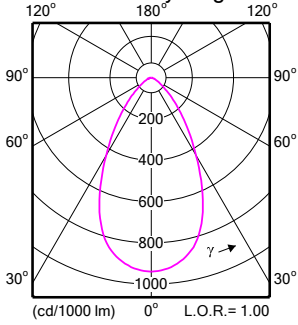
(cd/m2)

2021-08-30

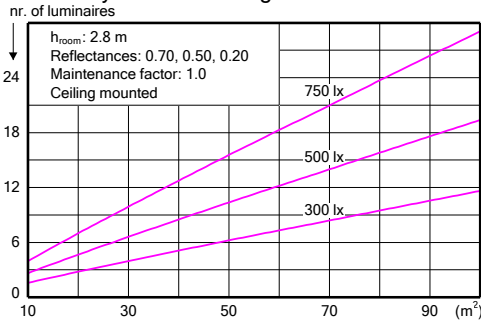
BVP359 S 16LED 22K 220V L18 1xLED 60

1 x 2530 lm

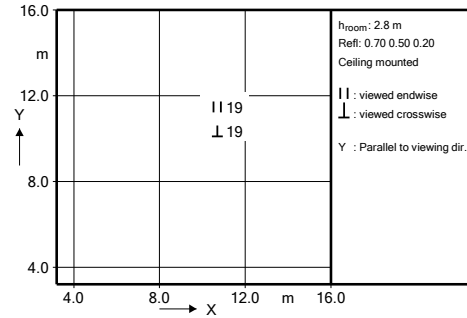
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57	0.57	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64	0.64	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.79	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	14590	12182	13365
50.0	9737	7968	8828
55.0	6511	5216	5839
60.0	4605	3605	4080
65.0	3249	2480	2840
70.0	2124	1575	1829
75.0	1322	949	1118
80.0	852	588	705
85.0	543	357	437
90.0	425	263	331

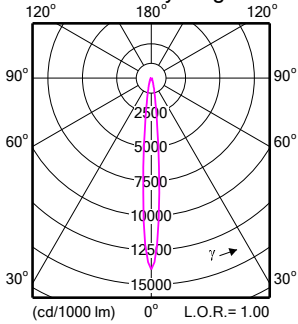
(cd/m<sup>2</sup>)

2021-08-30

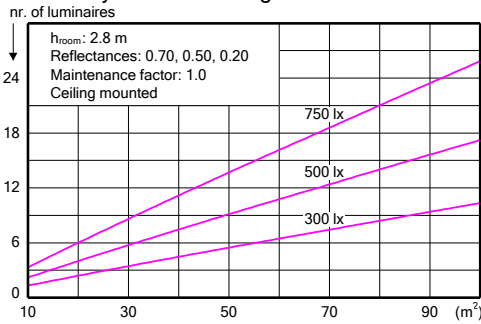
BVP359 S 16LED 27K 220V L18 1xLED 10

1 x 2755 lm

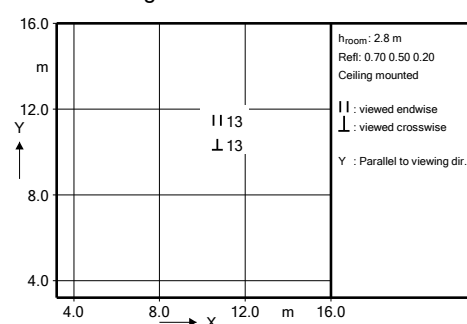
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

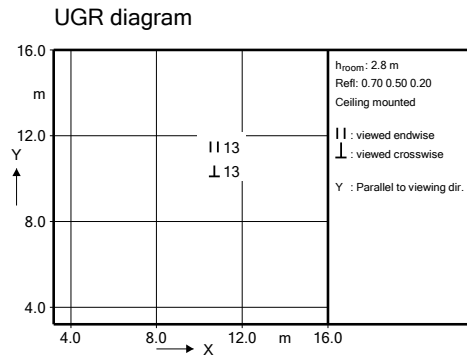
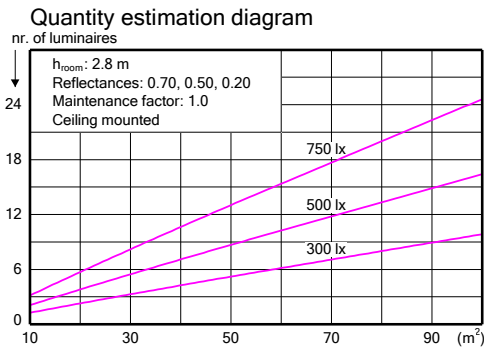
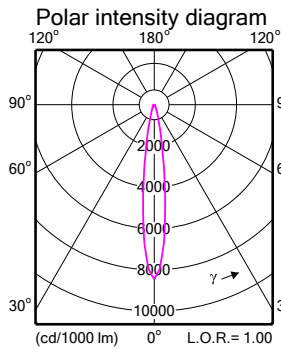
Plane Cone	0.0	45.0	90.0
45.0	6477	5408	5934
50.0	4693	3841	4255
55.0	3260	2612	2924
60.0	2203	1725	1952
65.0	1427	1089	1247
70.0	825	612	710
75.0	572	411	484
80.0	551	380	456
85.0	498	328	401
90.0	507	314	394

(cd/m<sup>2</sup>)

2021-08-30

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1 x 2895 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

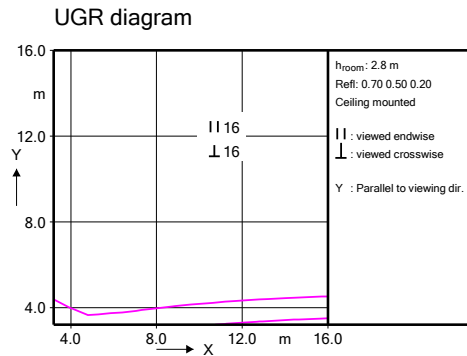
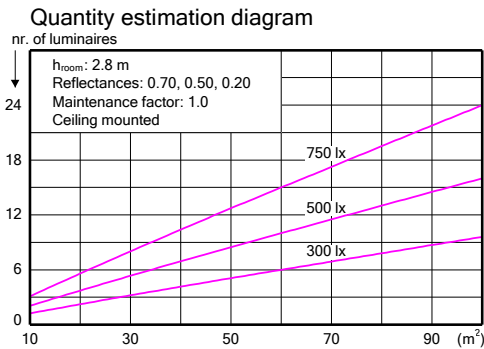
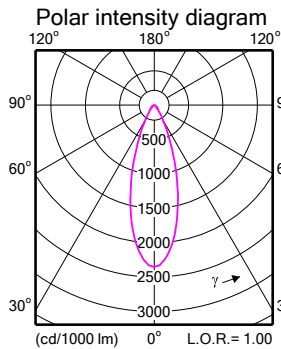
Plane Cone	0.0	45.0	90.0
45.0	6498	5425	5952
50.0	4824	3948	4374
55.0	3471	2781	3113
60.0	2334	1828	2068
65.0	1500	1145	1311
70.0	858	637	739
75.0	554	397	468
80.0	469	324	389
85.0	396	260	319
90.0	367	227	286

(cd/m2)

2021-08-30

BVP359 S 16LED 27K 220V L18 1xLED 30

1 x 2995 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

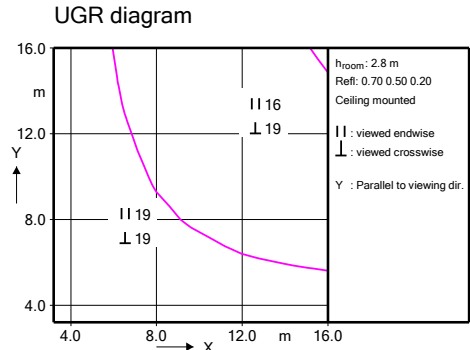
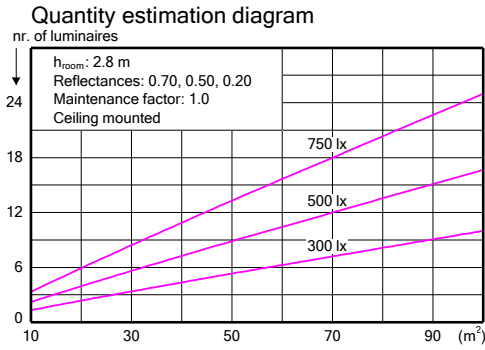
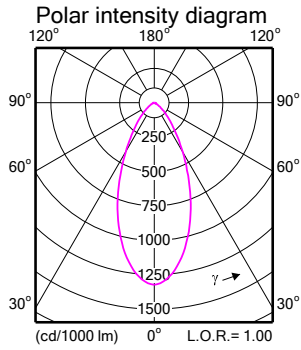
Plane Cone	0.0	45.0	90.0
45.0	7554	6307	6920
50.0	5852	4789	5306
55.0	4375	3505	3924
60.0	3141	2459	2783
65.0	2220	1694	1941
70.0	1464	1086	1261
75.0	1003	720	849
80.0	720	497	596
85.0	538	354	434
90.0	481	297	374

(cd/m2)

2021-08-30

BVP359 S 16LED 27K 220V L18 1xLED 45

1 x 2895 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

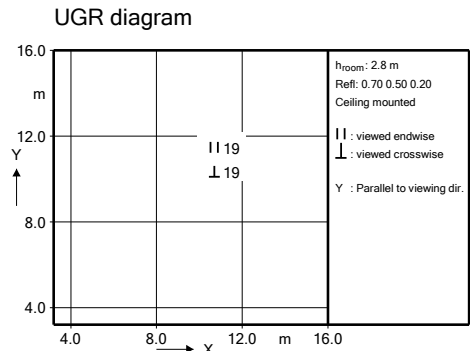
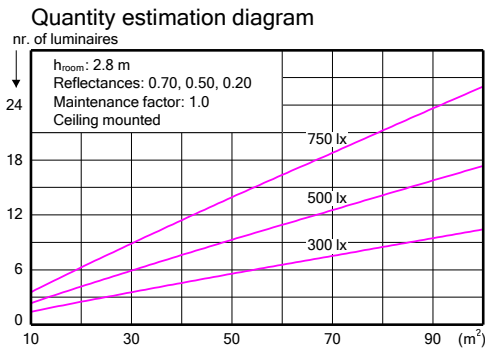
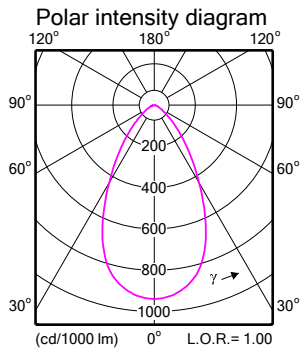
Plane Cone	0.0	45.0	90.0
45.0	14062	11741	12881
50.0	9262	7580	8398
55.0	5885	4715	5278
60.0	3564	2790	3158
65.0	2006	1531	1754
70.0	880	653	758
75.0	468	336	396
80.0	439	303	363
85.0	429	282	345
90.0	440	272	342

(cd/m2)

2021-08-30

BVP359 S 16LED 27K 220V L18 1xLED 60

1 x 2825 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

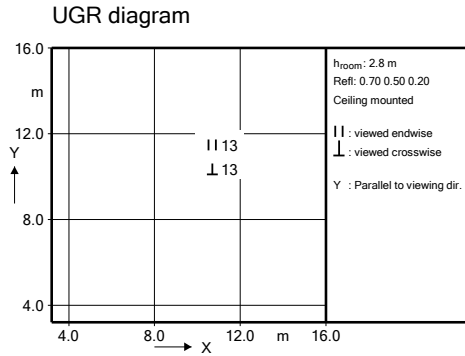
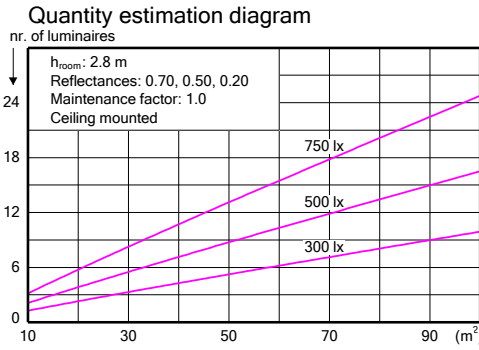
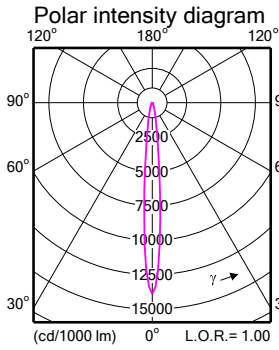
Plane Cone	0.0	45.0	90.0
45.0	16291	13602	14923
50.0	10872	8897	9858
55.0	7270	5824	6519
60.0	5142	4026	4556
65.0	3628	2769	3172
70.0	2371	1759	2042
75.0	1476	1060	1249
80.0	951	657	787
85.0	606	399	488
90.0	475	294	369

(cd/m2)

2021-08-30

BVP359 S 16LED 30K 220V L18 1xLED 10

1 x 2875 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

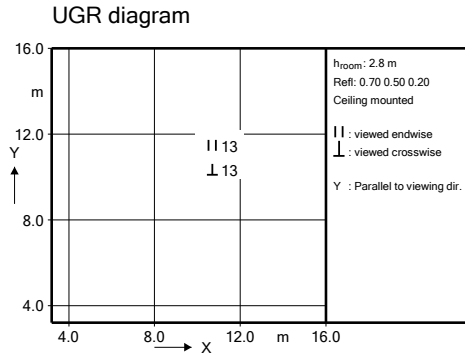
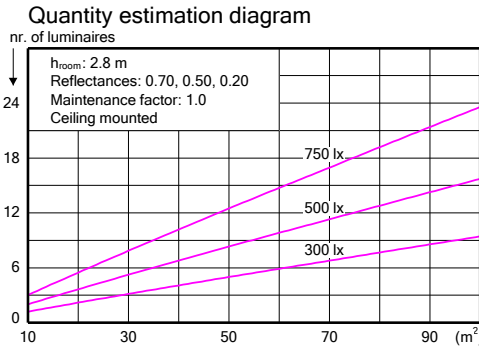
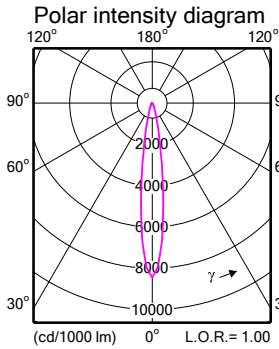
Plane Cone	0.0	45.0	90.0
45.0	6760	5644	6192
50.0	4897	4008	4440
55.0	3402	2726	3051
60.0	2299	1800	2038
65.0	1489	1136	1302
70.0	861	639	741
75.0	597	428	505
80.0	575	397	476
85.0	520	342	419
90.0	529	327	412

(cd/m2)

2021-08-30

BVP359 S 16LED 30K 220V L18 1xLED 15

1 x 3020 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

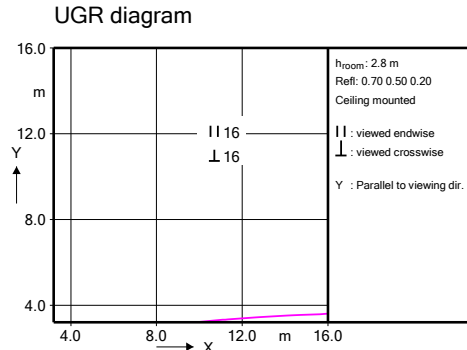
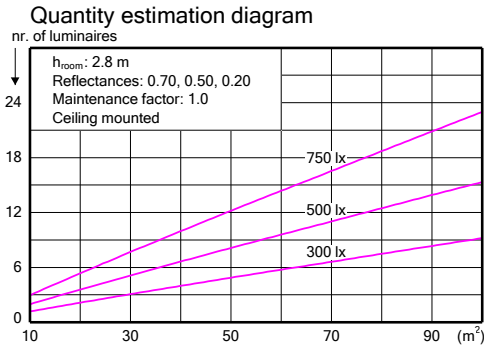
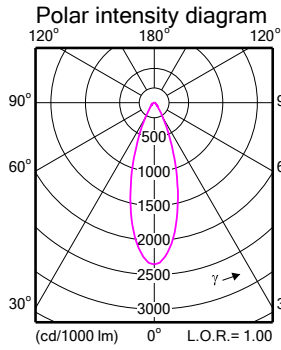
Plane Cone	0.0	45.0	90.0
45.0	6778	5660	6209
50.0	5032	4118	4563
55.0	3621	2901	3247
60.0	2435	1907	2158
65.0	1565	1194	1368
70.0	895	664	771
75.0	577	414	488
80.0	490	338	405
85.0	413	272	333
90.0	383	237	298

(cd/m2)

2021-08-30

BVP359 S 16LED 30K 220V L18 1xLED 30

1 x 3125 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

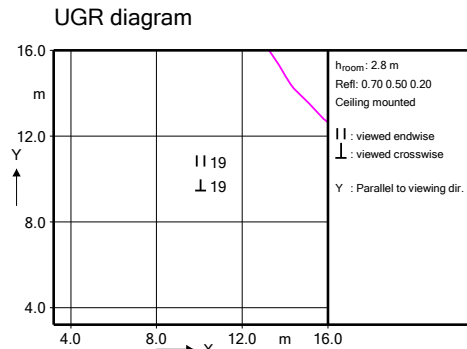
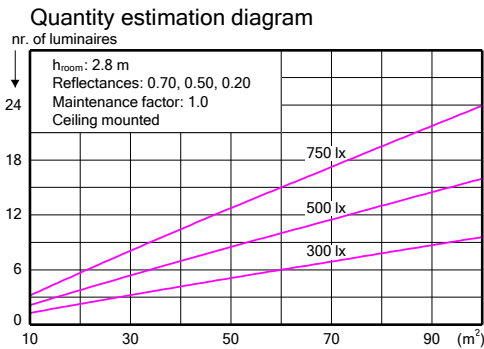
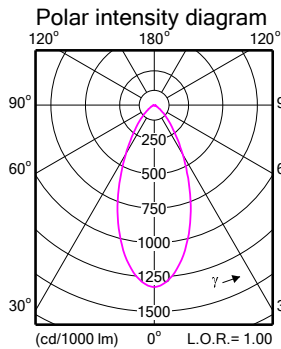
Plane Cone	0.0	45.0	90.0
45.0	7882	6581	7220
50.0	6106	4997	5536
55.0	4565	3657	4094
60.0	3277	2566	2904
65.0	2316	1768	2025
70.0	1528	1133	1315
75.0	1047	751	885
80.0	751	519	622
85.0	562	369	452
90.0	502	310	390

(cd/m2)

2021-08-30

BVP359 S 16LED 30K 220V L18 1xLED 45

1 x 3020 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	14669	12248	13438
50.0	9662	7907	8761
55.0	6139	4919	5506
60.0	3718	2911	3295
65.0	2093	1598	1830
70.0	918	681	791
75.0	489	351	413
80.0	458	316	379
85.0	447	294	360
90.0	459	284	357

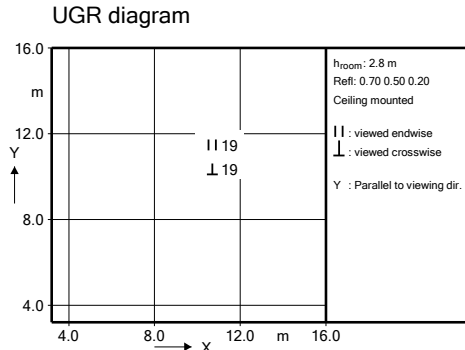
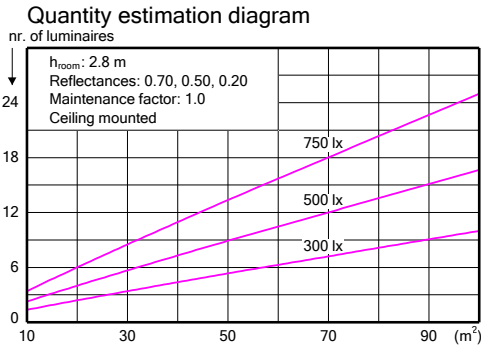
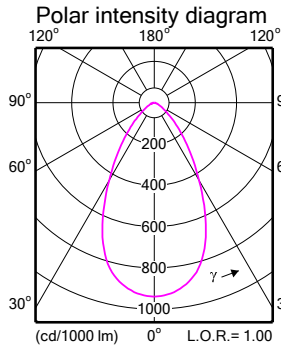
(cd/m2)

2021-08-30



### BVP359 S 16LED 30K 220V L18 1xLED 60

1 x 2945 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57	0.57	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64	0.64	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.79	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95

Ceiling mounted

Luminance Table

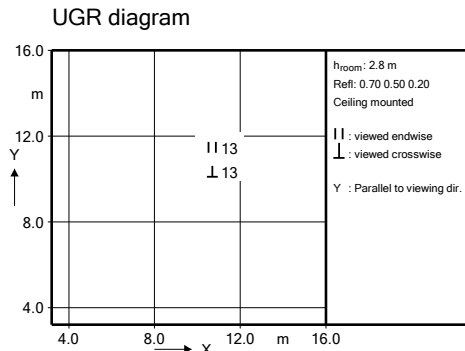
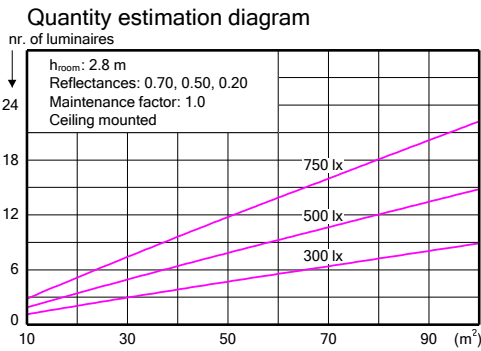
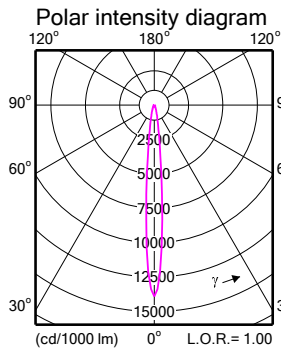
Plane Cone	0.0	45.0	90.0
45.0	16983	14180	15557
50.0	11334	9275	10276
55.0	7578	6071	6796
60.0	5360	4197	4750
65.0	3782	2887	3306
70.0	2472	1834	2128
75.0	1539	1105	1302
80.0	992	685	821
85.0	632	416	509
90.0	495	306	385

(cd/m<sup>2</sup>)

2021-08-30

### BVP359 S 16LED 40K 220V L18 1xLED 10

1 x 3205 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7536	6292	6903
50.0	5459	4468	4950
55.0	3793	3039	3401
60.0	2563	2007	2271
65.0	1660	1267	1451
70.0	960	712	826
75.0	665	478	563
80.0	641	443	531
85.0	579	381	467
90.0	590	365	459

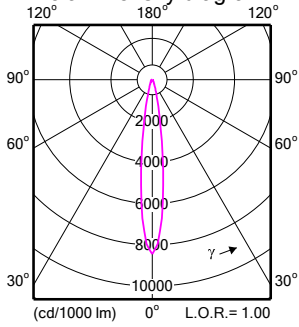
(cd/m<sup>2</sup>)

2021-08-30

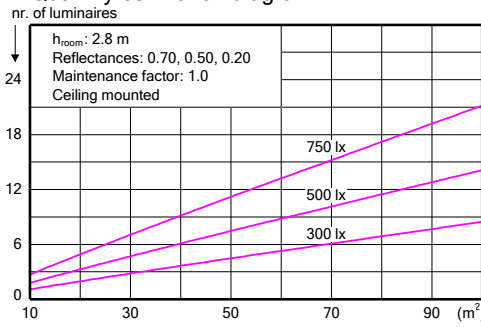
**BVP359 S 16LED 40K 220V L18 1xLED 15**

1 x 3365 lm

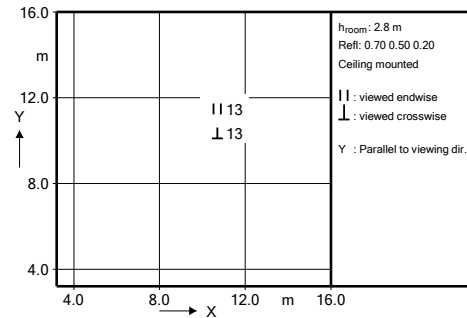
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7553	6306	6919
50.0	5607	4589	5084
55.0	4034	3232	3618
60.0	2713	2124	2404
65.0	1743	1331	1524
70.0	998	740	859
75.0	643	462	544
80.0	546	377	452
85.0	460	303	370
90.0	427	264	332

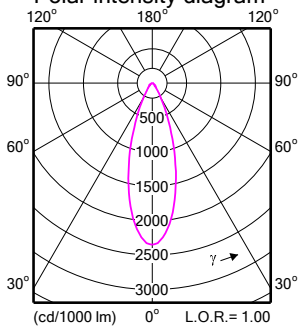
(cd/m2)

2021-08-30

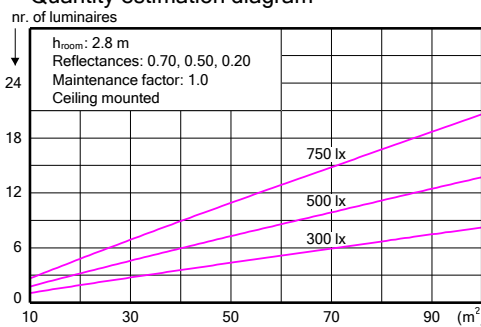
**BVP359 S 16LED 40K 220V L18 1xLED 30**

1 x 3490 lm

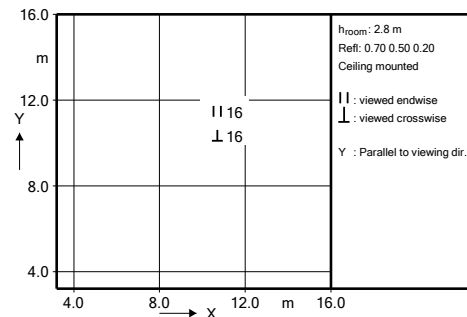
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

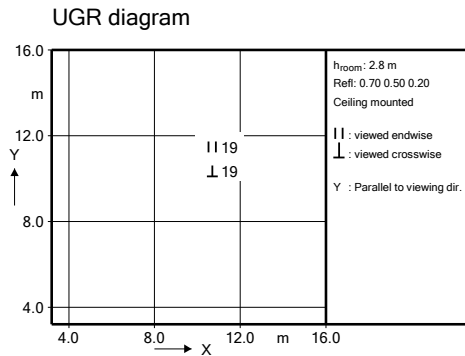
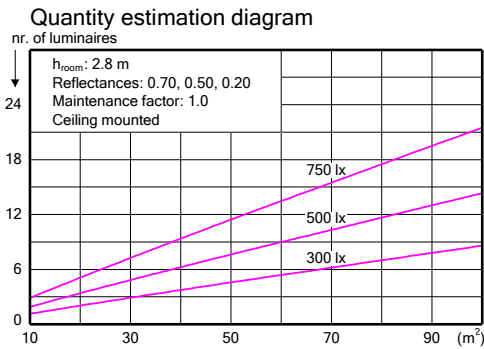
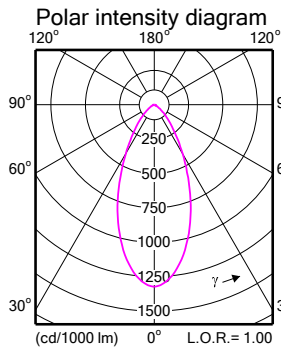
Plane Cone	0.0	45.0	90.0
45.0	8802	7350	8063
50.0	6819	5581	6183
55.0	5098	4084	4572
60.0	3660	2865	3243
65.0	2586	1974	2261
70.0	1706	1266	1469
75.0	1169	839	989
80.0	839	579	695
85.0	627	413	505
90.0	560	347	436

(cd/m2)

2021-08-30

BVP359 S 16LED 40K 220V L18 1xLED 45

1 x 3365 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

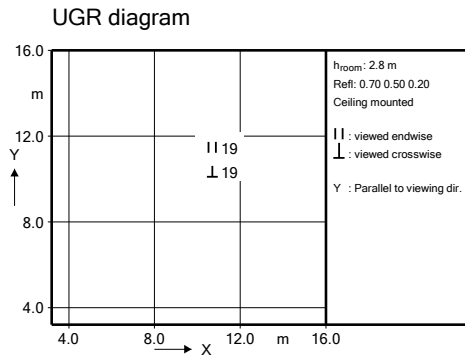
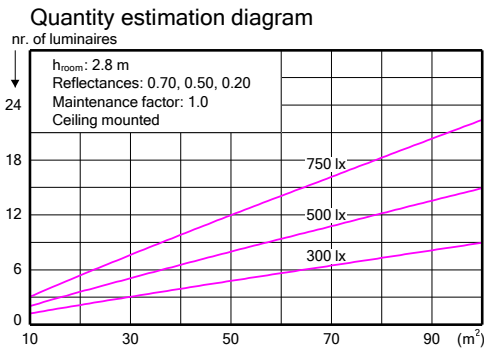
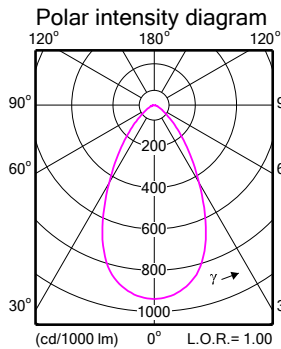
Plane Cone	0.0	45.0	90.0
45.0	16345	13647	14973
50.0	10766	8811	9762
55.0	6841	5480	6135
60.0	4143	3243	3671
65.0	2332	1780	2039
70.0	1023	759	881
75.0	544	391	460
80.0	510	352	422
85.0	498	328	401
90.0	512	317	398

(cd/m2)

2021-08-30

BVP359 S 16LED 40K 220V L18 1xLED 60

1 x 3285 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18943	15817	17353
50.0	12642	10346	11463
55.0	8453	6772	7581
60.0	5979	4681	5298
65.0	4218	3220	3688
70.0	2757	2045	2374
75.0	1717	1232	1452
80.0	1106	764	916
85.0	705	464	568
90.0	552	342	429

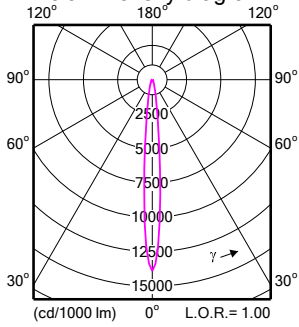
(cd/m2)

2021-08-30

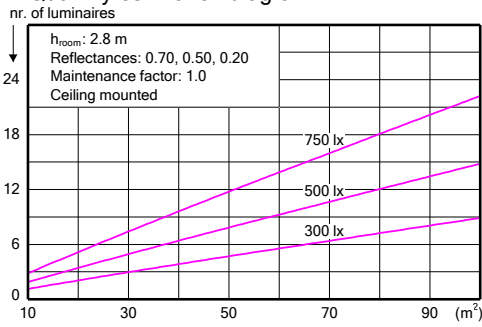
BVP359 S 16LED 50K 220V L18 1xLED 10

1 x 3205 lm

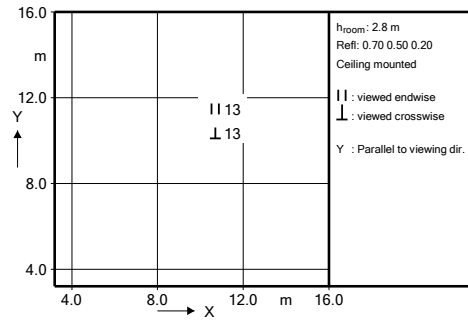
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7536	6292	6903
50.0	5459	4468	4950
55.0	3793	3039	3401
60.0	2563	2007	2271
65.0	1660	1267	1451
70.0	960	712	826
75.0	665	478	563
80.0	641	443	531
85.0	579	381	467
90.0	590	365	459

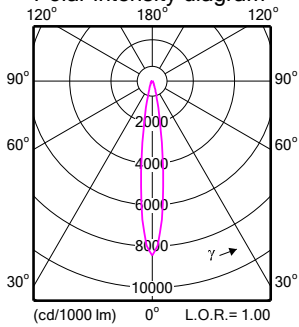
(cd/m2)

2021-08-30

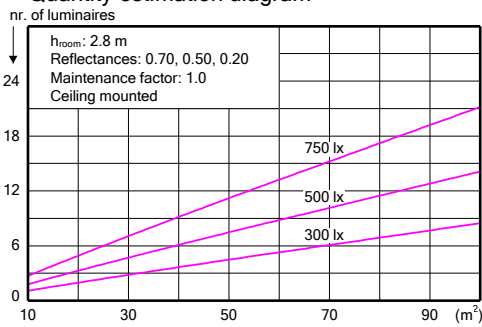
BVP359 S 16LED 50K 220V L18 1xLED 15

1 x 3365 lm

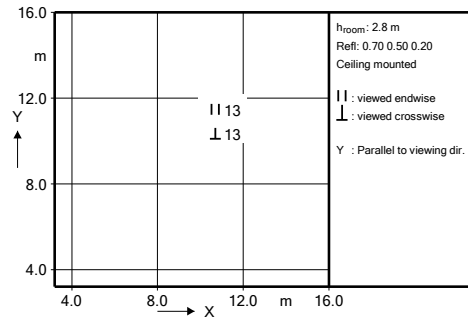
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7553	6306	6919
50.0	5607	4589	5084
55.0	4034	3232	3618
60.0	2713	2124	2404
65.0	1743	1331	1524
70.0	998	740	859
75.0	643	462	544
80.0	546	377	452
85.0	460	303	370
90.0	427	264	332

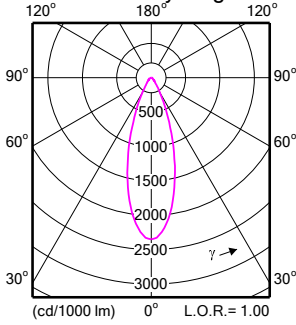
(cd/m2)

2021-08-30

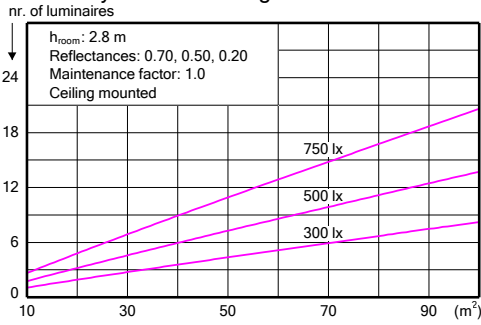
BVP359 S 16LED 50K 220V L18 1xLED 30

1 x 3490 lm

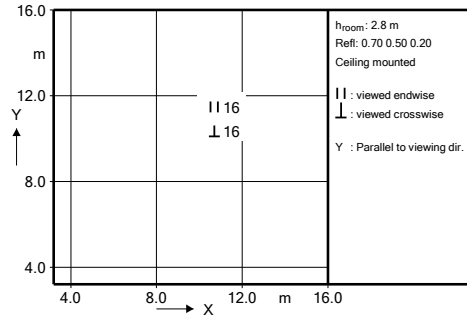
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8802	7350	8063
50.0	6819	5581	6183
55.0	5098	4084	4572
60.0	3660	2865	3243
65.0	2586	1974	2261
70.0	1705	1266	1469
75.0	1169	839	989
80.0	839	579	695
85.0	627	413	505
90.0	560	347	436

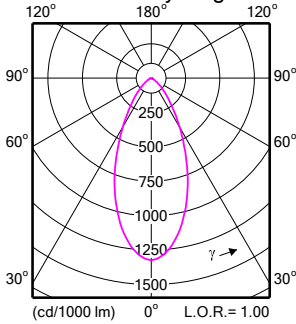
(cd/m<sup>2</sup>)

2021-08-30

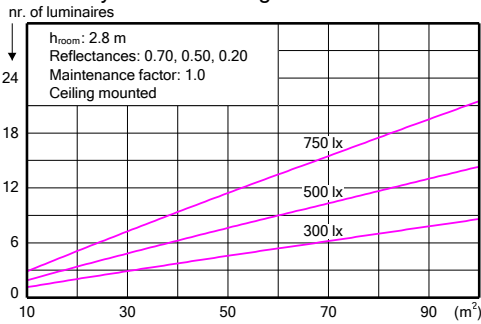
BVP359 S 16LED 50K 220V L18 1xLED 45

1 x 3365 lm

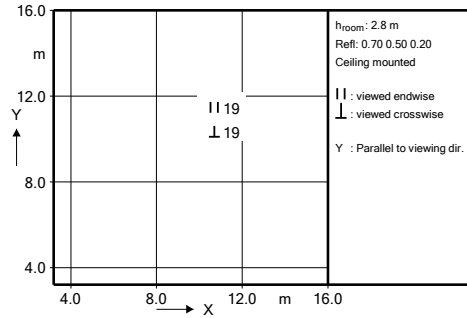
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16345	13647	14973
50.0	10766	8811	9762
55.0	6841	5480	6135
60.0	4143	3243	3671
65.0	2332	1780	2039
70.0	1023	759	881
75.0	544	391	460
80.0	510	352	422
85.0	498	328	401
90.0	512	317	398

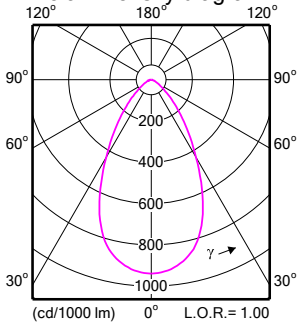
(cd/m<sup>2</sup>)

2021-08-30

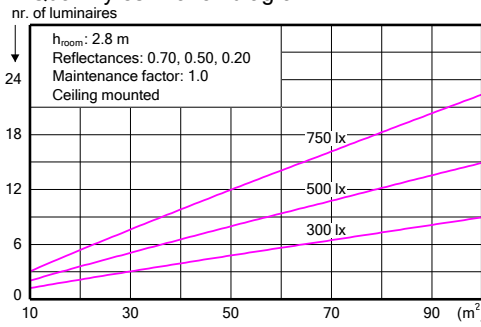
**BVP359 S 16LED 50K 220V L18 1xLED 60**

1 x 3285 lm

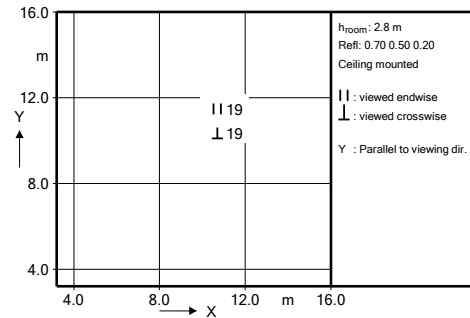
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18943	15817	17353
50.0	12642	10346	11463
55.0	8453	6772	7581
60.0	5979	4681	5298
65.0	4218	3220	3688
70.0	2757	2045	2374
75.0	1717	1232	1452
80.0	1106	764	916
85.0	705	464	568
90.0	552	342	429

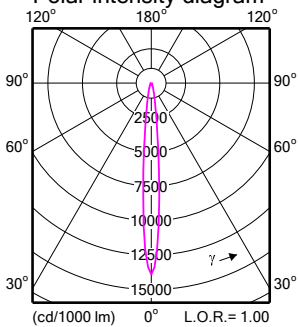
(cd/m<sup>2</sup>)

2021-08-30

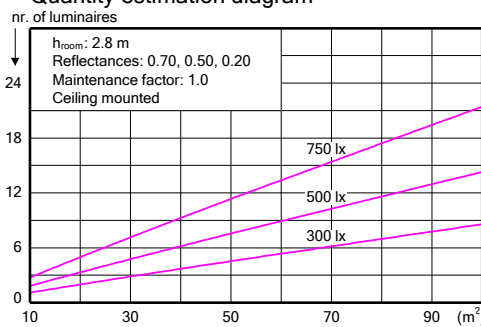
**BVP359 S 16LED 57K 220V L18 1xLED 10**

1 x 3325 lm

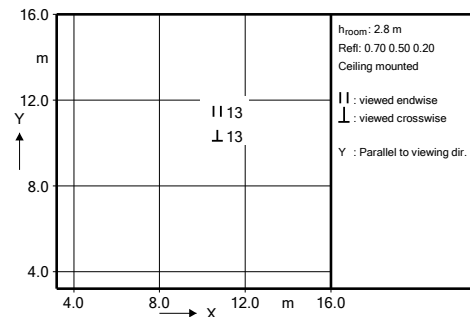
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

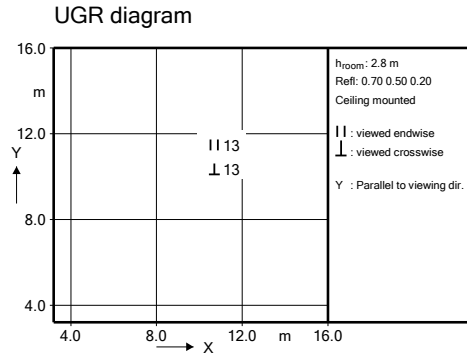
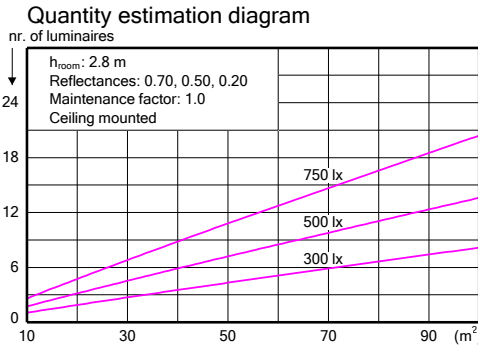
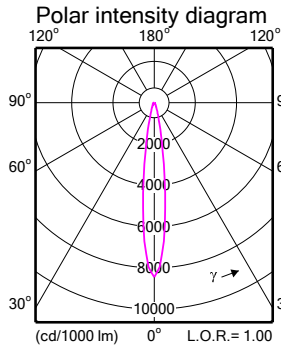
Plane Cone	0.0	45.0	90.0
45.0	7818	6527	7161
50.0	5664	4635	5135
55.0	3935	3152	3529
60.0	2659	2082	2356
65.0	1722	1314	1505
70.0	996	739	857
75.0	690	495	584
80.0	665	459	551
85.0	601	395	484
90.0	612	379	476

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 16LED 57K 220V L18 1xLED 15**

1 x 3490 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

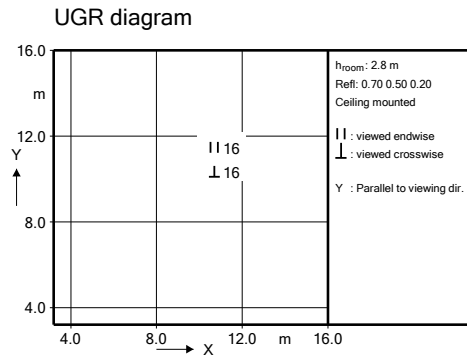
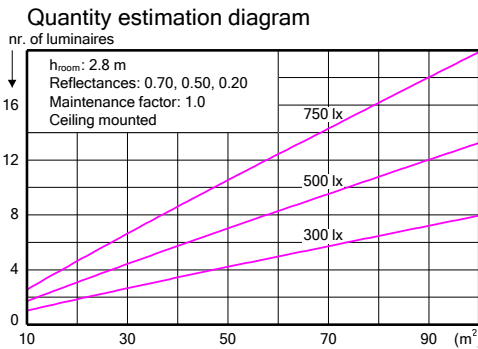
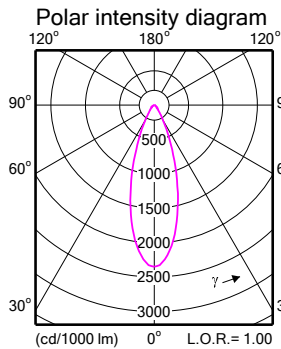
Plane Cone	0.0	45.0	90.0
45.0	7833	6540	7176
50.0	5815	4759	5273
55.0	4184	3352	3752
60.0	2814	2203	2494
65.0	1808	1380	1581
70.0	1035	767	891
75.0	667	479	564
80.0	566	391	468
85.0	477	314	384
90.0	443	274	344

(cd/m2)

2021-08-30

**BVP359 S 16LED 57K 220V L18 1xLED 30**

1 x 3615 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9118	7613	8352
50.0	7063	5780	6404
55.0	5281	4231	4736
60.0	3791	2968	3359
65.0	2679	2045	2342
70.0	1767	1311	1522
75.0	1211	869	1024
80.0	869	600	720
85.0	650	427	523
90.0	580	359	451

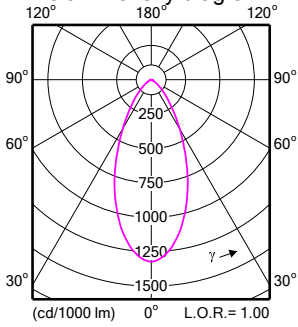
(cd/m2)

2021-08-30

BVP359 S 16LED 57K 220V L18 1xLED 45

1 x 3490 lm

Polar intensity diagram

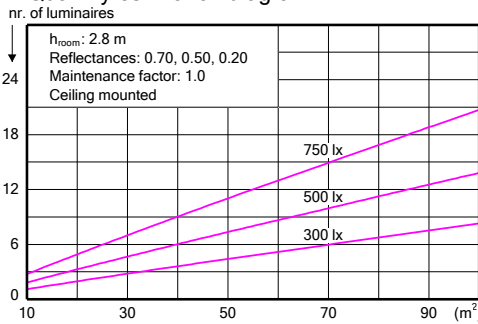


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

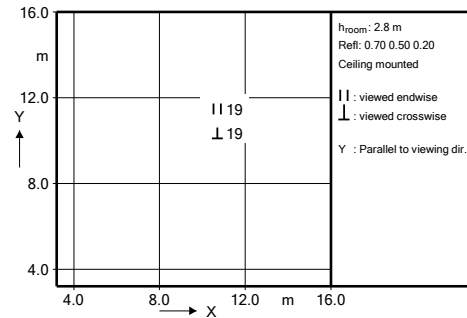


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16952	14154	15529
50.0	11166	9138	10124
55.0	7095	5684	6363
60.0	4297	3364	3807
65.0	2419	1846	2115
70.0	1061	787	914
75.0	565	405	478
80.0	529	365	438
85.0	517	340	416
90.0	531	328	413

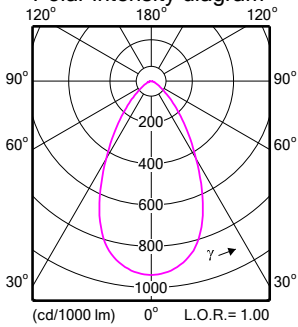
(cd/m2)

2021-08-30

BVP359 S 16LED 57K 220V L18 1xLED 60

1 x 3410 lm

Polar intensity diagram

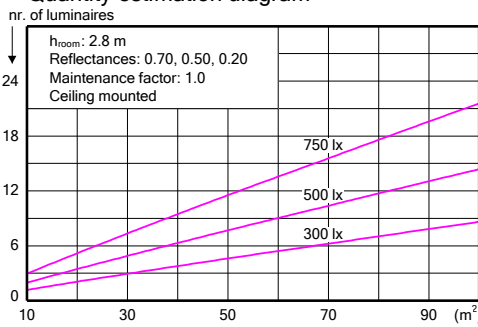


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Quantity estimation diagram

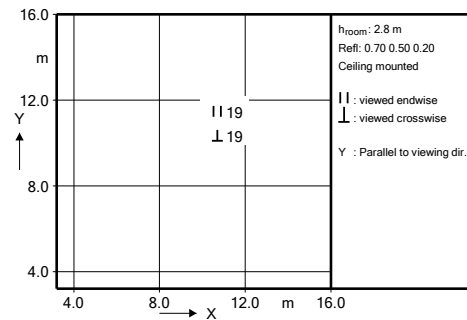


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19664	16419	18013
50.0	13123	10740	11899
55.0	8775	7030	7869
60.0	6206	4859	5499
65.0	4379	3342	3828
70.0	2862	2123	2465
75.0	1782	1279	1507
80.0	1148	793	951
85.0	732	481	590
90.0	573	355	446

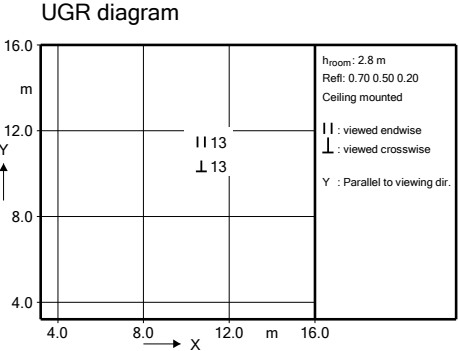
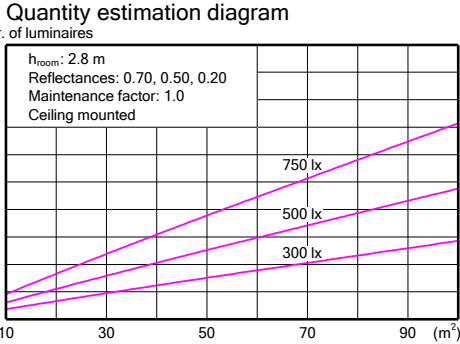
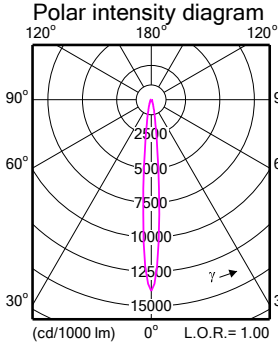
(cd/m2)

2021-08-30



BVP359 S 16LED 65K 220V L18 1xLED 10

1 x 3325 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

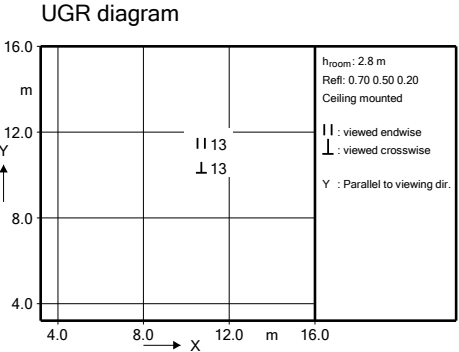
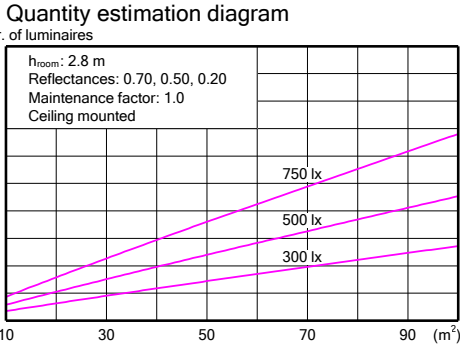
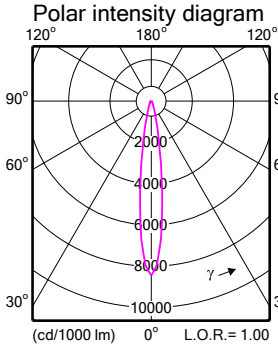
Plane Cone	0.0	45.0	90.0
45.0	7818	6527	7161
50.0	5664	4635	5135
55.0	3935	3152	3529
60.0	2659	2082	2356
65.0	1722	1314	1505
70.0	996	739	857
75.0	690	495	584
80.0	665	459	551
85.0	601	395	484
90.0	612	379	476

(cd/m2)

2021-08-30

BVP359 S 16LED 65K 220V L18 1xLED 15

1 x 3490 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

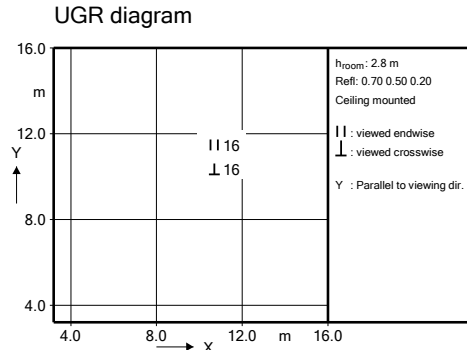
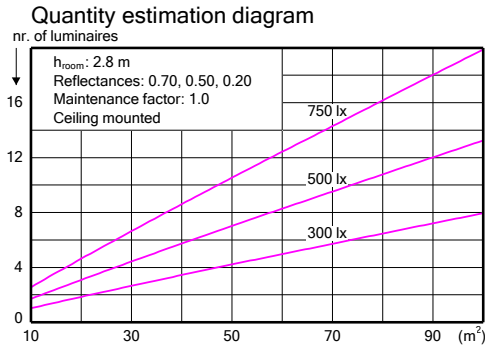
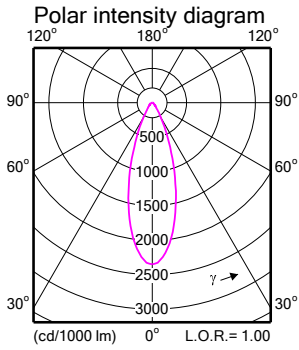
Plane Cone	0.0	45.0	90.0
45.0	7833	6540	7176
50.0	5815	4759	5273
55.0	4184	3352	3752
60.0	2814	2203	2494
65.0	1808	1380	1581
70.0	1035	767	891
75.0	667	479	564
80.0	566	391	468
85.0	477	314	384
90.0	443	274	344

(cd/m2)

2021-08-30

BVP359 S 16LED 65K 220V L18 1xLED 30

1 x 3615 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

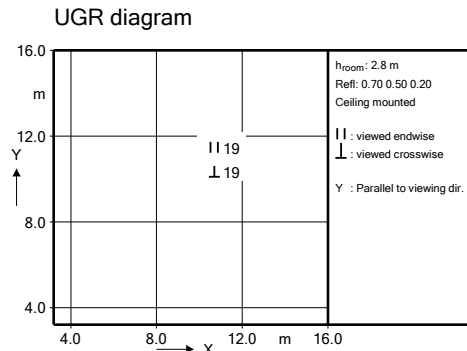
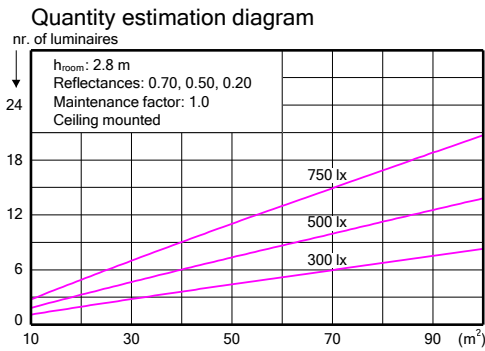
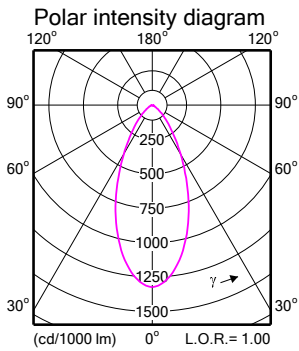
Plane Cone	0.0	45.0	90.0
45.0	9118	7613	8352
50.0	7063	5780	6404
55.0	5281	4231	4736
60.0	3791	2968	3359
65.0	2679	2045	2342
70.0	1767	1311	1522
75.0	1211	869	1024
80.0	869	600	720
85.0	650	427	523
90.0	580	359	451

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 16LED 65K 220V L18 1xLED 45

1 x 3490 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

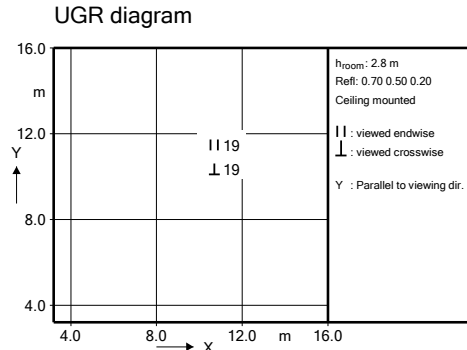
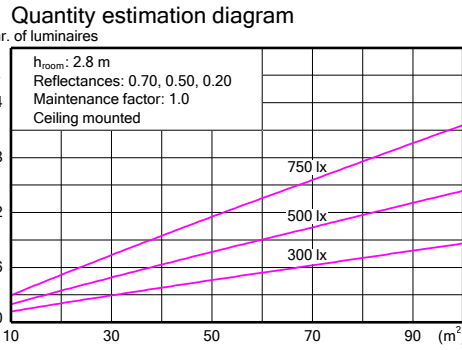
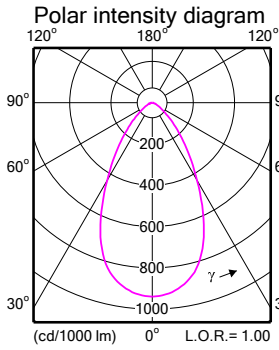
Plane Cone	0.0	45.0	90.0
45.0	16952	14154	15529
50.0	11166	9138	10124
55.0	7095	5684	6363
60.0	4297	3364	3807
65.0	2419	1846	2115
70.0	1061	787	914
75.0	565	405	478
80.0	529	365	438
85.0	517	340	416
90.0	531	328	413

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 16LED 65K 220V L18 1xLED 60**

1 x 3410 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

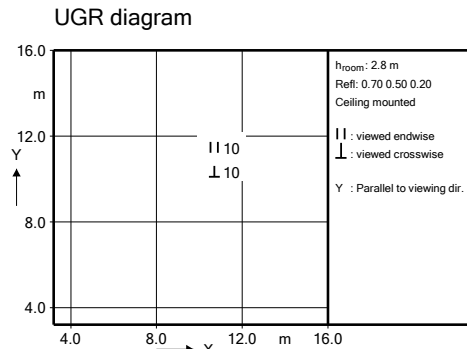
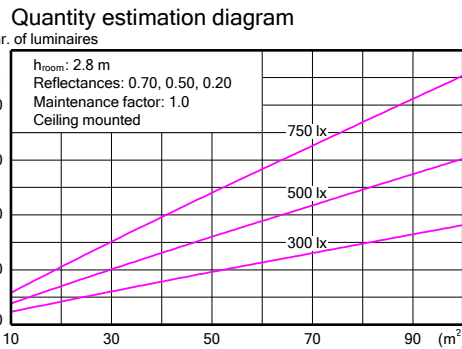
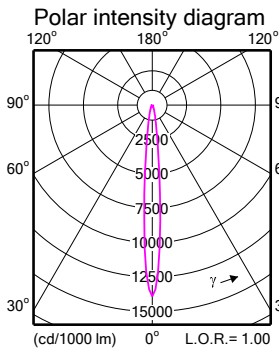
Plane Cone	0.0	45.0	90.0
45.0	19664	16419	18013
50.0	13123	10740	11899
55.0	8775	7030	7869
60.0	6206	4859	5499
65.0	4379	3342	3828
70.0	2862	2123	2465
75.0	1782	1279	1507
80.0	1148	793	951
85.0	732	481	590
90.0	573	355	446

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 16LED BL 220V L18 1xLED 10**

1 x 785 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

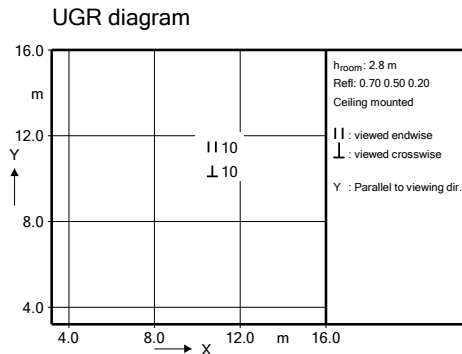
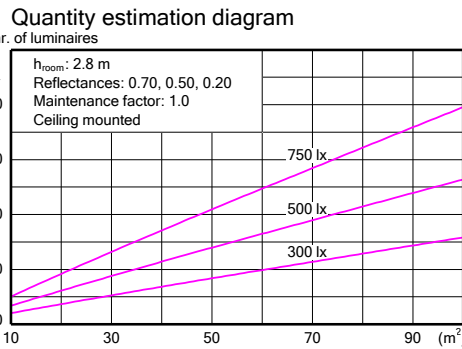
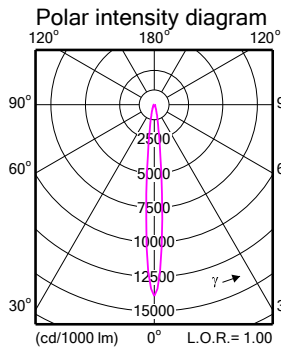
Plane Cone	0.0	45.0	90.0
45.0	1846	1541	1691
50.0	1337	1094	1212
55.0	929	744	833
60.0	628	492	556
65.0	407	310	355
70.0	235	174	202
75.0	163	117	138
80.0	157	108	130
85.0	142	93	114
90.0	144	89	112

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 16LED BL 220V L18 DMX 1xLED 10**

1 x 600 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 7  
 EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

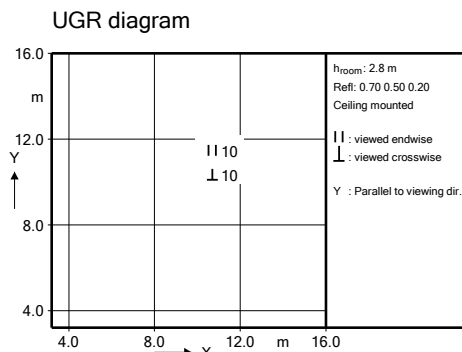
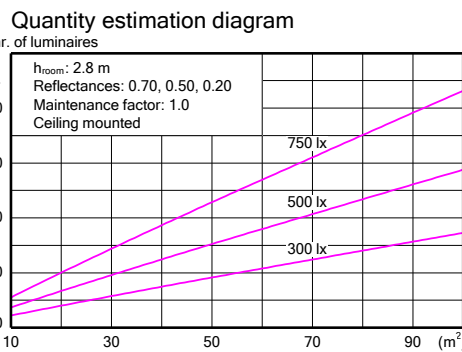
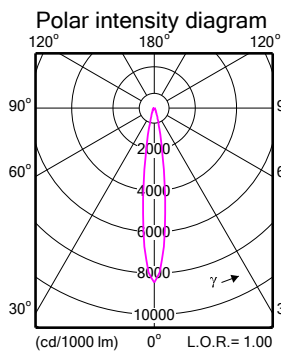
Plane Cone	0.0	45.0	90.0
45.0	1411	1178	1292
50.0	1022	836	927
55.0	710	569	637
60.0	480	376	425
65.0	311	237	272
70.0	180	133	155
75.0	125	89	105
80.0	120	83	99
85.0	108	71	87
90.0	110	68	86

(cd/m2)

2021-08-30

**BVP359 S 16LED BL 220V L18 1xLED 15**

1 x 825 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

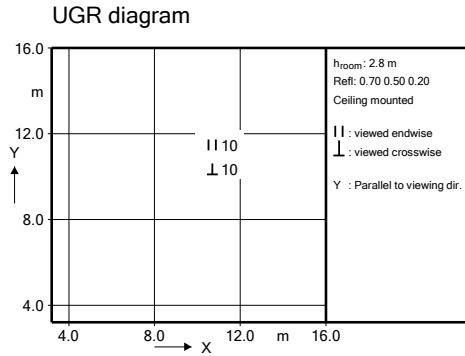
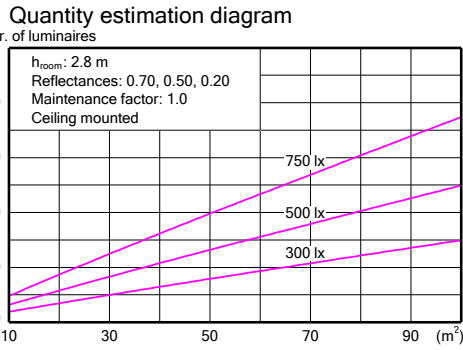
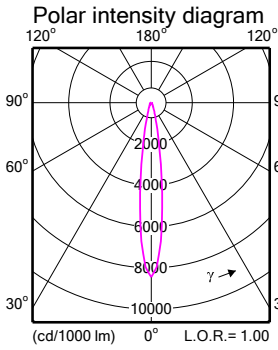
Plane Cone	0.0	45.0	90.0
45.0	1852	1546	1696
50.0	1375	1125	1246
55.0	989	792	887
60.0	665	521	589
65.0	427	326	374
70.0	245	181	211
75.0	158	113	133
80.0	134	92	111
85.0	113	74	91
90.0	105	65	81

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 DMX 1xLED 15

1 x 635 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 7  
EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30		
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

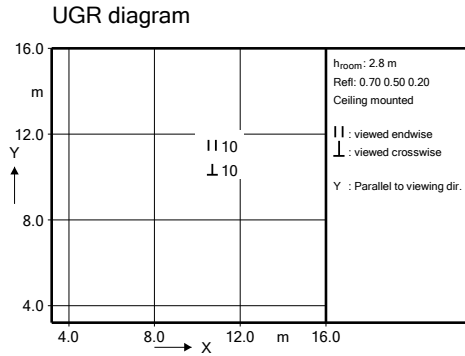
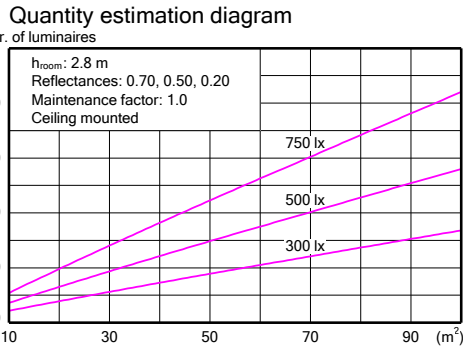
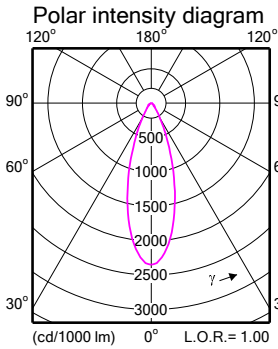
Plane Cone	0.0	45.0	90.0
45.0	1425	1190	1306
50.0	1058	866	959
55.0	761	610	683
60.0	512	401	454
65.0	329	251	288
70.0	188	140	162
75.0	121	87	103
80.0	103	71	85
85.0	87	57	70
90.0	81	50	63

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 1xLED 30

1 x 855 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 10  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30		
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

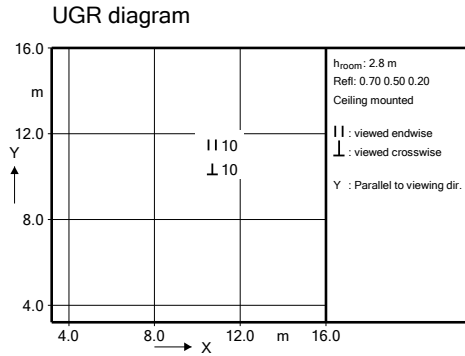
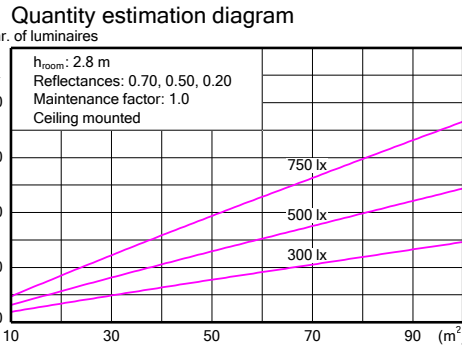
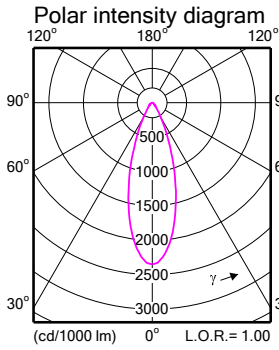
Plane Cone	0.0	45.0	90.0
45.0	2156	1801	1975
50.0	1671	1367	1515
55.0	1249	1001	1120
60.0	897	702	794
65.0	634	484	554
70.0	418	310	360
75.0	286	206	242
80.0	206	142	170
85.0	154	101	124
90.0	137	85	107

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 DMX 1xLED 30

1 x 655 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

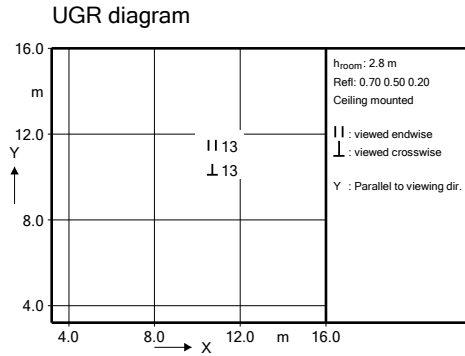
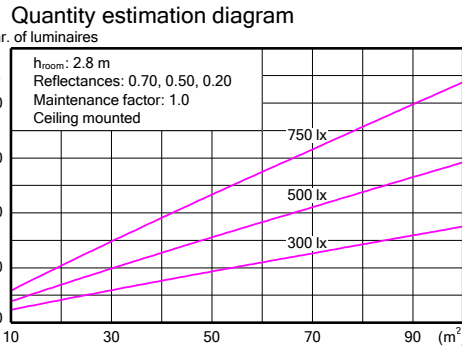
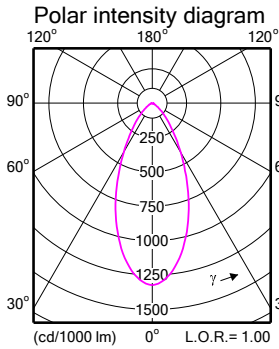
Plane Cone	0.0	45.0	90.0
45.0	1652	1379	1513
50.0	1280	1047	1160
55.0	957	767	858
60.0	687	538	609
65.0	485	371	424
70.0	320	238	276
75.0	219	157	186
80.0	157	109	130
85.0	118	77	95
90.0	105	65	82

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 1xLED 45

1 x 825 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

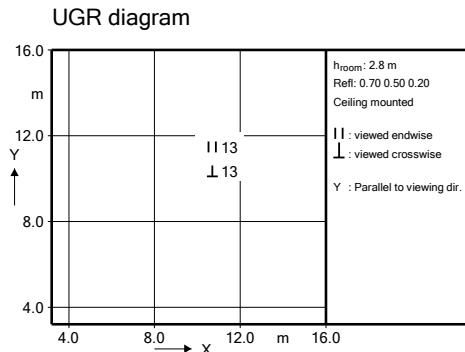
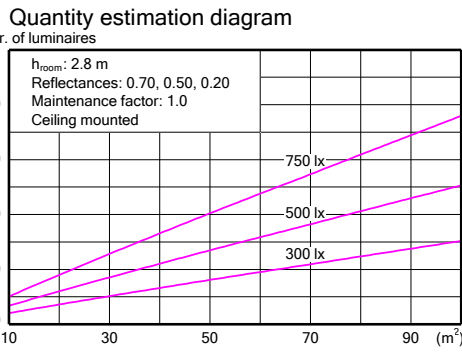
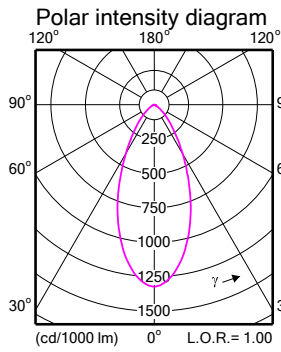
Plane Cone	0.0	45.0	90.0
45.0	4007	3346	3671
50.0	2639	2160	2393
55.0	1677	1344	1504
60.0	1016	795	900
65.0	572	436	500
70.0	251	186	216
75.0	133	96	113
80.0	125	86	104
85.0	122	80	98
90.0	125	78	98

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 DMX 1xLED 45

1 x 635 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

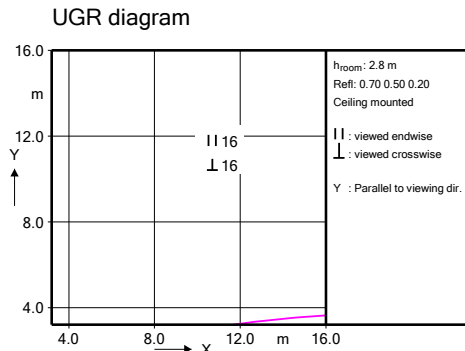
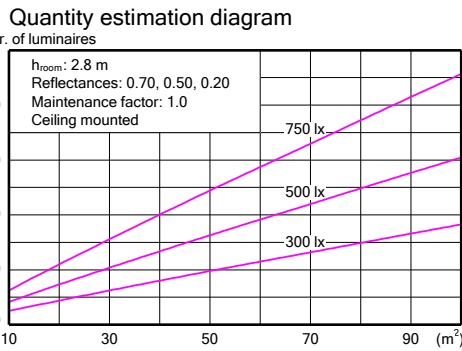
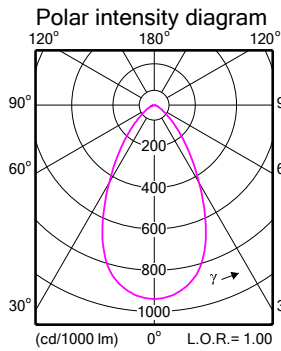
Plane Cone	0.0	45.0	90.0
45.0	3084	2575	2825
50.0	2032	1663	1842
55.0	1291	1034	1158
60.0	782	612	693
65.0	440	336	385
70.0	193	143	166
75.0	103	74	87
80.0	96	66	80
85.0	94	62	76
90.0	97	60	75

(cd/m2)

2021-08-30

BVP359 S 16LED BL 220V L18 1xLED 60

1 x 805 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

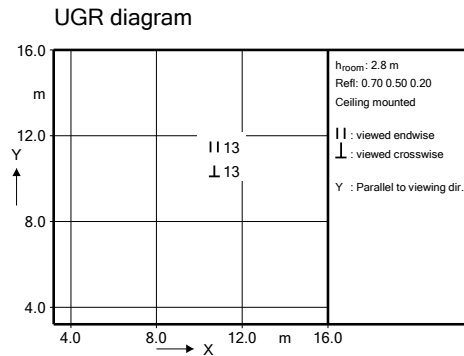
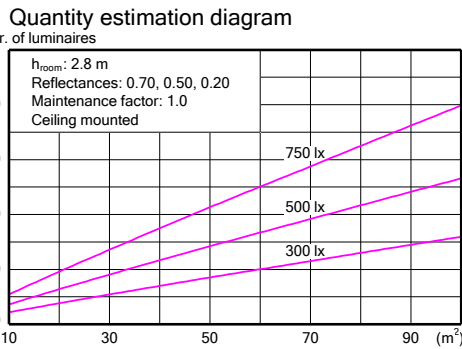
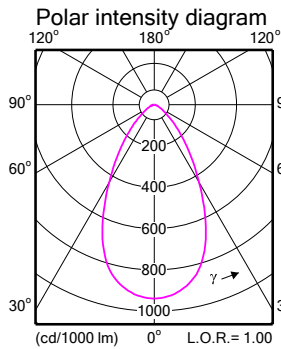
Plane Cone	0.0	45.0	90.0
45.0	4642	3876	4252
50.0	3098	2535	2809
55.0	2072	1660	1858
60.0	1465	1147	1298
65.0	1034	789	904
70.0	676	501	582
75.0	421	302	356
80.0	271	187	224
85.0	173	114	139
90.0	135	84	105

(cd/m2)

2021-08-30

**BVP359 S 16LED BL 220V L18 DMX 1xLED 60**

1 x 615 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

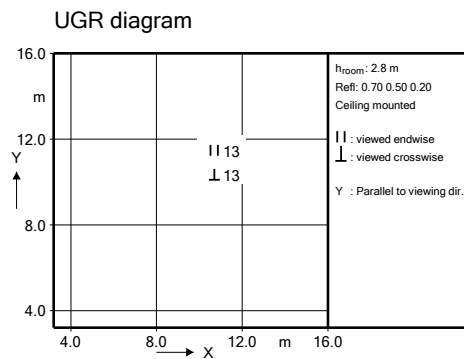
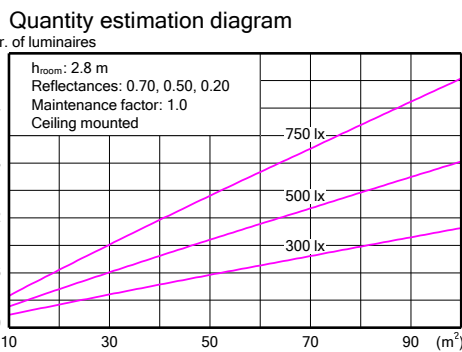
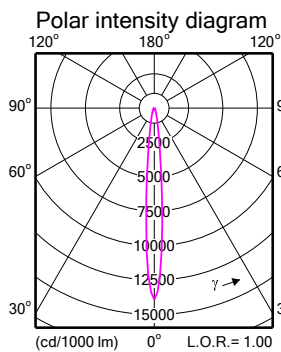
Plane Cone	0.0	45.0	90.0
45.0	3546	2961	3249
50.0	2367	1937	2146
55.0	1583	1268	1419
60.0	1119	876	992
65.0	790	603	690
70.0	516	383	444
75.0	321	231	272
80.0	207	143	171
85.0	132	87	106
90.0	103	64	80

(cd/m2)

2021-08-30

**BVP359 S 16LED GN 220V L18 1xLED 10**

1 x 2615 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6148	5134	5632
50.0	4454	3645	4039
55.0	3095	2479	2775
60.0	2091	1637	1853
65.0	1354	1034	1184
70.0	783	581	674
75.0	543	390	459
80.0	523	361	433
85.0	473	311	381
90.0	481	298	374

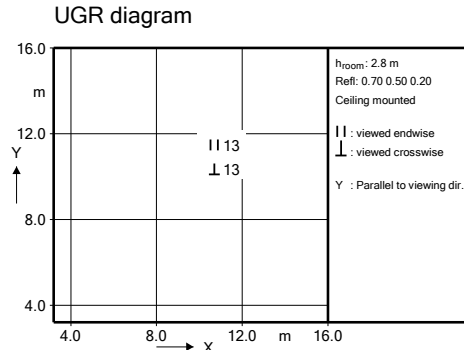
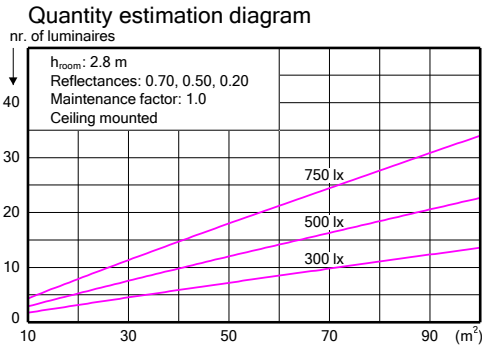
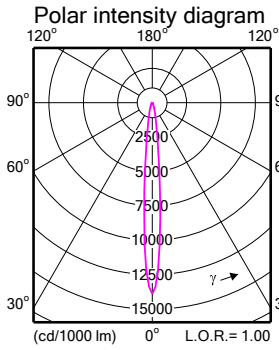
(cd/m2)

2021-08-30



BVP359 S 16LED GN 220V L18 DMX 1xLED 10

1 x 2095 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

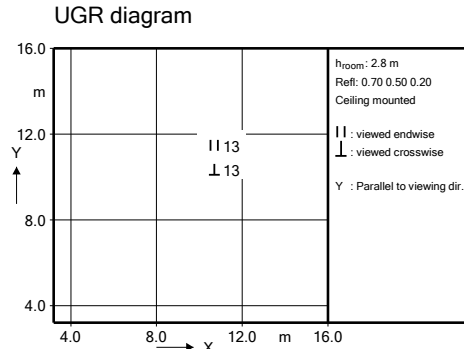
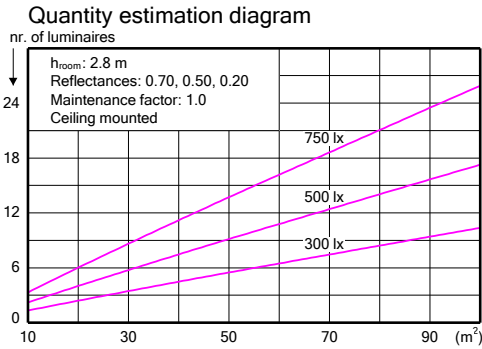
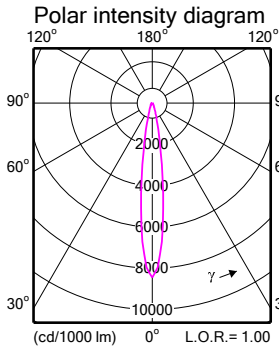
Plane Cone	0.0	45.0	90.0
45.0	4926	4113	4512
50.0	3569	2921	3236
55.0	2479	1986	2223
60.0	1676	1312	1485
65.0	1085	828	949
70.0	627	465	540
75.0	435	312	368
80.0	419	289	347
85.0	379	249	305
90.0	386	239	300

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 1xLED 15

1 x 2750 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6172	5154	5654
50.0	4582	3750	4155
55.0	3297	2641	2957
60.0	2217	1736	1955
65.0	1425	1088	1246
70.0	815	605	702
75.0	526	377	445
80.0	446	308	369
85.0	376	247	303
90.0	349	216	271

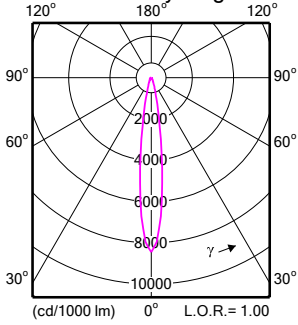
(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 DMX 1xLED 15

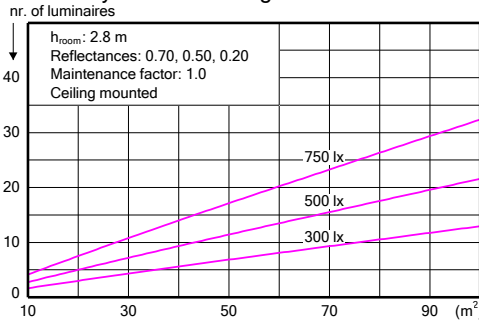
1 x 2200 lm

Polar intensity diagram

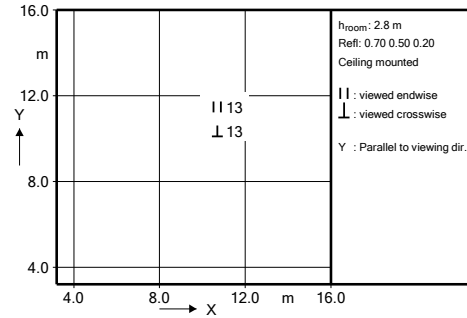


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4938	4123	4523
50.0	3666	3000	3324
55.0	2638	2113	2365
60.0	1774	1389	1572
65.0	1140	870	997
70.0	652	484	562
75.0	421	302	356
80.0	357	246	295
85.0	301	198	242
90.0	279	173	217

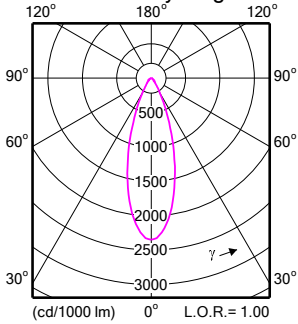
(cd/m2)

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BVP359 S 16LED GN 220V L18 1xLED 30

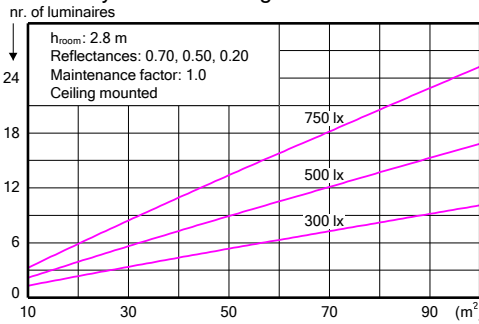
1 x 2845 lm

Polar intensity diagram

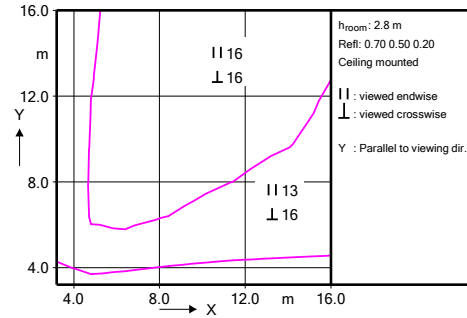


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

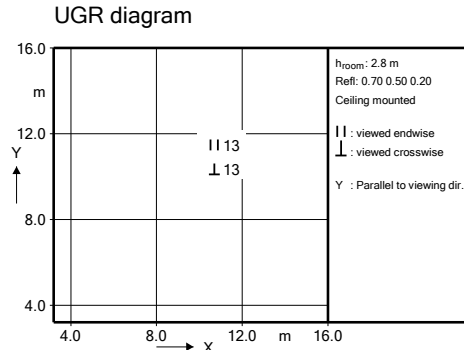
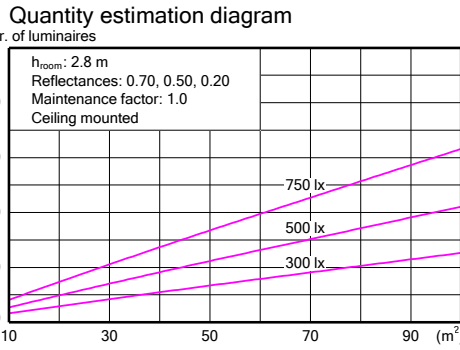
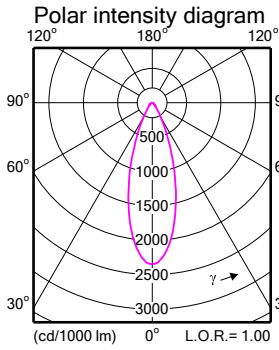
Plane Cone	0.0	45.0	90.0
45.0	7175	5991	6573
50.0	5559	4549	5040
55.0	4156	3330	3727
60.0	2983	2336	2644
65.0	2108	1609	1843
70.0	1391	1032	1198
75.0	953	684	806
80.0	684	472	566
85.0	511	336	412
90.0	457	283	355

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 DMX 1xLED 30

1 x 2275 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

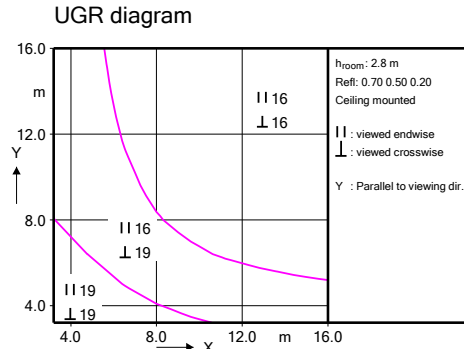
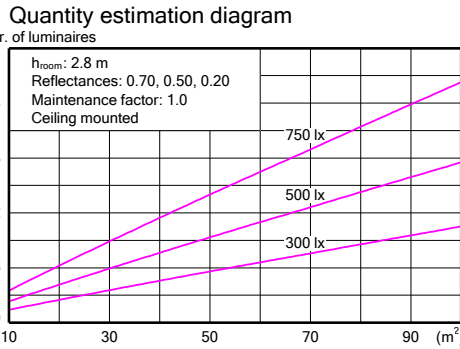
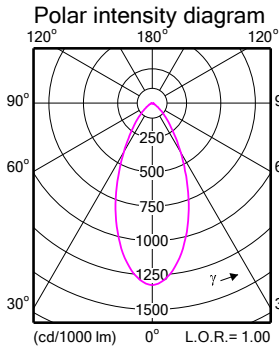
Plane Cone	0.0	45.0	90.0
45.0	5738	4791	5256
50.0	4445	3638	4030
55.0	3323	2663	2980
60.0	2386	1868	2114
65.0	1686	1287	1474
70.0	1112	825	958
75.0	762	547	645
80.0	547	378	453
85.0	409	269	329
90.0	365	226	284

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 1xLED 45

1 x 2750 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

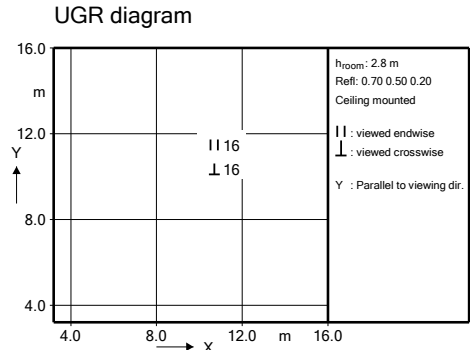
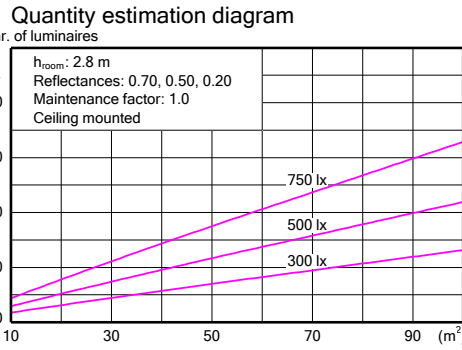
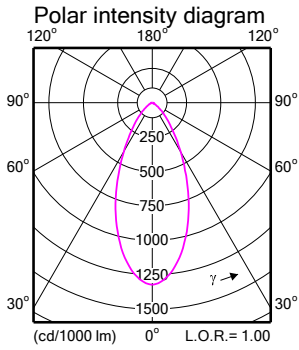
Plane Cone	0.0	45.0	90.0
45.0	13358	11153	12236
50.0	8798	7200	7978
55.0	5590	4479	5013
60.0	3386	2651	3000
65.0	1906	1455	1666
70.0	836	620	720
75.0	445	319	376
80.0	417	288	345
85.0	407	268	328
90.0	418	259	325

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 DMX 1xLED 45

1 x 2200 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

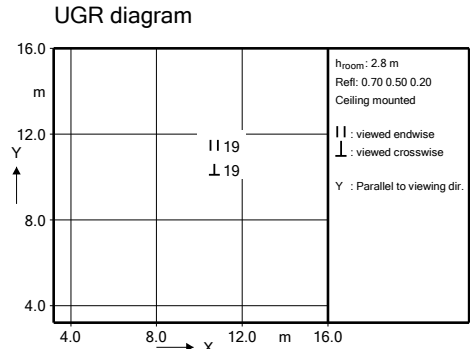
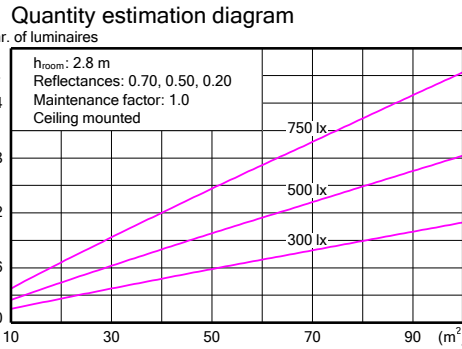
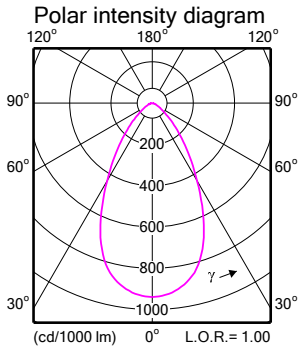
Plane Cone	0.0	45.0	90.0
45.0	10686	8922	9789
50.0	7039	5760	6382
55.0	4472	3583	4011
60.0	2708	2121	2400
65.0	1525	1164	1333
70.0	669	496	576
75.0	356	255	301
80.0	334	230	276
85.0	326	214	262
90.0	335	207	260

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 1xLED 60

1 x 2685 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

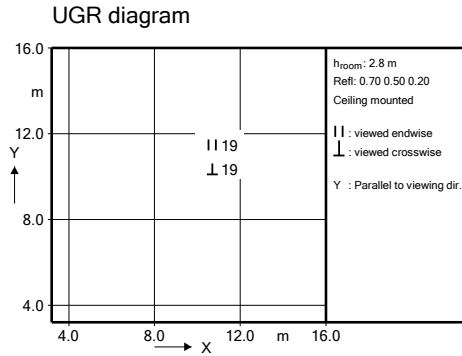
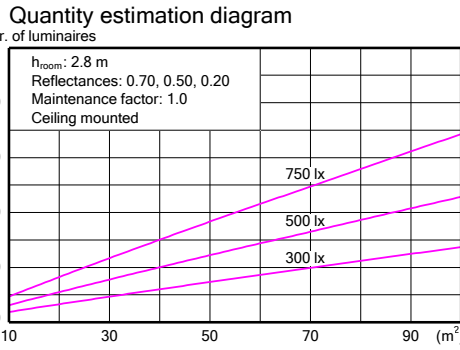
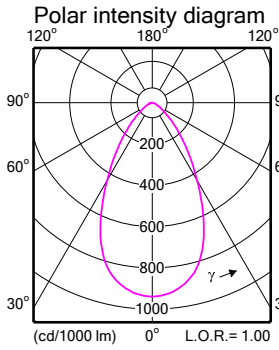
Plane Cone	0.0	45.0	90.0
45.0	15483	12928	14184
50.0	10333	8456	9369
55.0	6909	5535	6196
60.0	4887	3826	4330
65.0	3448	2632	3014
70.0	2254	1672	1941
75.0	1403	1007	1187
80.0	904	624	748
85.0	576	379	464
90.0	451	279	351

(cd/m2)

2021-08-30

BVP359 S 16LED GN 220V L18 DMX 1xLED 60

1 x 2145 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.75	0.72	0.74	0.71	0.70
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.80	0.77	0.79	0.77	0.75
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.88	0.87	0.89	0.87	0.85
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.93	0.92	0.92	0.91	0.89
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.96	0.94	0.95	0.93	0.91	0.99	0.97	0.97	0.96	0.94
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.98	0.96	0.97	0.95	0.93	1.00	0.99	0.98	0.97	0.95
3.00	1.19	1.03	1.15	1.08	1.02	1.00	1.00	0.99	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

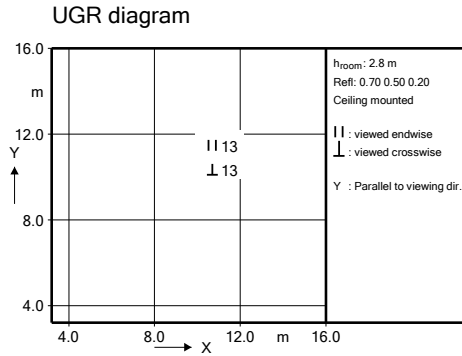
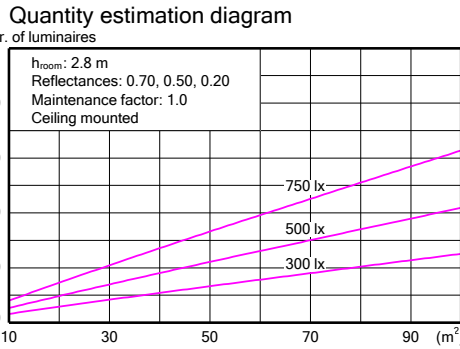
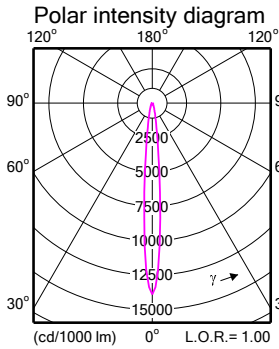
Plane Cone	0.0	45.0	90.0
45.0	12369	10328	11331
50.0	8255	6756	7485
55.0	5520	4422	4950
60.0	3904	3057	3459
65.0	2754	2103	2408
70.0	1890	1336	1550
75.0	1121	805	948
80.0	722	499	598
85.0	460	303	371
90.0	361	223	280

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 16LED TW 220V L18 DMX 1xLED 10

1 x 2270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83	0.82
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92	0.90
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.97	0.96	0.96	0.95	0.93	0.99	0.97	0.97	0.96	0.95
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.98	0.96	0.97	0.95	0.93	1.00	0.99	0.98	0.97	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.00	0.99	0.98	0.97	0.95
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5337	4456	4889
50.0	3867	3164	3506
55.0	2686	2152	2409
60.0	1816	1421	1609
65.0	1176	897	1028
70.0	680	504	585
75.0	471	338	399
80.0	454	313	376
85.0	410	270	331
90.0	418	258	325

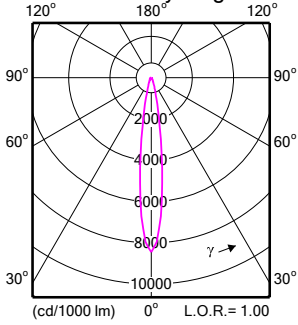
(cd/m<sup>2</sup>)

2021-08-30

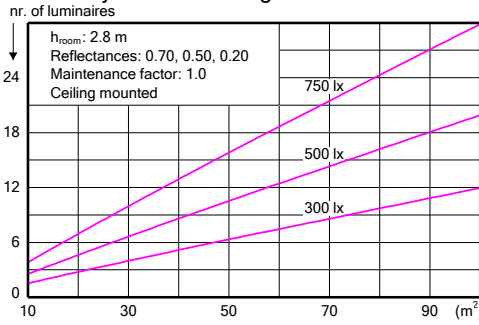
BVP359 S 16LED TW 220V L18 DMX 1xLED 15

1 x 2385 lm

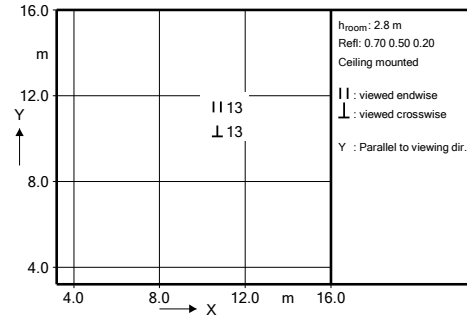
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5353	4470	4904
50.0	3974	3252	3603
55.0	2859	2291	2564
60.0	1923	1506	1704
65.0	1236	943	1080
70.0	707	524	609
75.0	456	327	386
80.0	387	267	320
85.0	326	214	263
90.0	303	187	235

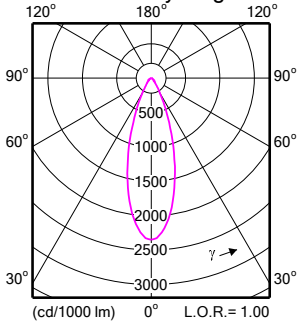
(cd/m2)

2021-08-30

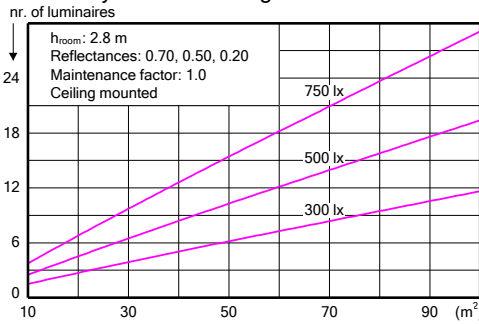
BVP359 S 16LED TW 220V L18 DMX 1xLED 30

1 x 2470 lm

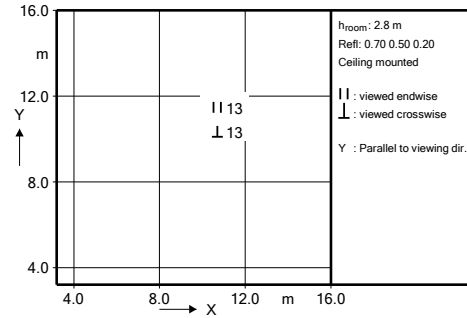
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

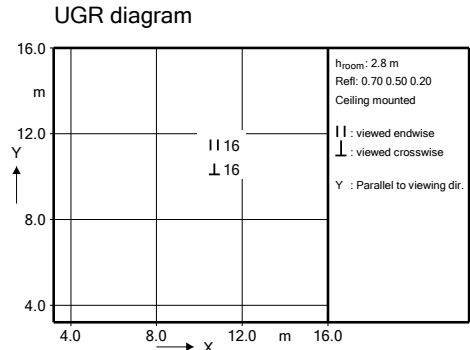
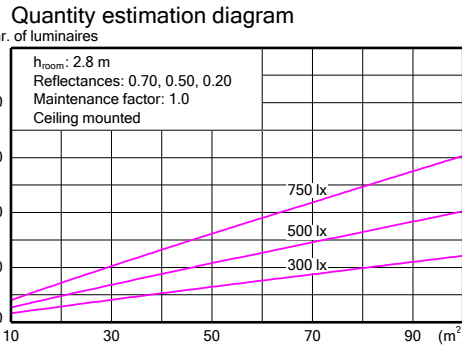
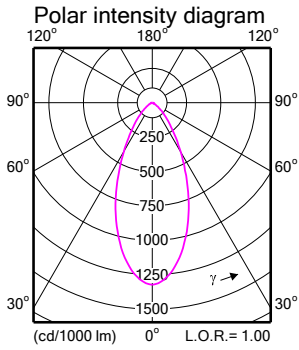
Plane Cone	0.0	45.0	90.0
45.0	6230	5202	5707
50.0	4826	3950	4376
55.0	3608	2891	3236
60.0	2590	2028	2295
65.0	1830	1397	1600
70.0	1207	896	1040
75.0	827	594	700
80.0	594	410	492
85.0	444	292	358
90.0	396	245	308

(cd/m2)

2021-08-30

BVP359 S 16LED TW 220V L18 DMX 1xLED 45

1 x 2385 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

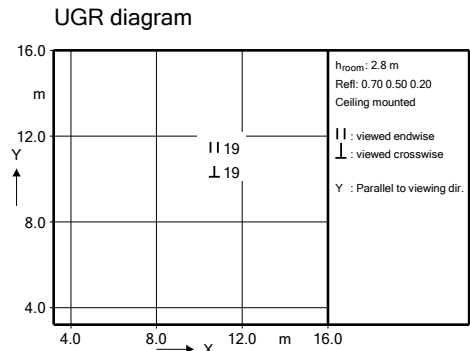
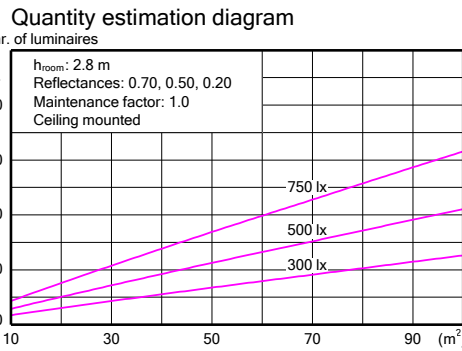
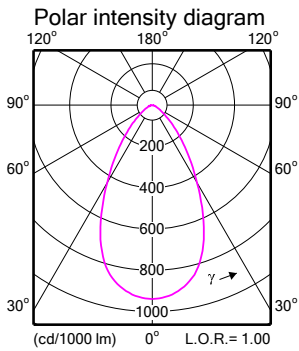
Plane Cone	0.0	45.0	90.0
45.0	11585	9673	10612
50.0	7631	6245	6919
55.0	4848	3884	4348
60.0	2936	2299	2602
65.0	1653	1262	1445
70.0	725	538	624
75.0	386	277	326
80.0	362	250	299
85.0	353	232	284
90.0	363	224	282

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 16LED TW 220V L18 DMX 1xLED 60

1 x 2330 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

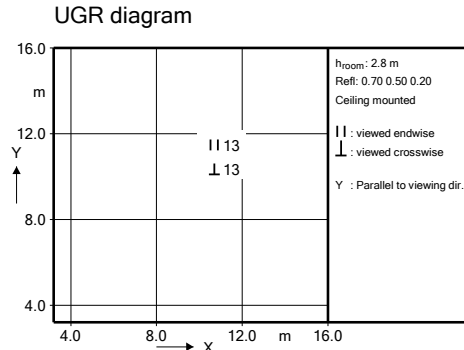
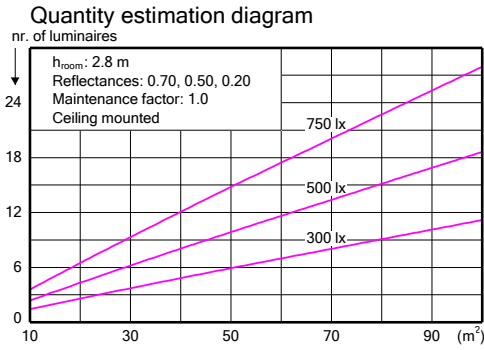
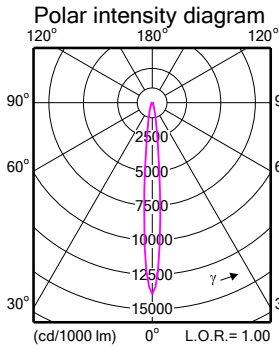
Plane Cone	0.0	45.0	90.0
45.0	13436	11219	12308
50.0	8967	7338	8130
55.0	5996	4804	5377
60.0	4241	3320	3758
65.0	2992	2284	2616
70.0	1956	1451	1684
75.0	1218	874	1030
80.0	785	542	650
85.0	500	329	403
90.0	392	242	305

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 22K 220V L21 1xLED 10

1 x 2550 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

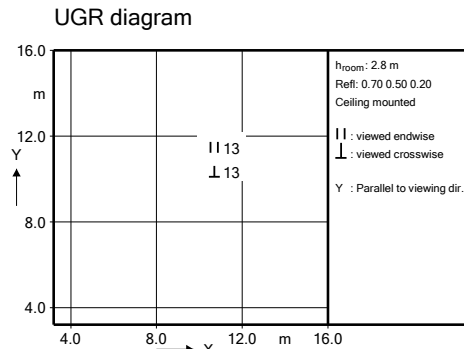
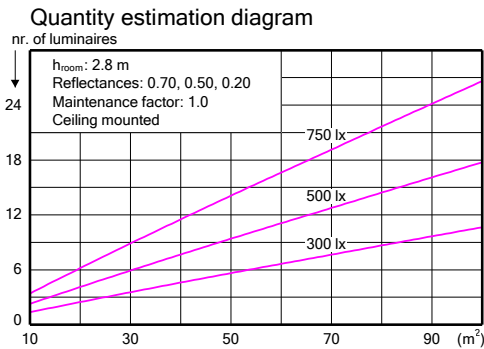
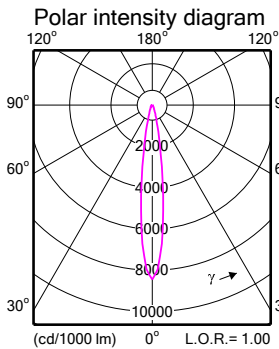
Plane Cone	0.0	45.0	90.0
45.0	5386	4410	4708
50.0	3925	3140	3376
55.0	2744	2142	2320
60.0	1868	1419	1549
65.0	1220	899	990
70.0	712	507	564
75.0	499	341	384
80.0	488	318	362
85.0	449	275	318
90.0	469	265	313

(cd/m2)

2021-08-30

BVP359 S 18LED 22K 220V L21 1xLED 15

1 x 2675 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5393	4416	4714
50.0	4028	3223	3464
55.0	2917	2276	2465
60.0	1976	1501	1638
65.0	1280	943	1039
70.0	739	527	585
75.0	482	330	371
80.0	415	270	308
85.0	356	218	252
90.0	339	192	226

(cd/m2)

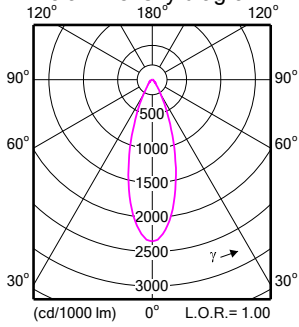
2021-08-30



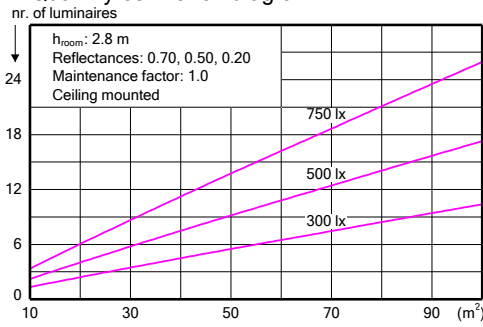
BVP359 S 18LED 22K 220V L21 1xLED 30

1 x 2770 lm

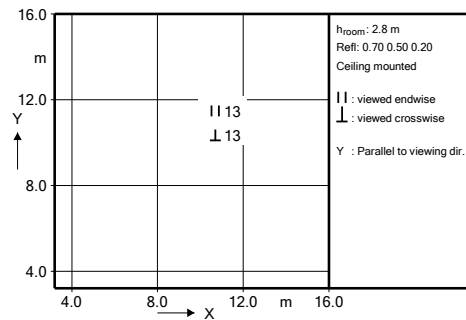
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6276	5139	5486
50.0	4891	3913	4206
55.0	3680	2872	3110
60.0	2661	2021	2206
65.0	1896	1397	1538
70.0	1263	899	999
75.0	875	599	673
80.0	637	415	473
85.0	485	297	344
90.0	445	252	296

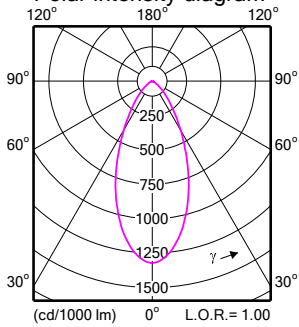
(cd/m<sup>2</sup>)

2021-08-30

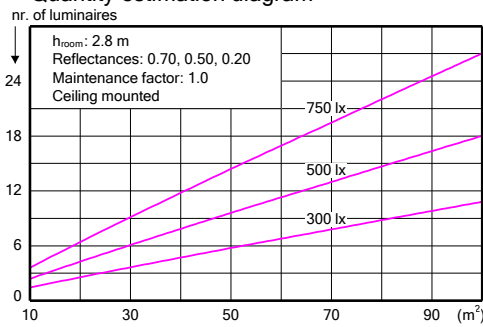
BVP359 S 18LED 22K 220V L21 1xLED 45

1 x 2675 lm

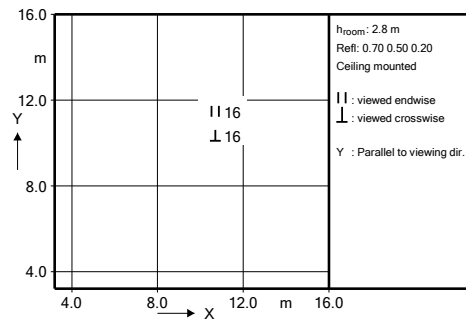
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11672	9558	10202
50.0	7734	6188	6651
55.0	4946	3860	4180
60.0	3017	2292	2501
65.0	1712	1262	1389
70.0	758	540	600
75.0	408	279	314
80.0	388	253	288
85.0	386	237	273
90.0	407	230	271

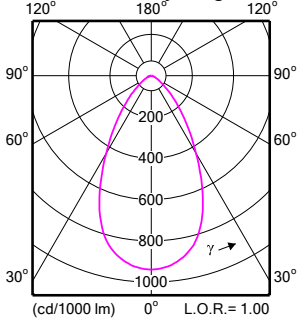
(cd/m<sup>2</sup>)

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BVP359 S 18LED 22K 220V L21 1xLED 60

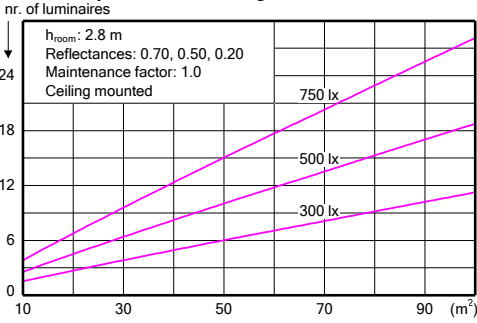
1 x 2615 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Quantity estimation diagram

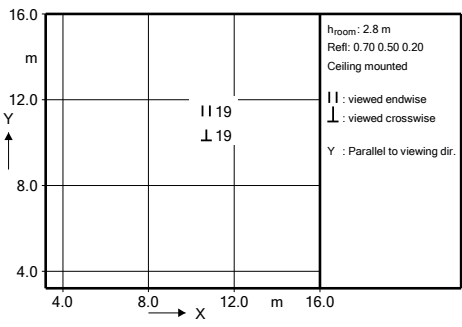


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57	0.57	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64	0.64	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.79	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13546	11092	11840
50.0	9094	7276	7821
55.0	6120	4777	5173
60.0	4360	3312	3615
65.0	3101	2286	2516
70.0	2046	1457	1620
75.0	1289	882	991
80.0	842	549	625
85.0	547	335	388
90.0	439	249	293

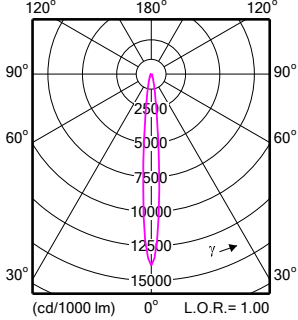
(cd/m<sup>2</sup>)

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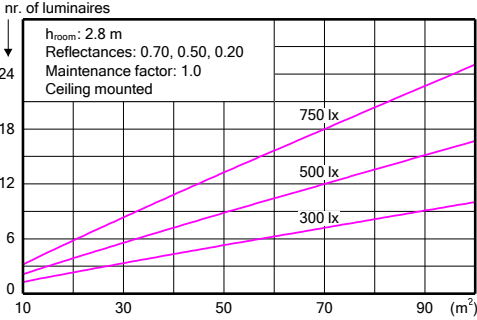
1 x 2845 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

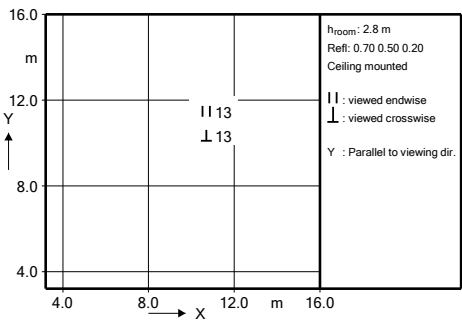


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

UGR diagram



Luminance Table

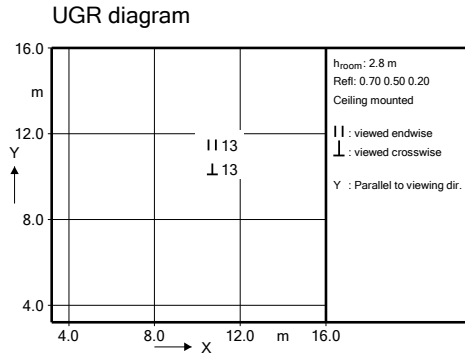
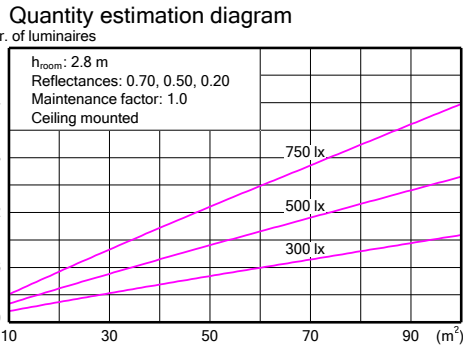
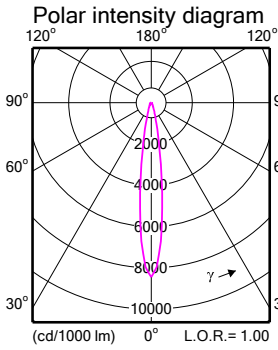
Plane Cone	0.0	45.0	90.0
45.0	6009	4920	5252
50.0	4379	3504	3766
55.0	3062	2390	2588
60.0	2084	1583	1728
65.0	1361	1003	1104
70.0	794	566	629
75.0	557	381	428
80.0	544	355	404
85.0	501	307	355
90.0	524	296	349

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 27K 220V L21 1xLED 15

1 x 2985 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

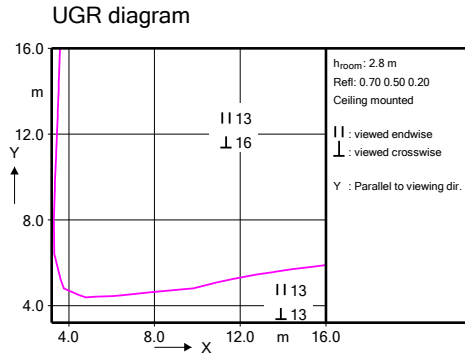
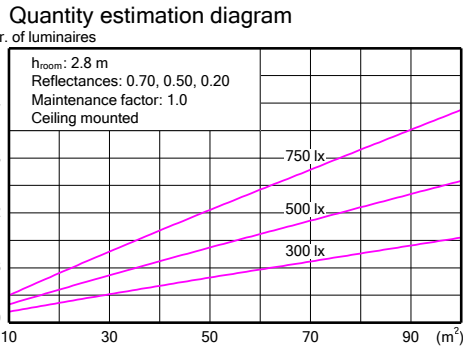
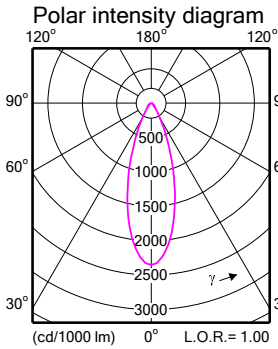
Plane Cone	0.0	45.0	90.0
45.0	6018	4928	5260
50.0	4494	3596	3866
55.0	3255	2540	2751
60.0	2205	1675	1828
65.0	1428	1053	1159
70.0	825	588	653
75.0	538	368	414
80.0	463	302	343
85.0	398	244	282
90.0	379	214	253

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 27K 220V L21 1xLED 30

1 x 3090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

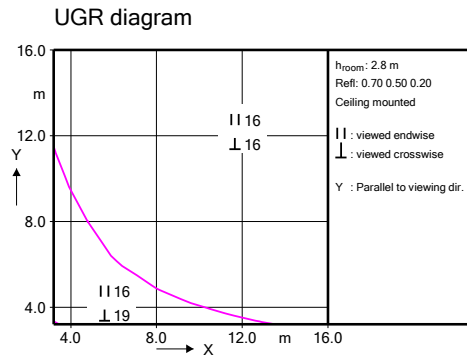
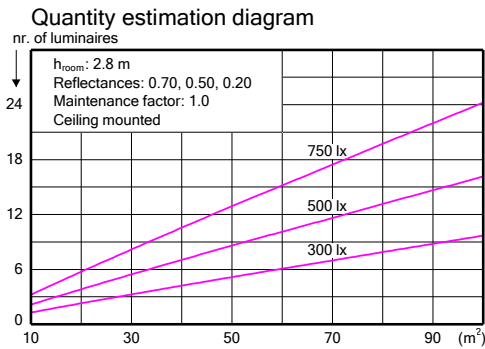
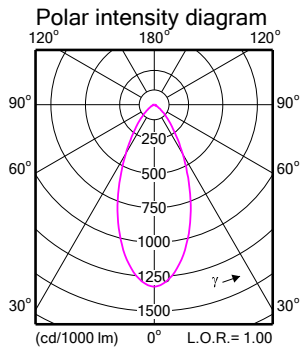
Plane Cone	0.0	45.0	90.0
45.0	7001	5733	6119
50.0	5496	4365	4692
55.0	4105	3204	3470
60.0	2968	2255	2461
65.0	2115	1559	1716
70.0	1408	1003	1115
75.0	976	668	750
80.0	711	463	527
85.0	541	332	384
90.0	496	281	331

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 27K 220V L21 1xLED 45

1 x 2985 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

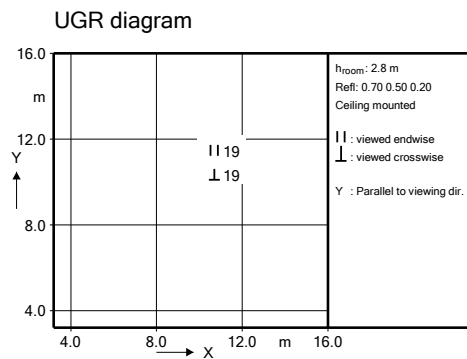
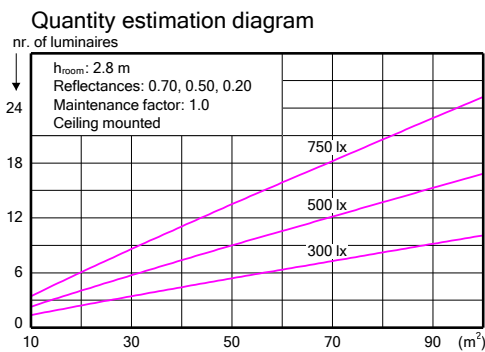
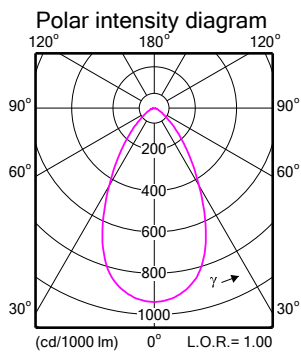
Plane Cone	0.0	45.0	90.0
45.0	13025	10665	11384
50.0	8630	6905	7422
55.0	5519	4307	4665
60.0	3366	2557	2791
65.0	1910	1408	1550
70.0	846	603	670
75.0	455	312	350
80.0	433	282	321
85.0	431	264	305
90.0	454	257	303

(cd/m2)

2021-08-30

BVP359 S 18LED 27K 220V L21 1xLED 60

1 x 2915 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

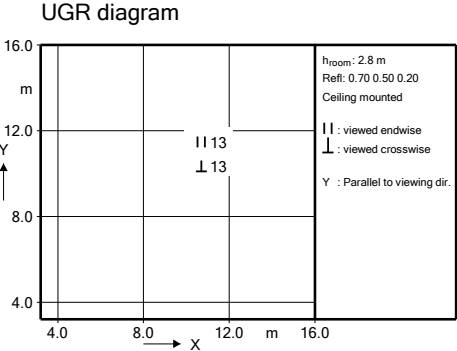
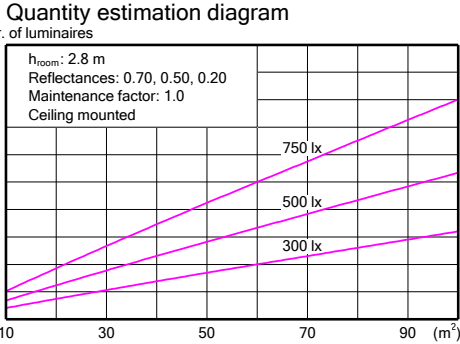
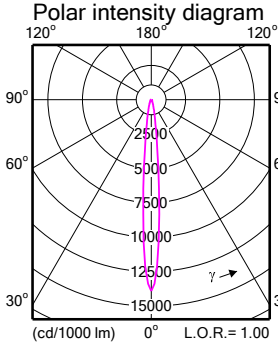
Plane Cone	0.0	45.0	90.0
45.0	15100	12365	13199
50.0	10137	8111	8719
55.0	6822	5325	5766
60.0	4860	3692	4030
65.0	3457	2548	2805
70.0	2281	1624	1806
75.0	1437	983	1104
80.0	939	612	696
85.0	610	374	432
90.0	490	277	327

(cd/m2)

2021-08-30

BVP359 S 18LED 30K 220V L21 1xLED 10

1 x 2965 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

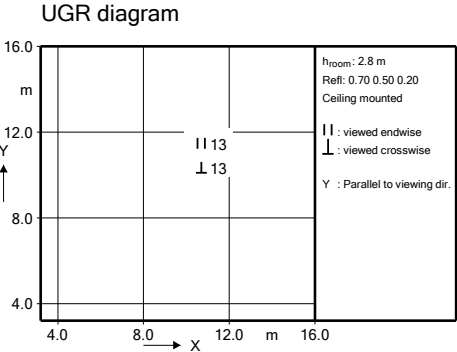
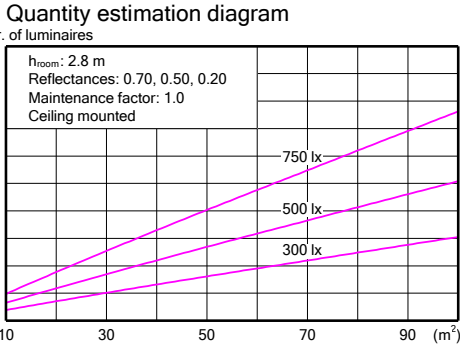
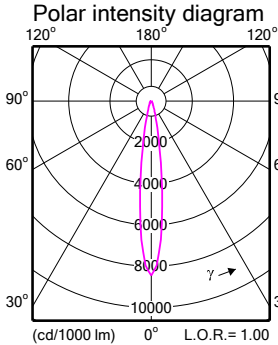
Plane Cone	0.0	45.0	90.0
45.0	6262	5128	5474
50.0	4564	3652	3925
55.0	3191	2491	2697
60.0	2172	1650	1801
65.0	1418	1045	1151
70.0	828	590	655
75.0	580	397	446
80.0	567	370	421
85.0	522	320	370
90.0	546	309	364

(cd/m2)

2021-08-30

BVP359 S 18LED 30K 220V L21 1xLED 15

1 x 3115 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

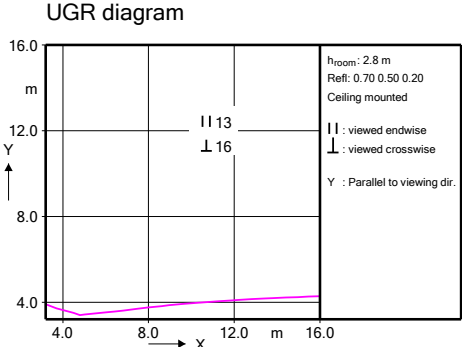
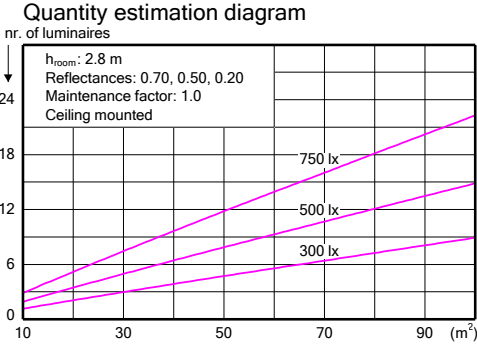
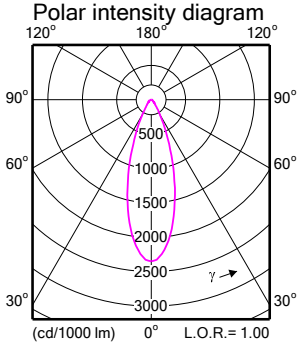
Plane Cone	0.0	45.0	90.0
45.0	6280	5143	5490
50.0	4690	3753	4034
55.0	3396	2651	2871
60.0	2301	1748	1908
65.0	1490	1098	1209
70.0	861	613	682
75.0	562	384	432
80.0	483	315	358
85.0	415	254	294
90.0	395	224	264

(cd/m2)

2021-08-30

BVP359 S 18LED 30K 220V L21 1xLED 30

1 x 3225 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

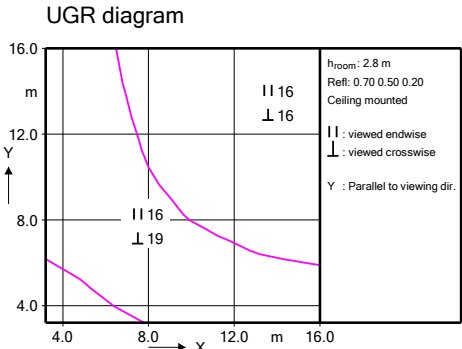
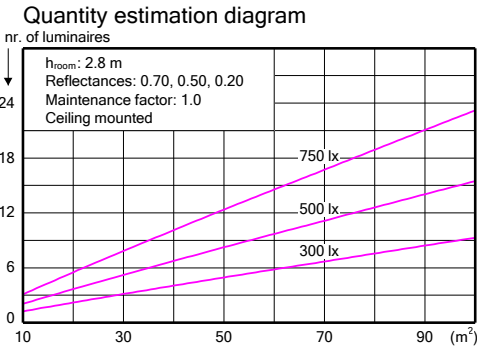
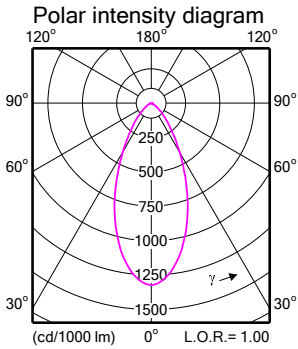
Plane Cone	0.0	45.0	90.0
45.0	7307	5983	6387
50.0	5694	4556	4897
55.0	4285	3344	3621
60.0	3098	2353	2569
65.0	2207	1627	1791
70.0	1470	1047	1164
75.0	1019	697	783
80.0	742	483	550
85.0	565	346	400
90.0	518	293	345

(cd/m2)

2021-08-30

BVP359 S 18LED 30K 220V L21 1xLED 45

1 x 3115 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13592	11130	11880
50.0	9006	7205	7745
55.0	5759	4495	4868
60.0	3513	2669	2913
65.0	1994	1469	1618
70.0	883	629	699
75.0	475	325	365
80.0	452	294	335
85.0	449	275	318
90.0	474	268	316

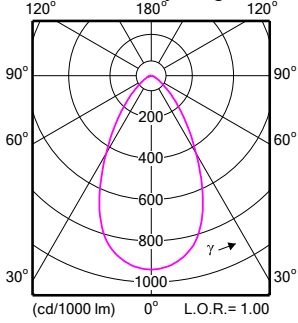
(cd/m2)

2021-08-30

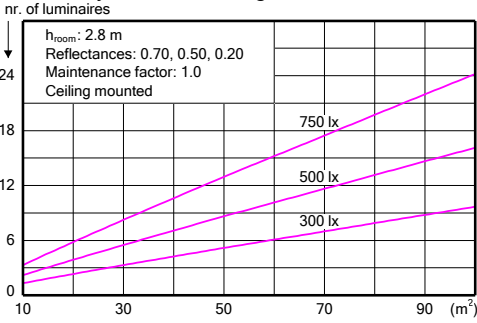
BVP359 S 18LED 30K 220V L21 1xLED 60

1 x 3040 lm

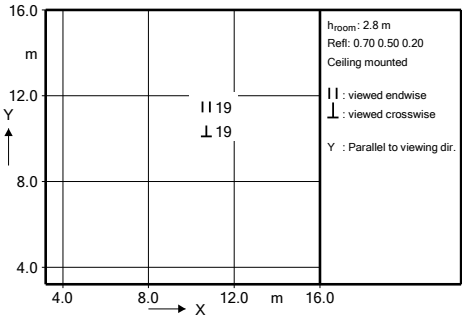
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	15748	12895	13765
50.0	10572	8459	9092
55.0	7115	5553	6013
60.0	5068	3850	4202
65.0	3605	2657	2925
70.0	2379	1694	1883
75.0	1498	1025	1152
80.0	979	638	726
85.0	636	390	451
90.0	511	289	341

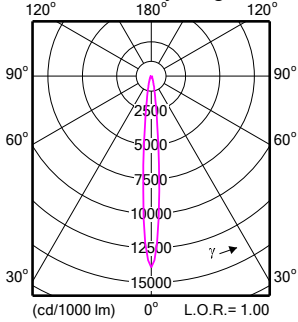
(cd/m2)

2021-08-30

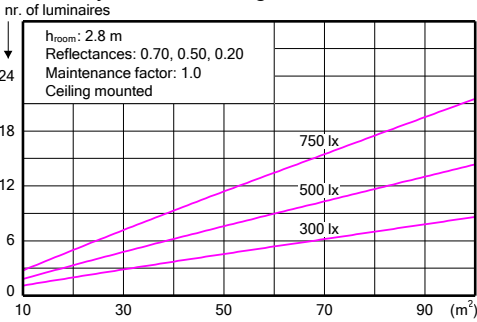
BVP359 S 18LED 40K 220V L21 1xLED 10

1 x 3310 lm

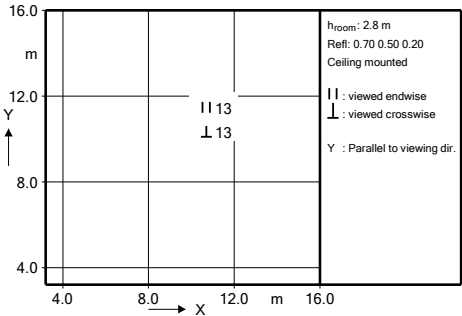
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	

Ceiling mounted

Luminance Table

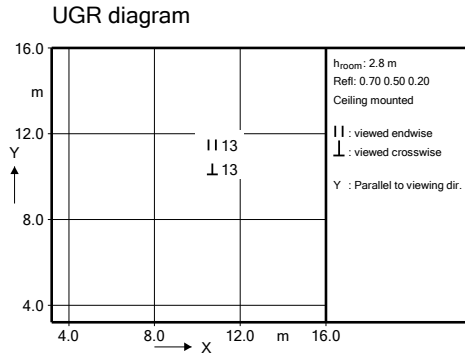
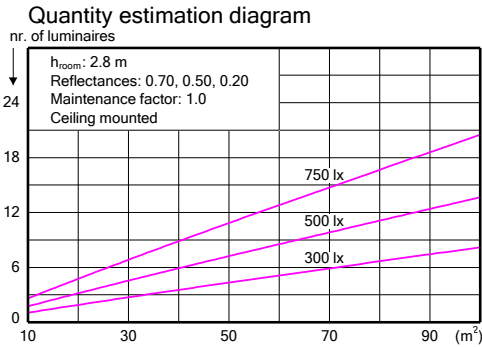
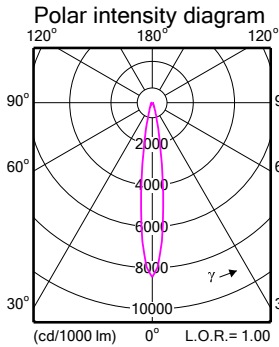
Plane Cone	0.0	45.0	90.0
45.0	6991	5725	6111
50.0	5095	4076	4382
55.0	3562	2780	3011
60.0	2425	1842	2011
65.0	1583	1167	1285
70.0	924	658	732
75.0	648	443	498
80.0	633	413	470
85.0	583	357	413
90.0	609	345	406

(cd/m2)

2021-08-30

BVP359 S 18LED 40K 220V L21 1xLED 15

1 x 3475 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.50	0.50	0.30	0.30
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.50	0.50	0.30	0.30
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.50	0.50	0.30	0.30
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.50	0.50	0.30	0.30
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.50	0.50	0.30	0.30
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.50	0.50	0.30	0.30
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.50	0.50	0.30	0.30
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.50	0.50	0.30	0.30
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.50	0.50	0.30	0.30

Ceiling mounted

Luminance Table

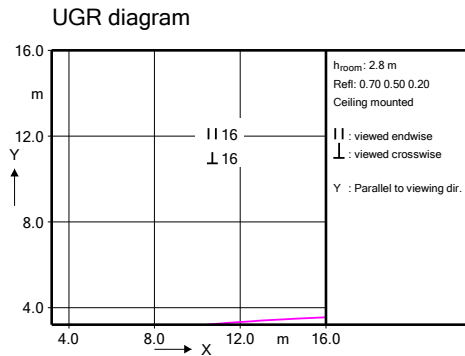
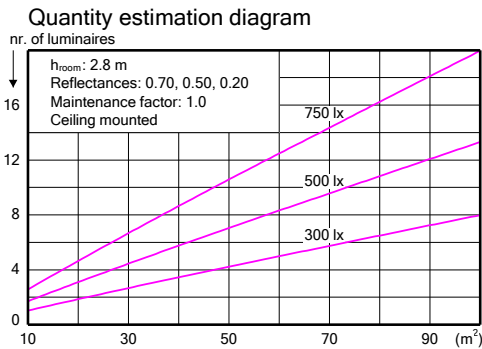
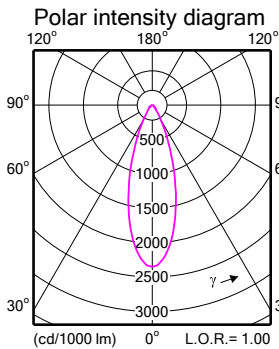
Plane Cone	0.0	45.0	90.0
45.0	7006	5737	6124
50.0	5232	4186	4500
55.0	3789	2957	3202
60.0	2567	1950	2128
65.0	1663	1225	1349
70.0	960	684	760
75.0	627	429	482
80.0	539	351	400
85.0	463	284	328
90.0	441	249	294

(cd/m2)

2021-08-30

BVP359 S 18LED 40K 220V L21 1xLED 30

1 x 3600 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.50	0.50	0.30	0.30
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.50	0.50	0.30	0.30
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.50	0.50	0.30	0.30
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.50	0.50	0.30	0.30
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.50	0.50	0.30	0.30
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.50	0.50	0.30	0.30
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.50	0.50	0.30	0.30
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.50	0.50	0.30	0.30
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.50	0.50	0.30	0.30
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.50	0.50	0.30	0.30

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8156	6679	7129
50.0	6356	5085	5467
55.0	4783	3733	4042
60.0	3458	2627	2867
65.0	2464	1816	1999
70.0	1641	1168	1299
75.0	1137	778	874
80.0	828	540	614
85.0	631	387	447
90.0	578	327	385

(cd/m2)

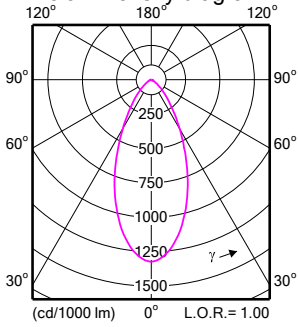
2021-08-30



**BVP359 S 18LED 40K 220V L21 1xLED 45**

1 x 3475 lm

Polar intensity diagram

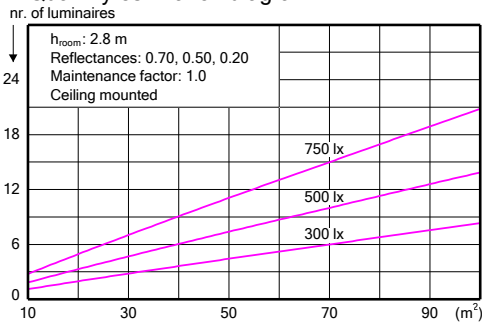


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

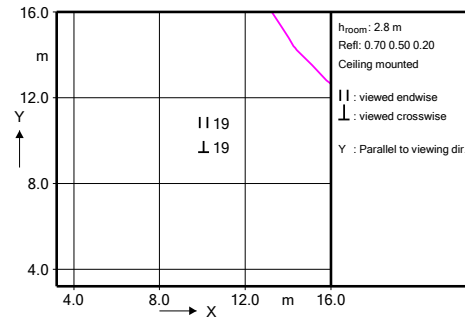


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.70 0.50 0.20													
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.75	0.77	0.75
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.80	0.77	0.75
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.85	0.83	0.82
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.90	0.88	0.87
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.92	0.90	0.89
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.95	0.93	0.92
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.96	0.94	0.93

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	15163	12416	13253
50.0	10046	8038	8641
55.0	6425	5014	5430
60.0	3919	2977	3249
65.0	2224	1639	1805
70.0	985	701	780
75.0	530	363	408
80.0	504	328	374
85.0	501	307	355
90.0	529	299	352

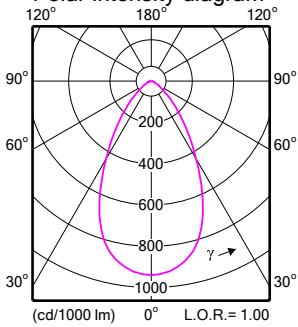
(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 18LED 40K 220V L21 1xLED 60**

1 x 3390 lm

Polar intensity diagram

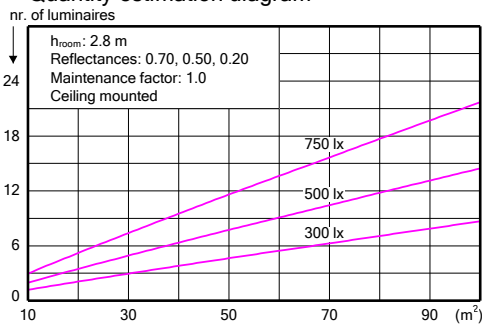


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18

Quantity estimation diagram

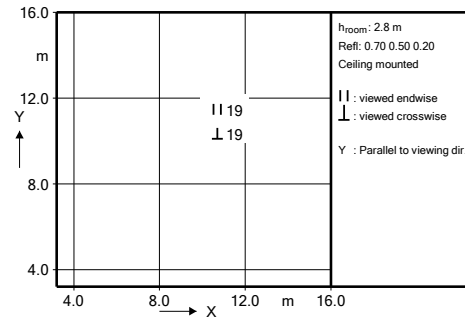


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.70 0.50 0.20													
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.73	0.71	0.70
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.77	0.75	0.74
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.83	0.81	0.80
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.87	0.85	0.84
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.90	0.88	0.87
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.93	0.91	0.90
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.94	0.92	0.91

Ceiling mounted

UGR diagram



Luminance Table

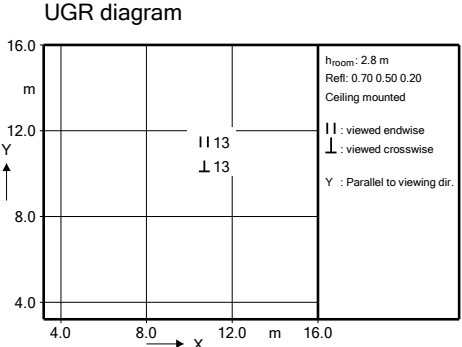
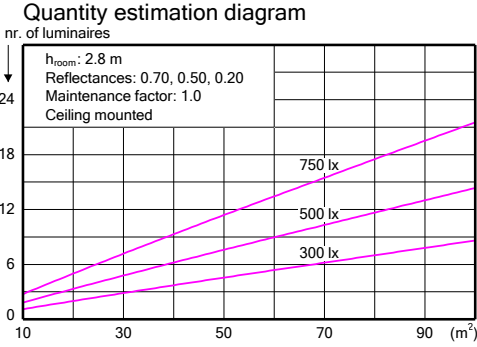
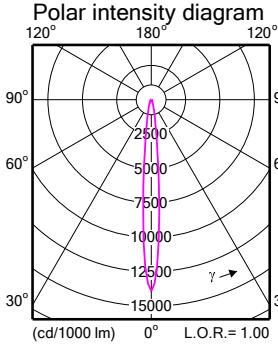
Plane Cone	0.0	45.0	90.0
45.0	17561	14380	15350
50.0	11789	9432	10139
55.0	7934	6192	6706
60.0	5652	4293	4686
65.0	4020	2963	3262
70.0	2653	1889	2100
75.0	1671	1143	1284
80.0	1092	712	810
85.0	709	435	502
90.0	570	322	380

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 50K 220V L21 1xLED 10

1 x 3310 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
	0.80	0.80	0.30	0.70	0.70	0.30	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6991	5725	6111
50.0	5095	4076	4382
55.0	3562	2780	3011
60.0	2425	1842	2011
65.0	1583	1167	1285
70.0	924	658	732
75.0	648	443	498
80.0	633	413	470
85.0	583	357	413
90.0	609	345	406

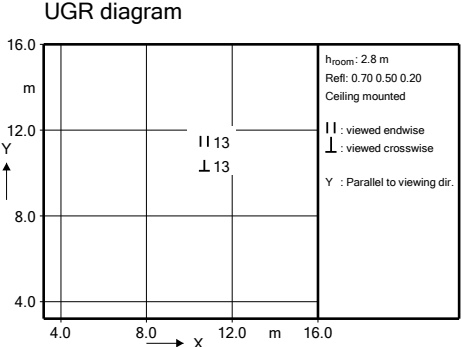
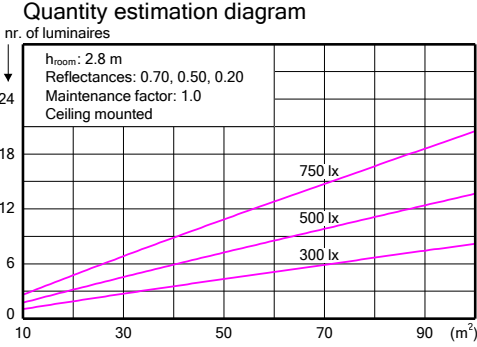
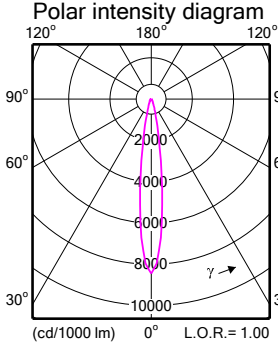
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

BVP359 S 18LED 50K 220V L21 1xLED 15

1 x 3475 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
	0.80	0.80	0.30	0.70	0.70	0.30	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7006	5737	6124
50.0	5232	4186	4500
55.0	3789	2957	3202
60.0	2567	1950	2128
65.0	1663	1225	1349
70.0	960	684	760
75.0	627	429	482
80.0	539	351	400
85.0	463	284	328
90.0	441	249	294

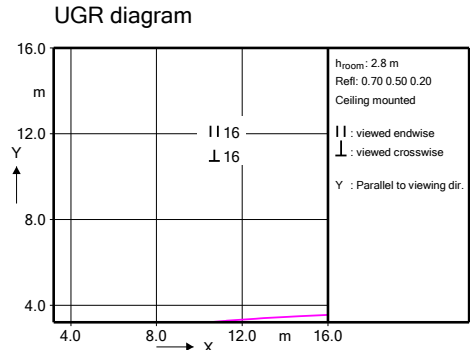
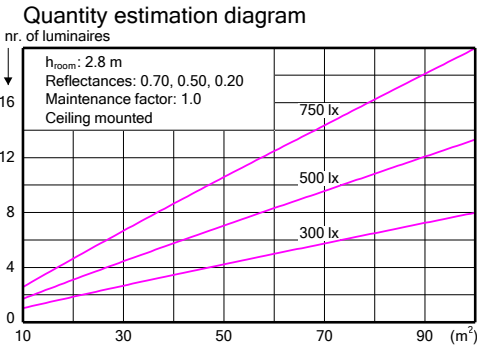
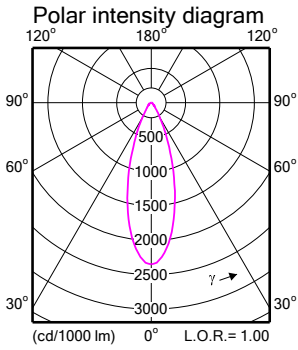
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

**BVP359 S 18LED 50K 220V L21 1xLED 30**

1 x 3600 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

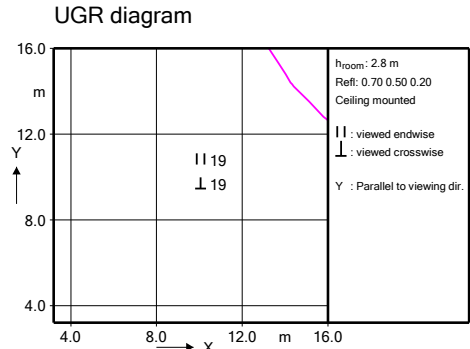
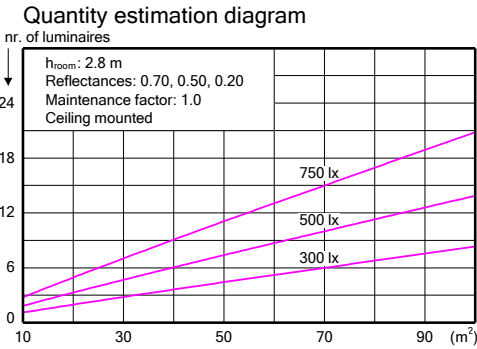
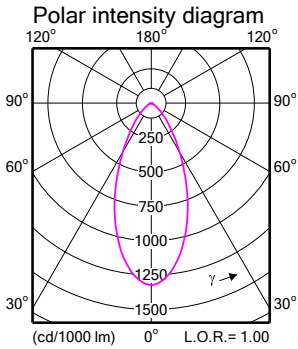
Plane Cone	0.0	45.0	90.0
45.0	8156	6679	7129
50.0	6356	5085	5467
55.0	4783	3733	4042
60.0	3458	2627	2867
65.0	2464	1816	1999
70.0	1641	1168	1299
75.0	1137	778	874
80.0	828	540	614
85.0	631	387	447
90.0	578	327	385

(cd/m2)

2021-08-30

**BVP359 S 18LED 50K 220V L21 1xLED 45**

1 x 3475 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	15163	12416	13253
50.0	10046	8038	8641
55.0	6425	5014	5430
60.0	3919	2977	3249
65.0	2224	1639	1805
70.0	985	701	780
75.0	530	363	408
80.0	504	328	374
85.0	501	307	355
90.0	529	299	352

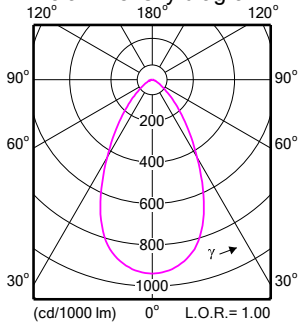
(cd/m2)

2021-08-30

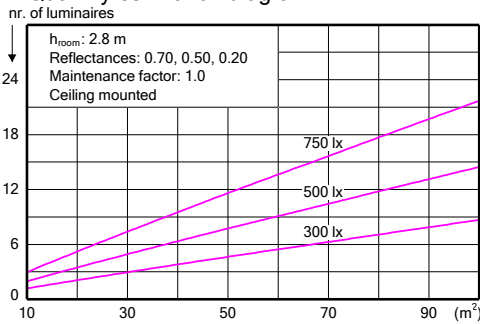
BVP359 S 18LED 50K 220V L21 1xLED 60

1 x 3390 lm

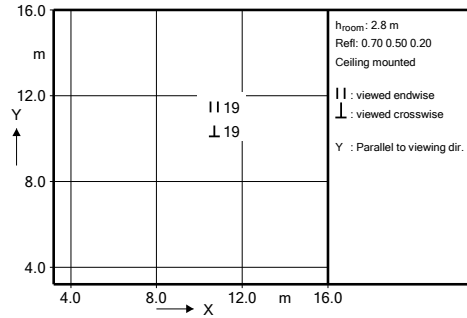
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.30	0.10	0.10	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.10	0.10	0.10	0.00
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.10	0.10	0.10	0.00
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.10	0.10	0.10	0.00
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.10	0.10	0.10	0.00
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.10	0.10	0.10	0.00
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.10	0.10	0.10	0.00
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.10	0.10	0.10	0.00
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.10	0.10	0.10	0.00
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.10	0.10	0.10	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	17561	14380	15350
50.0	11789	9432	10139
55.0	7934	6192	6706
60.0	5652	4293	4686
65.0	4020	2963	3262
70.0	2653	1889	2100
75.0	1671	1143	1284
80.0	1092	712	810
85.0	709	435	502
90.0	570	322	380

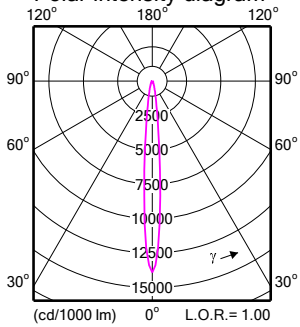
(cd/m<sup>2</sup>)

2021-08-30

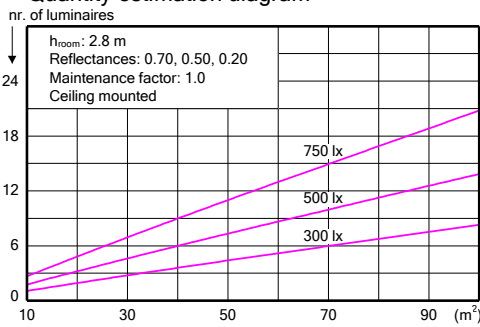
BVP359 S 18LED 57K 220V L21 1xLED 10

1 x 3430 lm

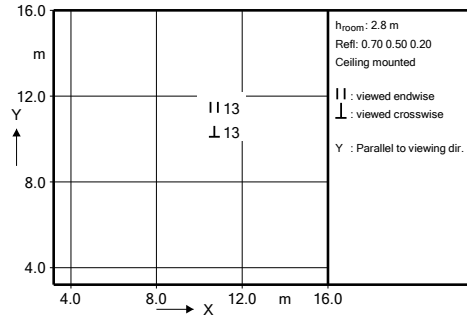
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.30	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.10	0.10	0.10	0.00
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.10	0.10	0.10	0.00
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.10	0.10	0.10	0.00
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.10	0.10	0.10	0.00
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.10	0.10	0.10	0.00
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.10	0.10	0.10	0.00
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.10	0.10	0.10	0.00
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.10	0.10	0.10	0.00
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.10	0.10	0.10	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7244	5932	6332
50.0	5280	4224	4541
55.0	3692	2881	3120
60.0	2513	1909	2084
65.0	1640	1209	1331
70.0	958	682	758
75.0	672	459	516
80.0	428	288	312
85.0	281	188	208
90.0	181	125	133

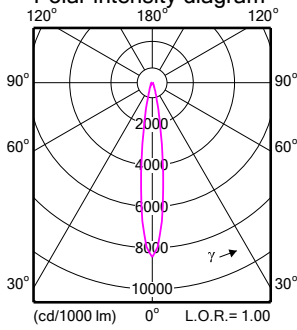
(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 18LED 57K 220V L21 1xLED 15**

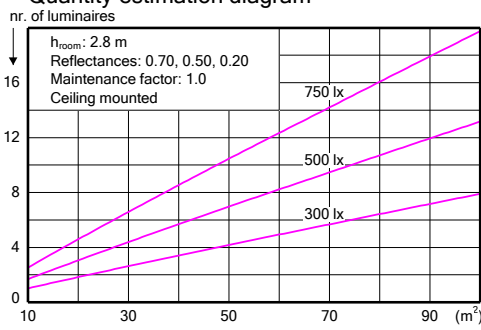
1 x 3605 lm

Polar intensity diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

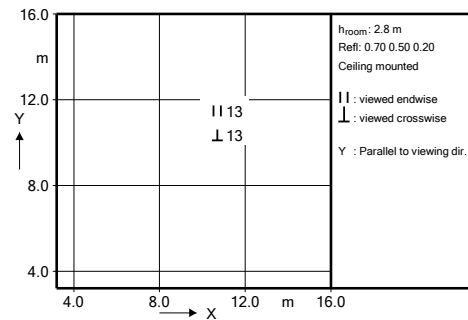


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7268	5952	6353
50.0	5428	4343	4668
55.0	3931	3068	3322
60.0	2663	2023	2208
65.0	1725	1271	1400
70.0	996	710	789
75.0	650	445	500
80.0	559	364	415
85.0	480	294	340
90.0	457	259	305

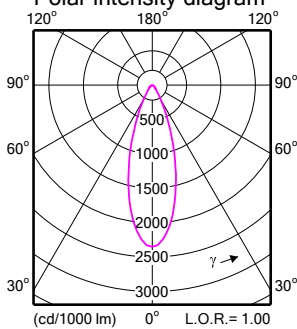
(cd/m2)

2021-08-30

**BVP359 S 18LED 57K 220V L21 1xLED 30**

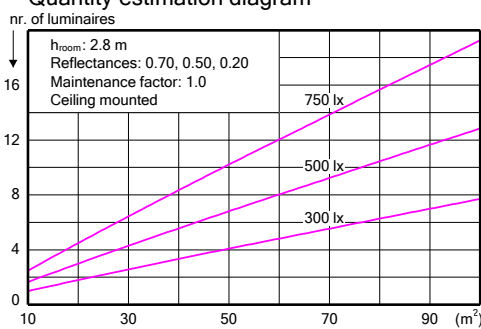
1 x 3730 lm

Polar intensity diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 90 97 99 100 100  
UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

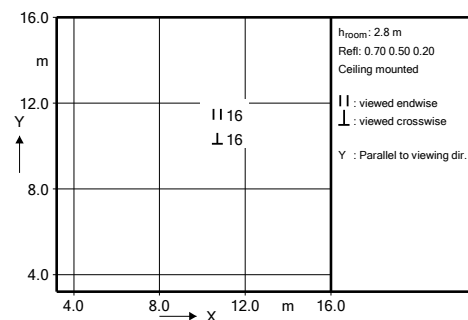


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

UGR diagram



Luminance Table

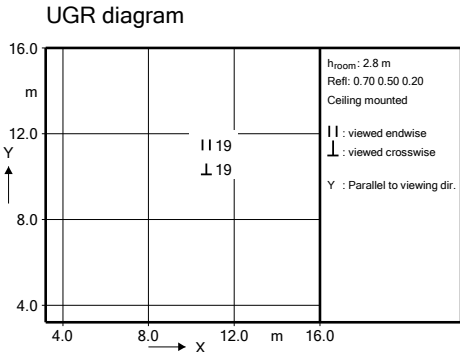
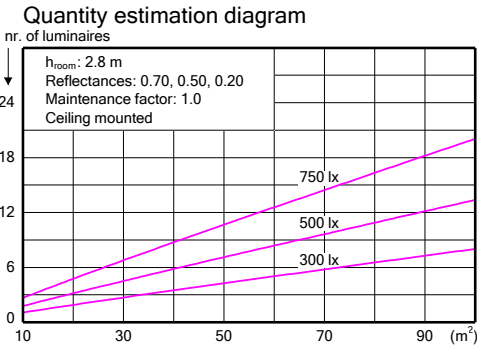
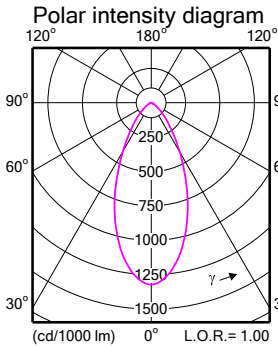
Plane Cone	0.0	45.0	90.0
45.0	8451	6920	7387
50.0	6586	5269	5664
55.0	4956	3868	4188
60.0	3583	2722	2971
65.0	2553	1882	2072
70.0	1700	1211	1346
75.0	1178	806	906
80.0	858	559	636
85.0	653	400	463
90.0	599	339	399

(cd/m2)

2021-08-30

BVP359 S 18LED 57K 220V L21 1xLED 45

1 x 3605 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

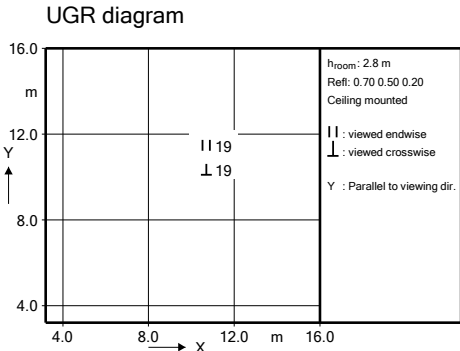
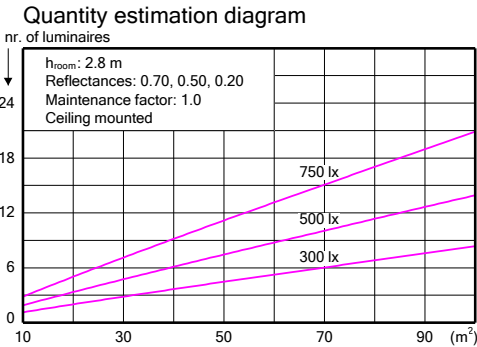
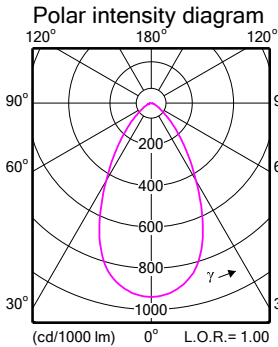
Plane Cone	0.0	45.0	90.0
45.0	15730	12880	13749
50.0	10422	8339	8964
55.0	6665	5202	5633
60.0	4066	3088	3371
65.0	2307	1701	1872
70.0	1022	728	809
75.0	550	376	423
80.0	523	341	388
85.0	520	319	369
90.0	548	310	366

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED 57K 220V L21 1xLED 60

1 x 3520 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18234	14931	15938
50.0	12241	9794	10528
55.0	8238	6430	6963
60.0	5869	4458	4866
65.0	4174	3077	3387
70.0	2755	1962	2181
75.0	1735	1187	1334
80.0	1134	739	841
85.0	736	451	522
90.0	592	335	394

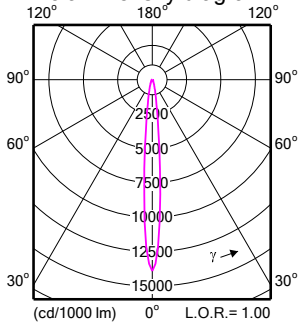
(cd/m<sup>2</sup>)

2021-08-30

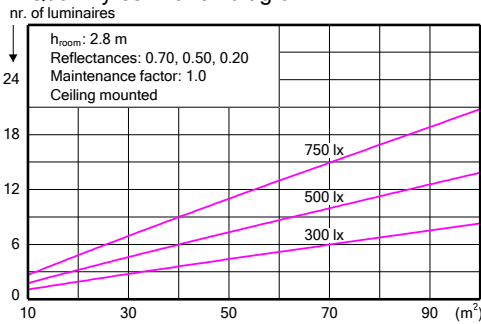
**BVP359 S 18LED 65K 220V L21 1xLED 10**

1 x 3430 lm

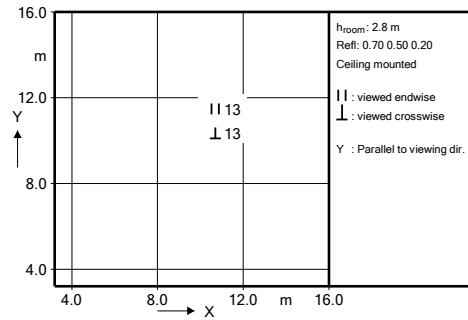
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	7244	5932	6332
50.0	5280	4224	4541
55.0	3692	2881	3120
60.0	2513	1909	2084
65.0	1640	1209	1331
70.0	958	682	758
75.0	672	459	516
80.0	656	428	487
85.0	604	370	428
90.0	631	357	421

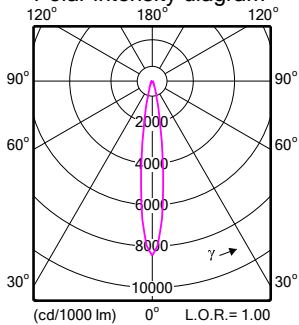
(cd/m2)

2021-08-30

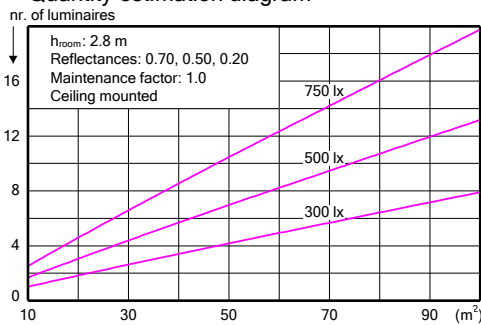
**BVP359 S 18LED 65K 220V L21 1xLED 15**

1 x 3605 lm

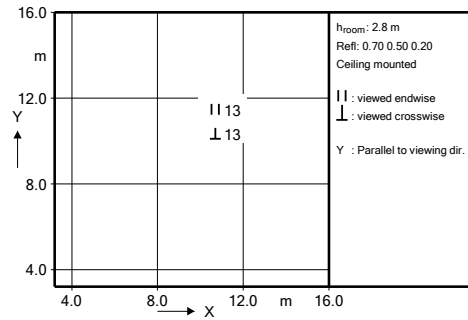
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	7268	5952	6353
50.0	5428	4343	4668
55.0	3931	3068	3322
60.0	2663	2023	2208
65.0	1725	1271	1400
70.0	996	710	789
75.0	650	445	500
80.0	559	364	415
85.0	480	294	340
90.0	457	259	305

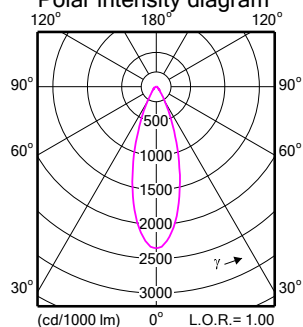
(cd/m2)

2021-08-30

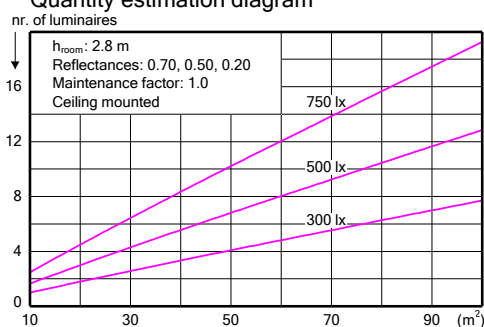
## BVP359 S 18LED 65K 220V L21 1xLED 30

1 x 3730 lm

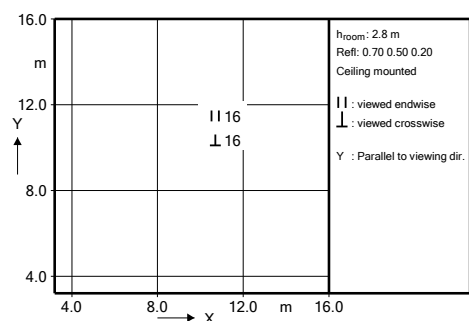
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRc<sub>en</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.00		
	0.80	0.50	0.30	0.70	0.50	0.30	0.70	0.50	0.30	0.50	0.30	0.10	0.50	0.30	0.10
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.70	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.85	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.88	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.93	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.97	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.99	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	1.01	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	1.02	0.99	0.97	

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	8451	6920	7387
50.0	6586	5269	5664
55.0	4956	3868	4188
60.0	3583	2722	2971
65.0	2553	1882	2072
70.0	1760	1211	1346
75.0	1178	806	906
80.0	858	559	636
85.0	653	400	463
90.0	599	339	399

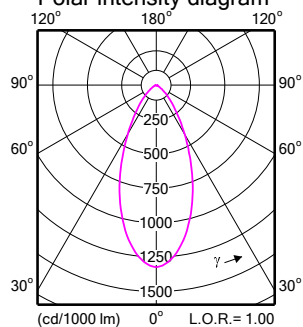
(cd/m2)

2021-08-30

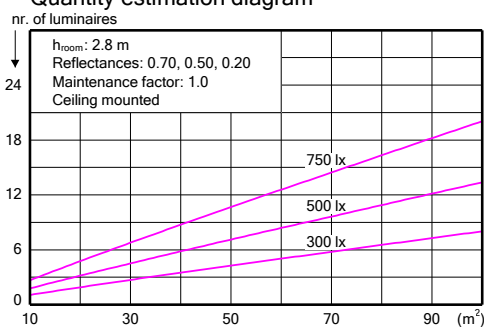
## BVP359 S 18LED 65K 220V L21 1xLED 45

1 x 3605 lm

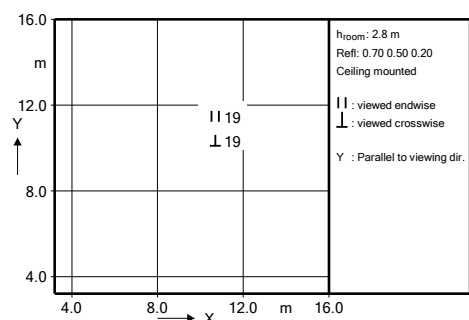
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRc<sub>en</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.00		
	0.80	0.50	0.30	0.70	0.50	0.30	0.70	0.50	0.30	0.50	0.30	0.10	0.50	0.30	0.10
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.78	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.83	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.88	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.93	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.97	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.99	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	1.01	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	1.02	0.99	0.97	

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	15730	12880	13749
50.0	10422	8339	8964
55.0	6665	5202	5633
60.0	4066	3088	3371
65.0	2307	1701	1872
70.0	1022	728	809
75.0	550	376	423
80.0	523	341	388
85.0	520	319	369
90.0	548	310	366

(cd/m2)

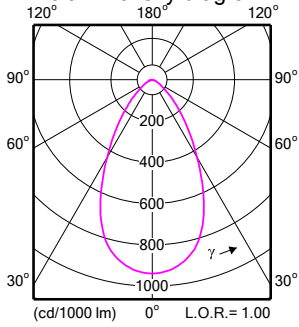
2021-08-30



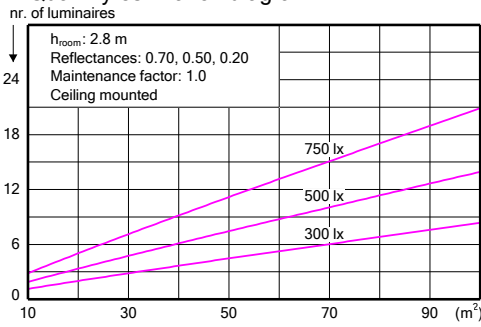
BVP359 S 18LED 65K 220V L21 1xLED 60

1 x 3520 lm

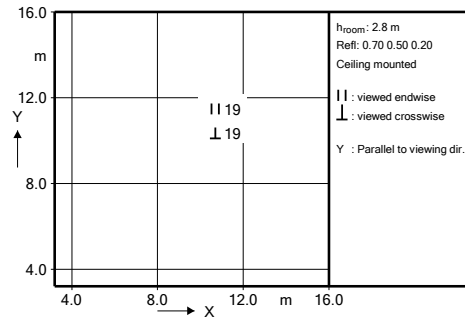
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18234	14931	15938
50.0	12241	9794	10528
55.0	8238	6430	6963
60.0	5869	4458	4866
65.0	4174	3077	3387
70.0	2755	1962	2181
75.0	1735	1187	1334
80.0	1134	739	841
85.0	736	451	522
90.0	592	335	394

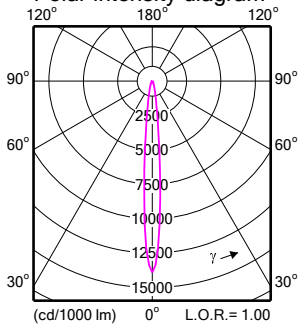
(cd/m<sup>2</sup>)

2021-08-30

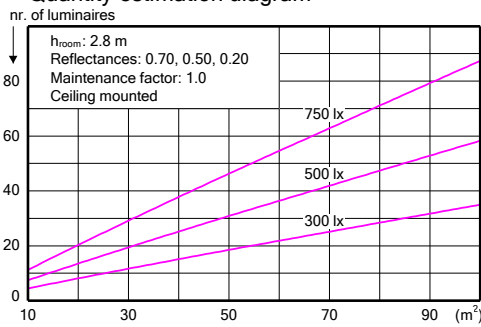
BVP359 S 18LED BL 220V L21 1xLED 10

1 x 815 lm

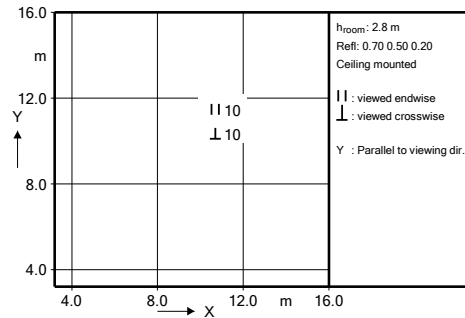
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 7  
 EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

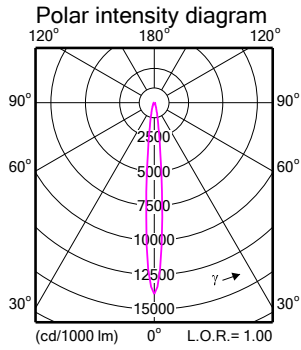
Plane Cone	0.0	45.0	90.0
45.0	1721	1410	1505
50.0	1254	1004	1079
55.0	877	685	741
60.0	597	454	495
65.0	390	287	316
70.0	228	162	180
75.0	160	109	123
80.0	156	102	116
85.0	144	88	102
90.0	150	85	100

(cd/m<sup>2</sup>)

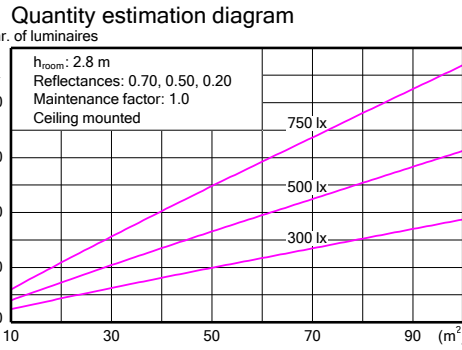
2021-08-30

BVP359 S 18LED BL 220V L21 DMX 1xLED 10

1 x 760 lm



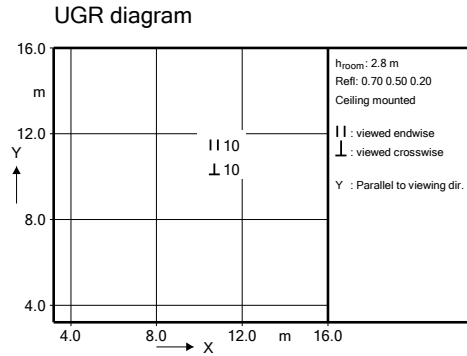
Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 7  
 EN12464-1 65 deg, 500 cd/m2



Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted



Luminance Table

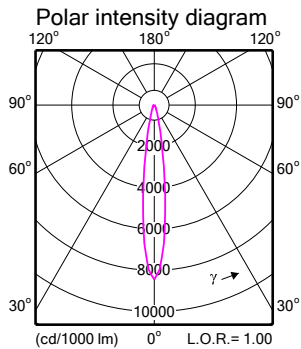
Plane Cone	0.0	45.0	90.0
45.0	1605	1314	1403
50.0	1170	936	1006
55.0	818	638	691
60.0	557	423	462
65.0	363	268	295
70.0	212	151	168
75.0	149	102	114
80.0	145	95	108
85.0	134	82	95
90.0	140	79	93

(cd/m2)

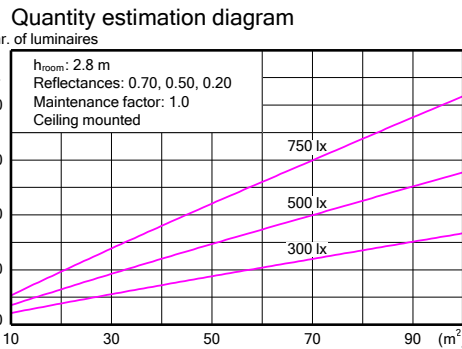
2021-08-30

BVP359 S 18LED BL 220V L21 1xLED 15

1 x 855 lm



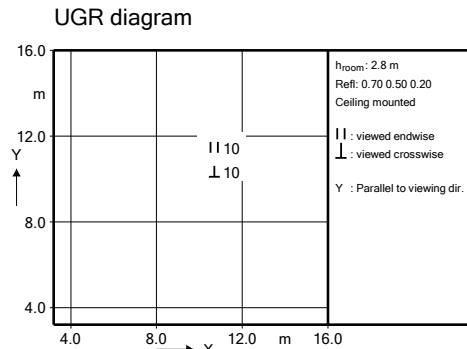
Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 7  
 EN12464-1 65 deg, 500 cd/m2



Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1724	1412	1507
50.0	1287	1030	1107
55.0	932	728	788
60.0	632	480	524
65.0	409	302	332
70.0	236	168	187
75.0	154	105	119
80.0	133	86	98
85.0	114	70	81
90.0	108	61	72

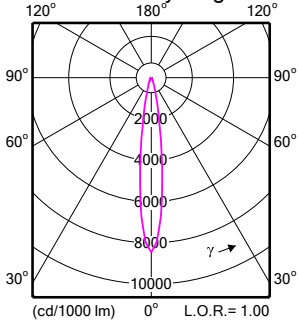
(cd/m2)

2021-08-30

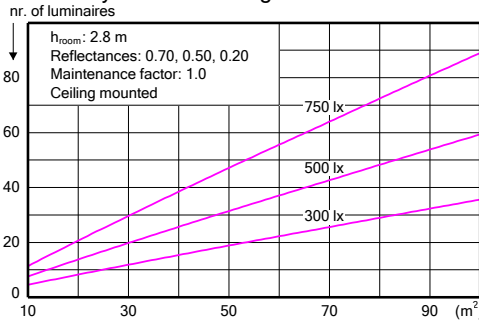
**BVP359 S 18LED BL 220V L21 DMX 1xLED 15**

1 x 800 lm

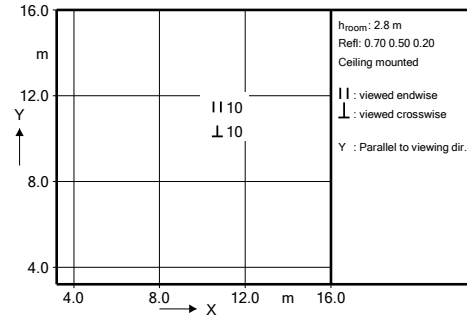
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 7  
 EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1613	1321	1410
50.0	1205	964	1036
55.0	872	681	737
60.0	591	449	490
65.0	383	282	311
70.0	221	157	175
75.0	144	99	111
80.0	124	81	92
85.0	107	65	75
90.0	102	57	68

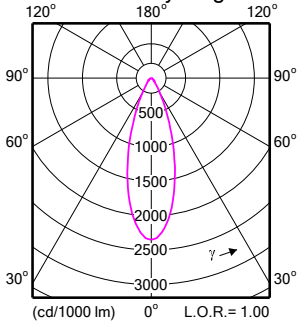
(cd/m<sup>2</sup>)

2021-08-30

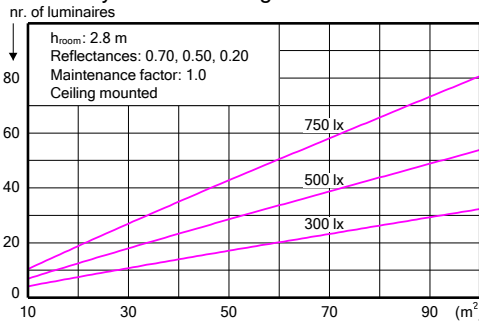
**BVP359 S 18LED BL 220V L21 1xLED 30**

1 x 890 lm

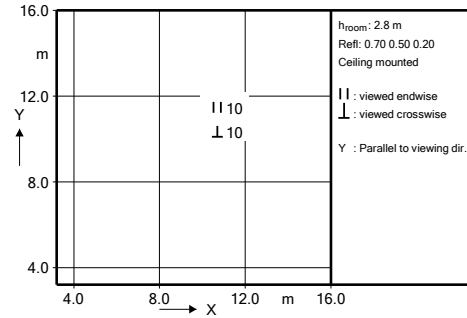
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2016	1651	1763
50.0	1571	1257	1351
55.0	1182	923	999
60.0	855	649	709
65.0	609	449	494
70.0	406	289	321
75.0	281	192	216
80.0	205	133	152
85.0	156	96	110
90.0	143	81	95

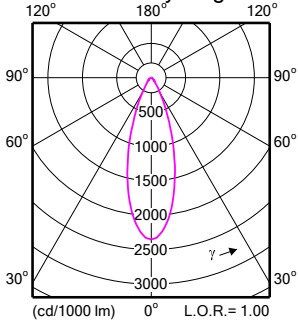
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED BL 220V L21 DMX 1xLED 30

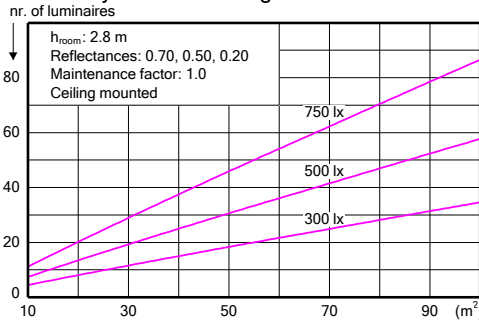
1 x 830 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Quantity estimation diagram

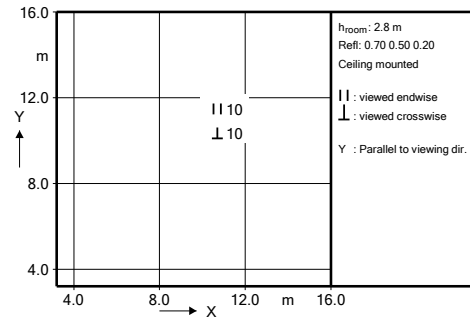


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1880	1540	1644
50.0	1465	1172	1260
55.0	1103	861	932
60.0	797	606	661
65.0	568	419	461
70.0	378	269	299
75.0	262	179	202
80.0	191	124	142
85.0	145	89	103
90.0	133	75	89

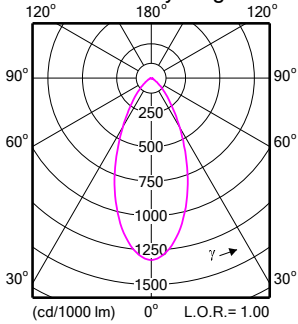
(cd/m2)

2021-08-30

BVP359 S 18LED BL 220V L21 1xLED 45

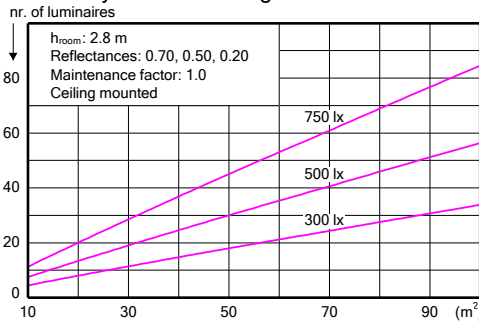
1 x 855 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1000 cd/m2

Quantity estimation diagram

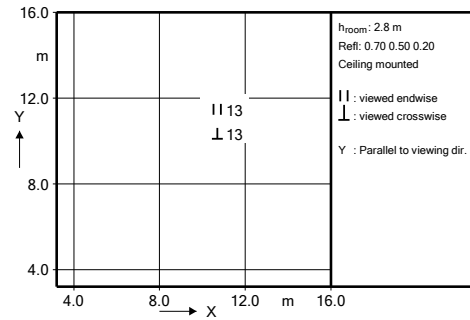


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97	

Ceiling mounted

UGR diagram



Luminance Table

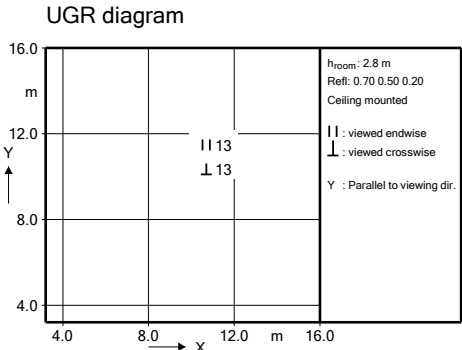
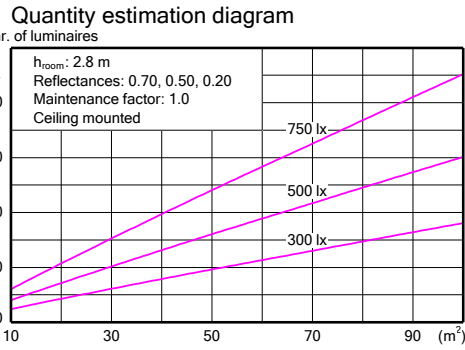
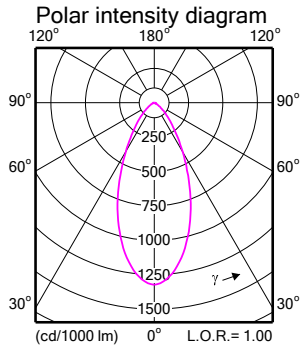
Plane Cone	0.0	45.0	90.0
45.0	3731	3055	3261
50.0	2472	1978	2126
55.0	1581	1234	1336
60.0	964	732	799
65.0	547	403	444
70.0	242	173	192
75.0	130	89	100
80.0	124	81	92
85.0	123	76	87
90.0	130	74	87

(cd/m2)

2021-08-30

**BVP359 S 18LED BL 220V L21 DMX 1xLED 45**

1 x 800 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.60
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

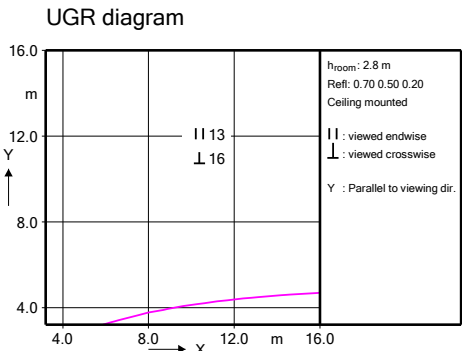
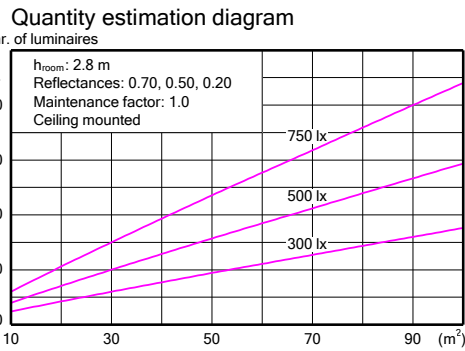
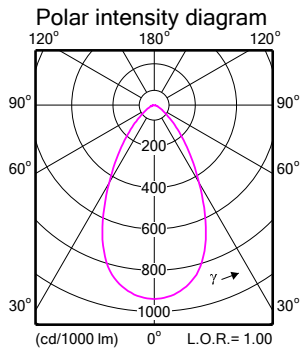
Plane Cone	0.0	45.0	90.0
45.0	3491	2858	3051
50.0	2313	1851	1989
55.0	1479	1154	1250
60.0	902	685	748
65.0	512	377	415
70.0	227	161	180
75.0	122	83	94
80.0	116	76	86
85.0	115	71	82
90.0	122	69	81

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 18LED BL 220V L21 1xLED 60**

1 x 835 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4325	3542	3781
50.0	2904	2323	2497
55.0	1954	1525	1652
60.0	1392	1058	1154
65.0	990	730	804
70.0	653	465	517
75.0	412	281	316
80.0	269	175	200
85.0	175	107	124
90.0	140	79	94

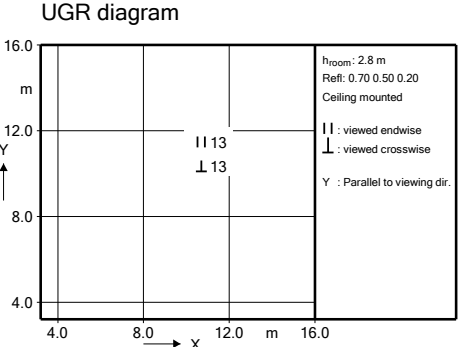
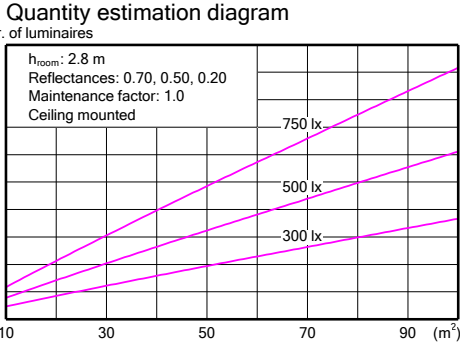
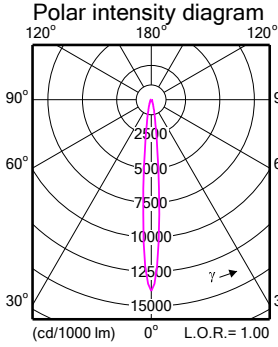
(cd/m<sup>2</sup>)

2021-08-30



BVP359 S 18LED GN 220V L21 DMX 1xLED 10

1 x 2590 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.10 0.10	0.00 0.00		
0.60	0.80	0.80	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

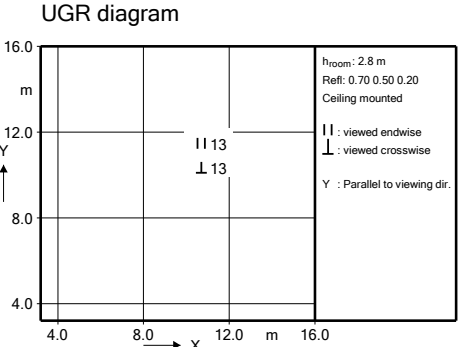
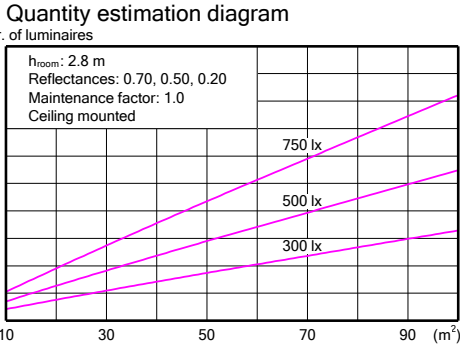
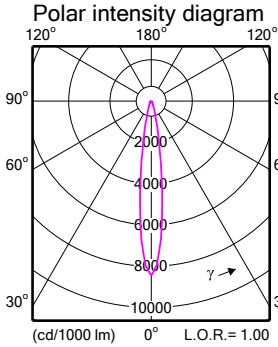
Plane Cone	0.0	45.0	90.0
45.0	5470	4479	4781
50.0	3987	3190	3429
55.0	2787	2176	2356
60.0	1898	1441	1573
65.0	1239	913	1005
70.0	723	515	572
75.0	507	347	390
80.0	496	323	368
85.0	456	280	323
90.0	477	270	318

(cd/m2)

2021-08-30

BVP359 S 18LED GN 220V L21 1xLED 15

1 x 2890 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.10 0.10	0.00 0.00		
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5827	4771	5093
50.0	4351	3482	3743
55.0	3151	2459	2663
60.0	2135	1622	1770
65.0	1383	1019	1122
70.0	799	569	632
75.0	521	356	401
80.0	448	292	333
85.0	385	236	273
90.0	367	207	244

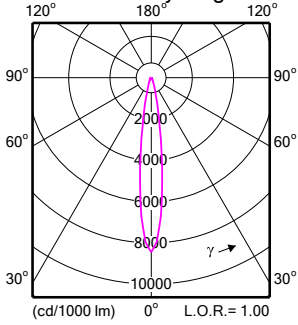
(cd/m2)

2021-08-30

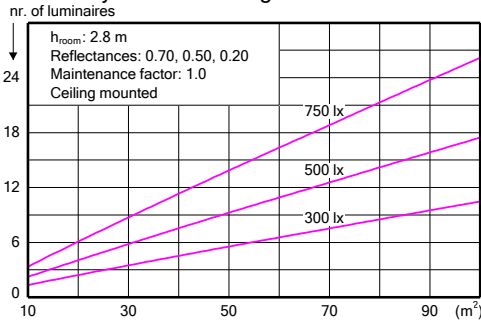
BVP359 S 18LED GN 220V L21 DMX 1xLED 15

1 x 2720 lm

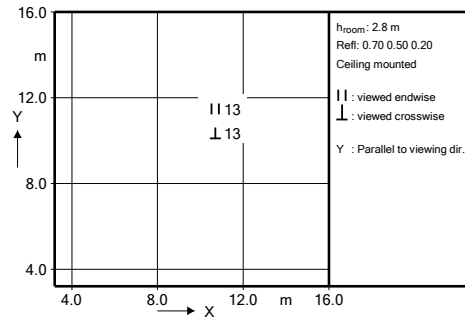
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5484	4491	4793
50.0	4095	3277	3522
55.0	2966	2315	2507
60.0	2009	1526	1666
65.0	1301	959	1056
70.0	752	535	595
75.0	490	336	377
80.0	422	275	313
85.0	362	222	257
90.0	345	195	230

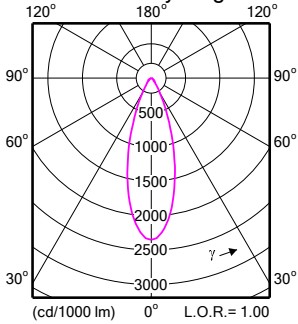
(cd/m2)

2021-08-30

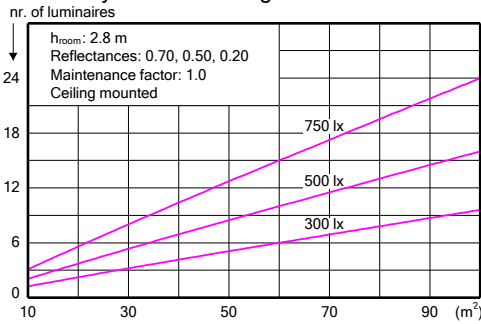
BVP359 S 18LED GN 220V L21 1xLED 30

1 x 2995 lm

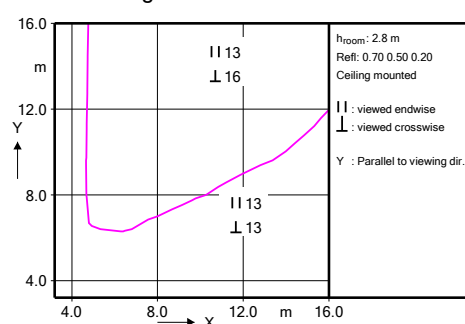
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6786	5556	5931
50.0	5288	4231	4548
55.0	3979	3106	3363
60.0	2877	2185	2385
65.0	2050	1511	1663
70.0	1365	972	1081
75.0	946	647	727
80.0	689	449	511
85.0	525	322	372
90.0	481	272	320

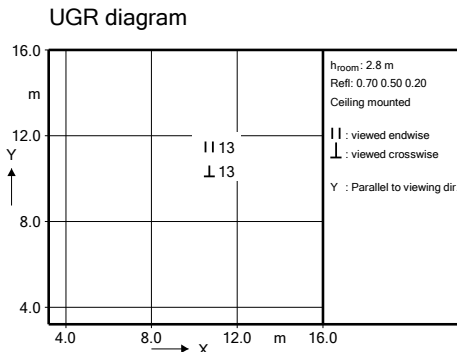
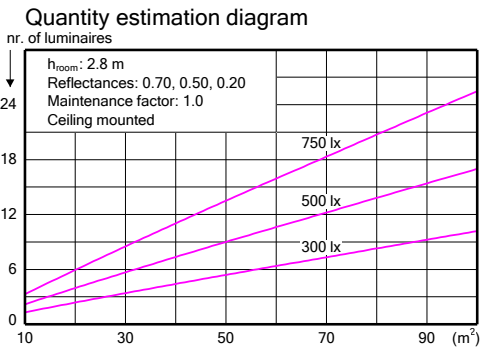
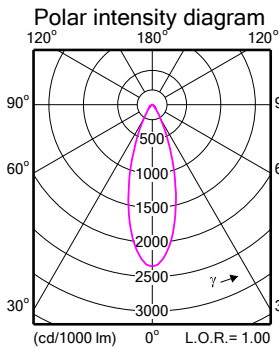
(cd/m2)

2021-08-30



BVP359 S 18LED GN 220V L21 DMX 1xLED 30

1 x 2820 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

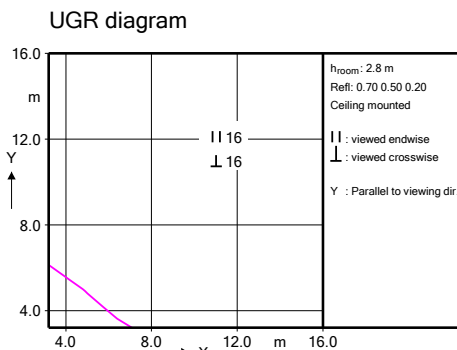
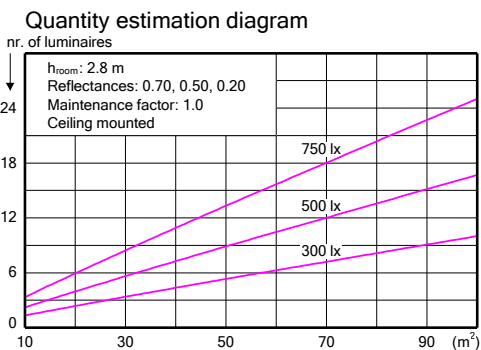
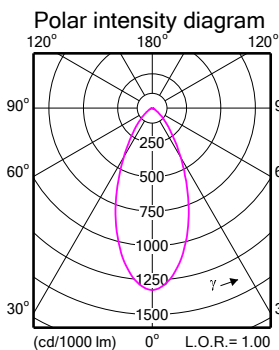
Plane Cone	0.0	45.0	90.0
45.0	6389	5232	5585
50.0	4979	3984	4282
55.0	3747	2924	3167
60.0	2709	2058	2246
65.0	1930	1423	1566
70.0	1285	915	1017
75.0	891	609	685
80.0	649	423	481
85.0	494	303	350
90.0	453	256	302

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 18LED GN 220V L21 1xLED 45

1 x 2890 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

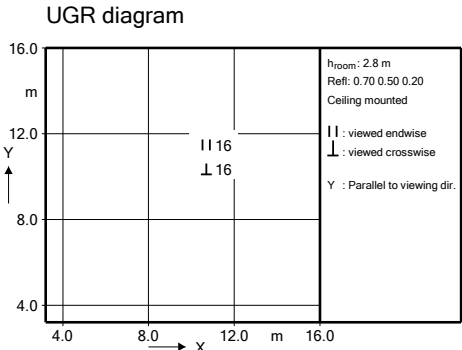
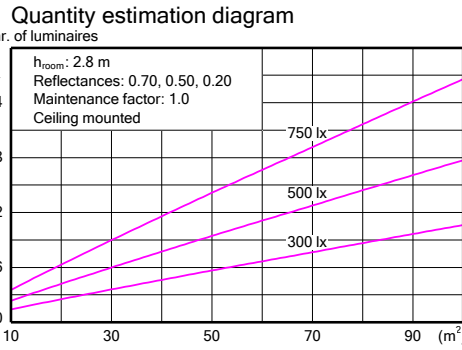
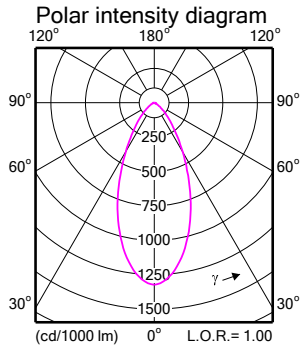
Plane Cone	0.0	45.0	90.0
45.0	12610	10326	11022
50.0	8355	6685	7186
55.0	5343	4170	4516
60.0	3259	2476	2702
65.0	1850	1363	1501
70.0	819	583	648
75.0	441	302	339
80.0	419	273	311
85.0	417	256	295
90.0	440	249	293

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 18LED GN 220V L21 DMX 1xLED 45**

1 x 2720 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11868	9718	10374
50.0	7864	6292	6763
55.0	5029	3925	4250
60.0	3067	2330	2543
65.0	1741	1283	1413
70.0	771	549	610
75.0	415	284	319
80.0	394	257	293
85.0	392	241	278
90.0	414	234	276

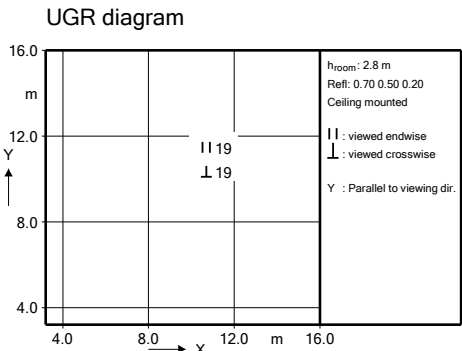
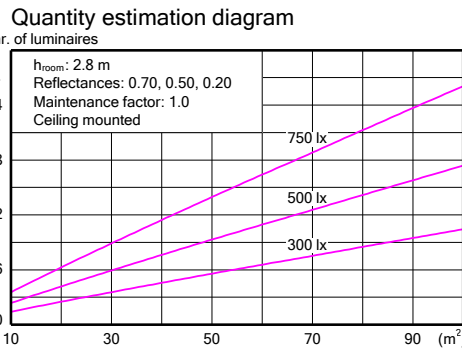
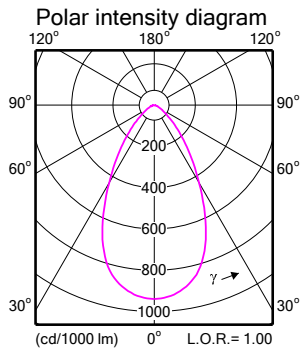
(cd/m2)

Ceiling mounted

2021-08-30

**BVP359 S 18LED GN 220V L21 1xLED 60**

1 x 2820 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	14608	11962	12769
50.0	9807	7846	8434
55.0	6600	5151	5578
60.0	4702	3571	3898
65.0	3344	2465	2714
70.0	2207	1572	1747
75.0	1390	951	1068
80.0	908	592	674
85.0	590	362	418
90.0	474	268	316

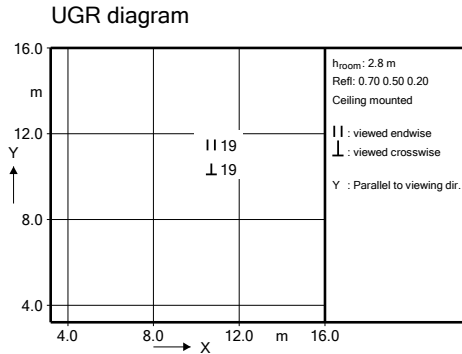
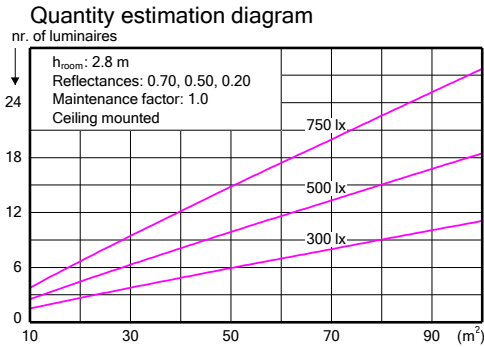
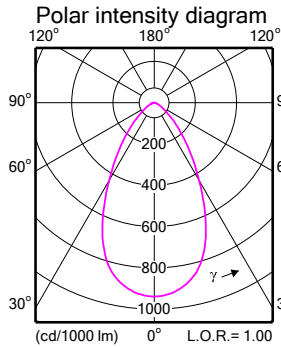
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 S 18LED GN 220V L21 DMX 1xLED 60

1 x 2655 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

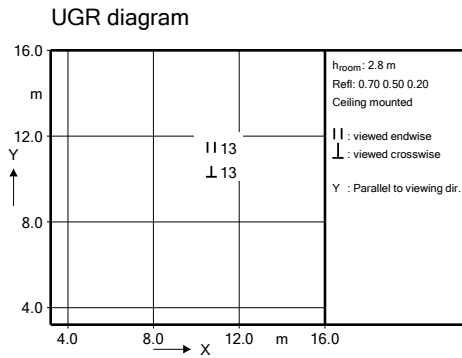
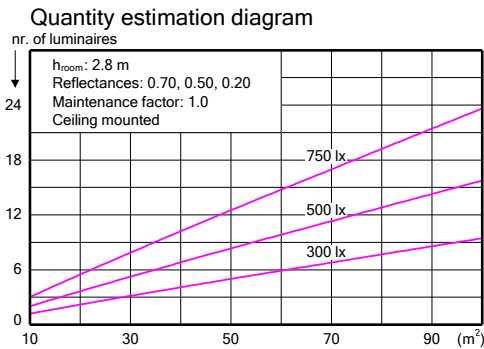
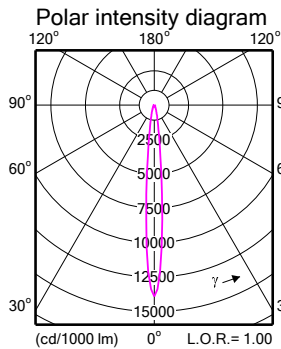
Plane Cone	0.0	45.0	90.0
45.0	13753	11262	12022
50.0	9233	7387	7941
55.0	6214	4850	5252
60.0	4426	3362	3670
65.0	3149	2321	2555
70.0	2078	1480	1645
75.0	1308	895	1006
80.0	855	557	634
85.0	555	340	393
90.0	446	252	297

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 20LED TW 220V L21 DMX 1xLED 10

1 x 3015 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

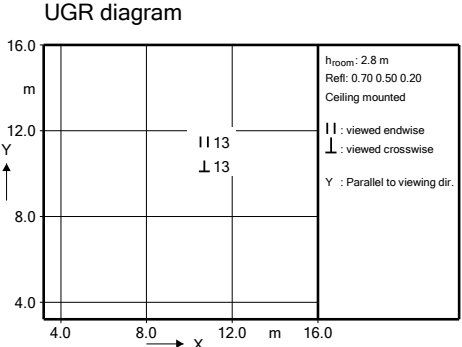
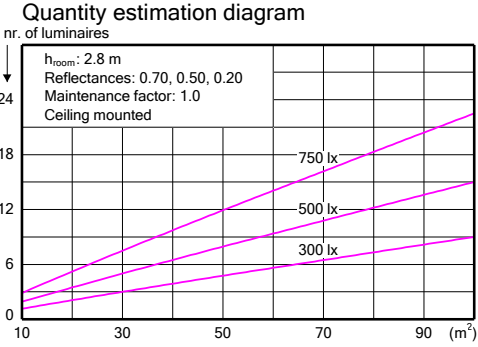
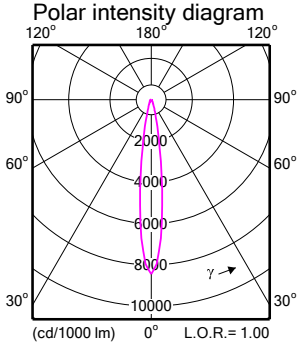
Plane Cone	0.0	45.0	90.0
45.0	6368	5214	5566
50.0	4641	3713	3991
55.0	3245	2533	2743
60.0	2209	1678	1831
65.0	1442	1063	1170
70.0	842	599	666
75.0	590	404	454
80.0	577	376	428
85.0	531	326	376
90.0	555	314	370

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 20LED TW 220V L21 DMX 1xLED 15

1 x 3165 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRc<sub>en</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

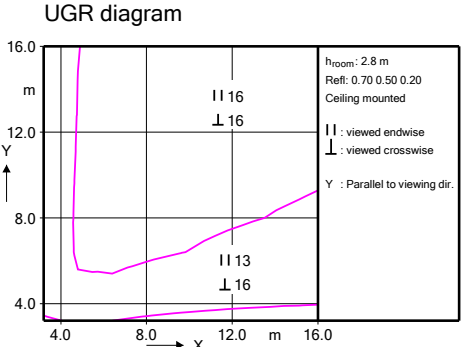
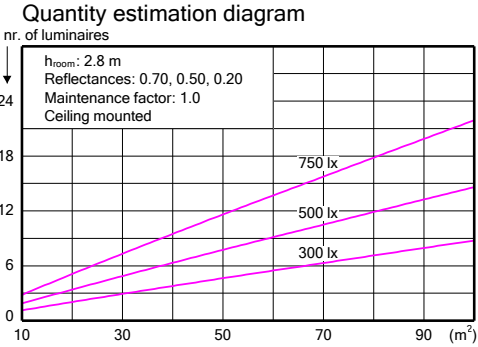
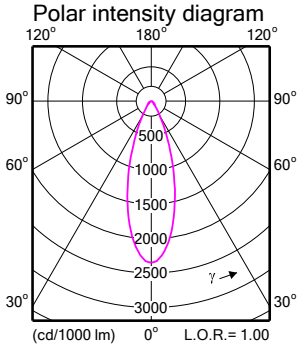
Plane Cone	0.0	45.0	90.0
45.0	6381	5225	5578
50.0	4765	3813	4099
55.0	3451	2693	2917
60.0	2338	1776	1938
65.0	1514	1116	1229
70.0	875	623	692
75.0	571	390	439
80.0	491	320	364
85.0	421	258	299
90.0	402	227	268

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 20LED TW 220V L21 DMX 1xLED 30

1 x 3280 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRc<sub>en</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

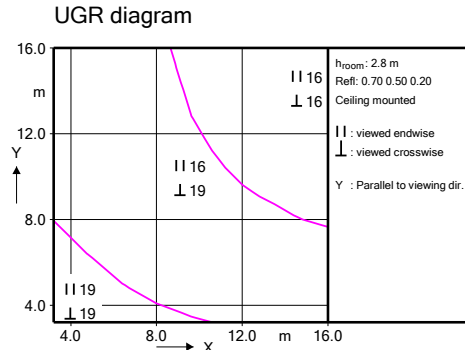
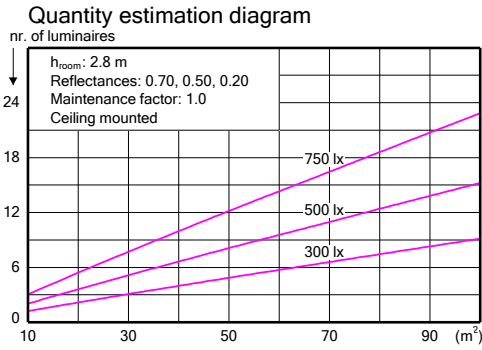
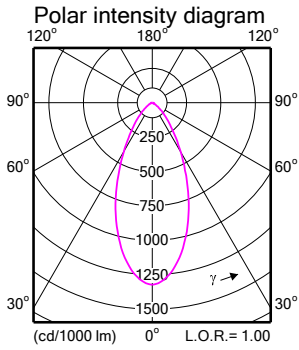
Plane Cone	0.0	45.0	90.0
45.0	7431	6085	6496
50.0	5791	4633	4981
55.0	4358	3401	3683
60.0	3151	2393	2612
65.0	2245	1655	1822
70.0	1495	1065	1183
75.0	1036	709	797
80.0	754	492	560
85.0	574	352	407
90.0	526	298	351

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 20LED TW 220V L21 DMX 1xLED 45

1 x 3165 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

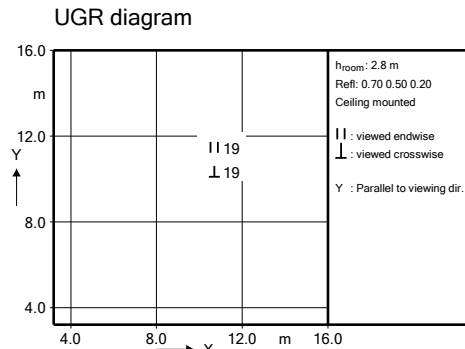
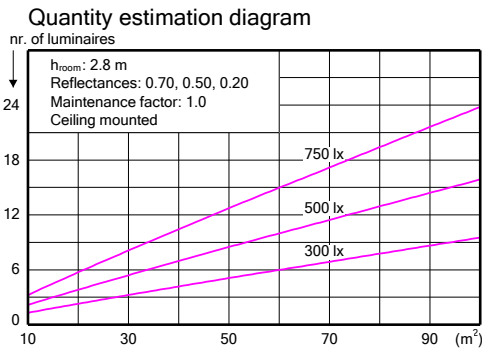
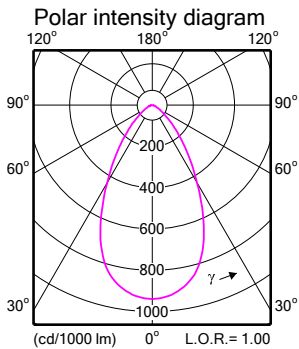
Plane Cone	0.0	45.0	90.0
45.0	13810	11308	12071
50.0	9150	7321	7870
55.0	5852	4567	4946
60.0	3569	2711	2959
65.0	2026	1493	1644
70.0	897	639	710
75.0	483	330	371
80.0	459	299	340
85.0	457	280	324
90.0	481	272	321

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 20LED TW 220V L21 DMX 1xLED 60

1 x 3090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16007	13107	13991
50.0	10746	8598	9242
55.0	7232	5644	6112
60.0	5152	3913	4271
65.0	3664	2701	2974
70.0	2418	1722	1914
75.0	1523	1042	1171
80.0	995	649	738
85.0	646	396	458
90.0	519	294	346

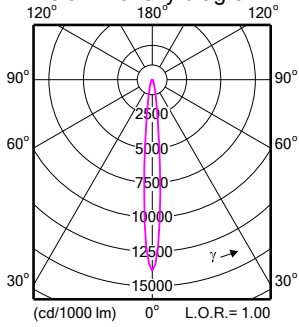
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 22K 220V L24 1xLED 10

1 x 3240 lm

Polar intensity diagram

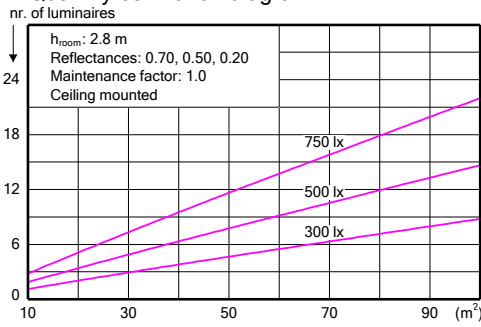


Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

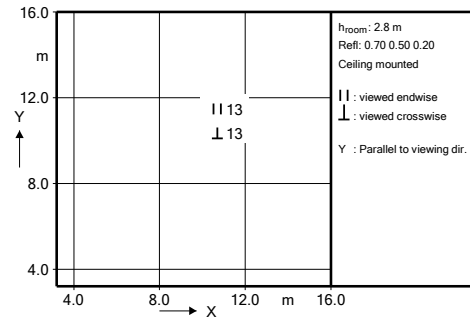


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6211	5007	5234
50.0	4549	3574	3753
55.0	3198	2443	2579
60.0	2190	1623	1722
65.0	1439	1030	1100
70.0	847	583	627
75.0	600	394	427
80.0	594	368	402
85.0	557	320	354
90.0	596	311	348

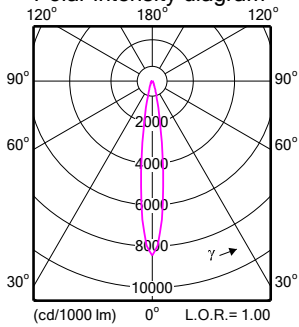
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 22K 220V L24 1xLED 15

1 x 3400 lm

Polar intensity diagram

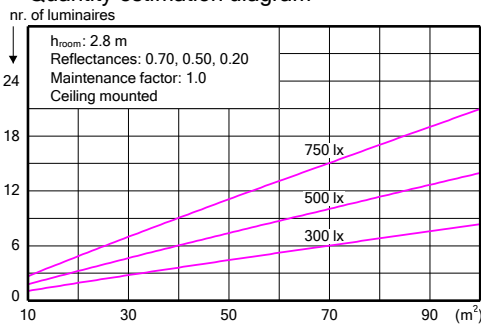


Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

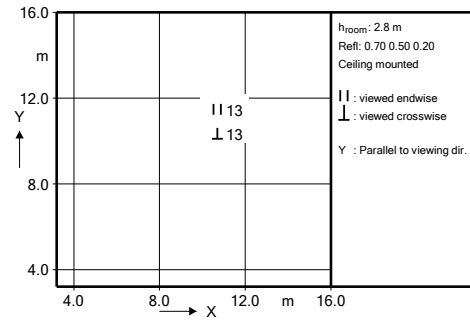


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

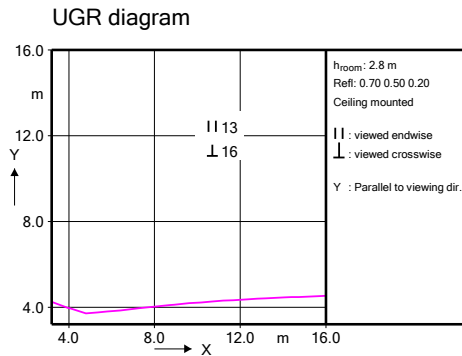
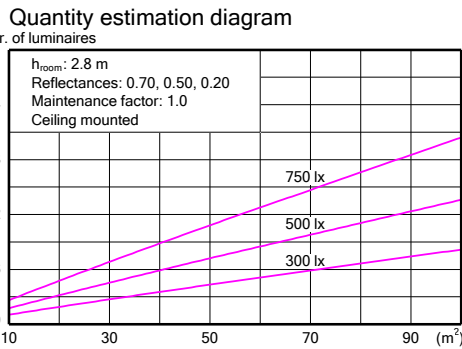
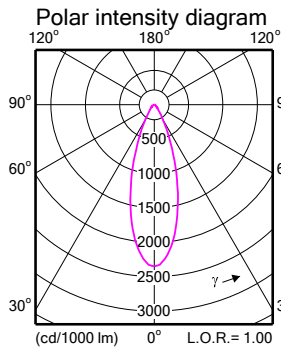
Plane Cone	0.0	45.0	90.0
45.0	6222	5016	5243
50.0	4669	3668	3853
55.0	3399	2597	2742
60.0	2317	1717	1822
65.0	1511	1082	1155
70.0	880	606	651
75.0	580	381	412
80.0	506	313	342
85.0	442	254	281
90.0	431	225	252

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 24LED 22K 220V L24 1xLED 30**

1 x 3520 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

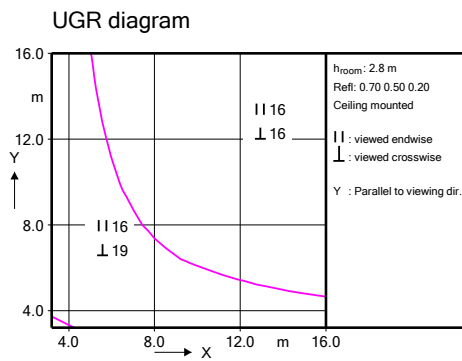
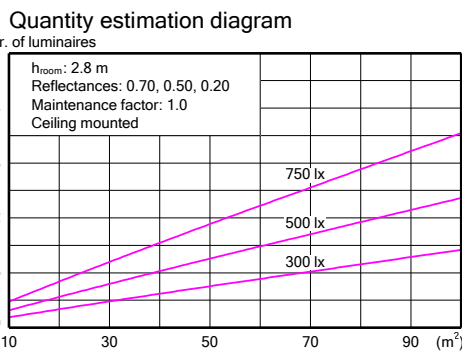
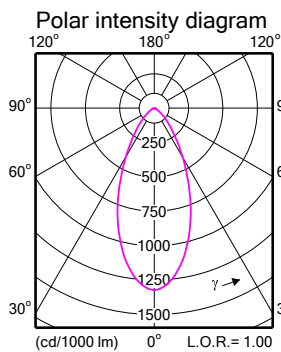
Plane Cone	0.0	45.0	90.0
45.0	7239	5836	6099
50.0	5668	4453	4677
55.0	4288	3277	3459
60.0	3119	2311	2453
65.0	2238	1602	1711
70.0	1503	1034	1111
75.0	1052	691	748
80.0	776	481	525
85.0	601	346	382
90.0	565	294	330

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 24LED 22K 220V L24 1xLED 45**

1 x 3400 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

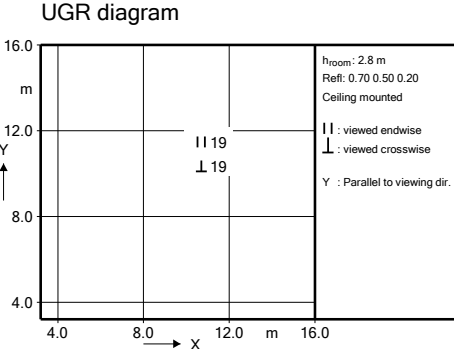
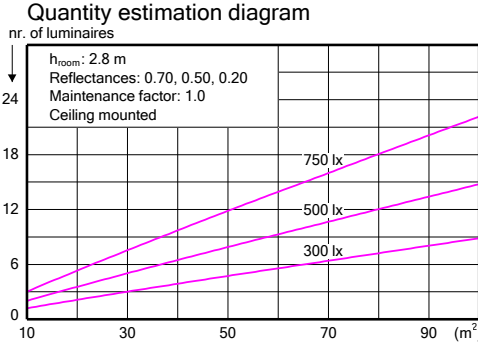
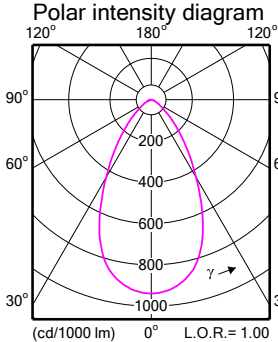
Plane Cone	0.0	45.0	90.0
45.0	13466	10856	11346
50.0	8966	7044	7397
55.0	5764	4404	4649
60.0	3537	2621	2782
65.0	2021	1447	1545
70.0	903	621	668
75.0	491	322	349
80.0	473	293	320
85.0	478	275	304
90.0	517	269	302

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 22K 220V L24 1xLED 60

1 x 3320 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

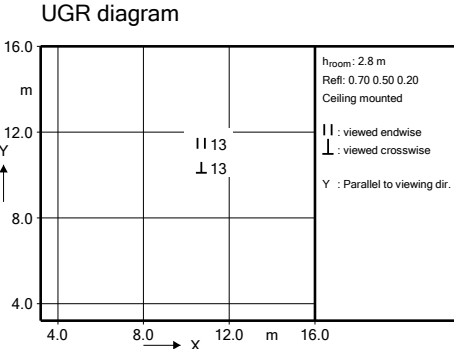
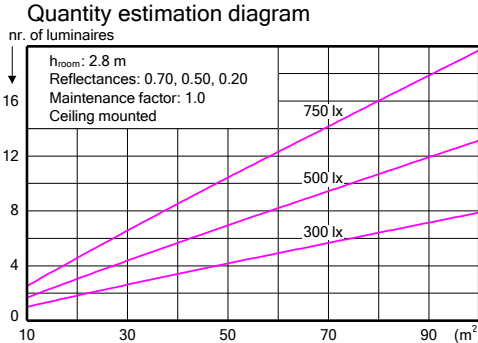
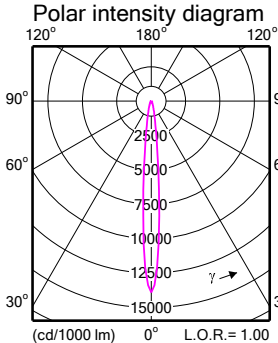
Plane Cone	0.0	45.0	90.0
45.0	15611	12585	13153
50.0	10531	8273	8689
55.0	7125	5444	5746
60.0	5106	3784	4016
65.0	3658	2618	2796
70.0	2434	1674	1800
75.0	1548	1016	1101
80.0	1025	635	694
85.0	677	390	431
90.0	558	291	325

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 27K 220V L24 1xLED 10

1 x 3615 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6930	5587	5839
50.0	5075	3987	4187
55.0	3568	2726	2877
60.0	2443	1810	1921
65.0	1606	1150	1228
70.0	945	651	699
75.0	670	440	476
80.0	445	304	325
85.0	304	204	220
90.0	220	154	165

(cd/m<sup>2</sup>)

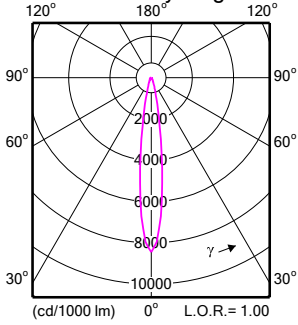
2021-08-30



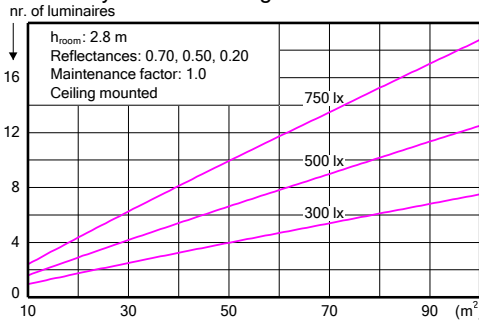
BVP359 S 24LED 27K 220V L24 1xLED 15

1 x 3795 lm

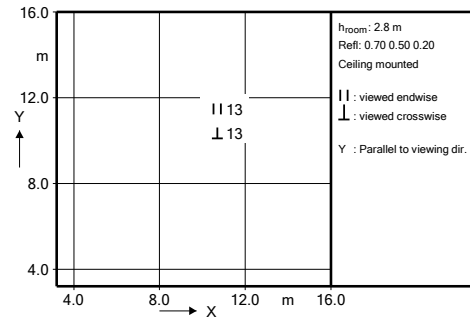
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.60	0.58	0.56	0.54
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.65	0.63	0.61	0.59
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.68	0.66	0.64	0.62
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.70	0.68	0.66	0.64
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.71	0.69	0.67	0.65
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.72	0.70	0.68	0.66
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.73	0.71	0.69	0.67
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.74	0.72	0.70	0.68
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.75	0.73	0.71	0.69
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.76	0.74	0.72	0.70

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6945	5599	5852
50.0	5212	4095	4300
55.0	3794	2899	3060
60.0	2586	1916	2034
65.0	1687	1208	1289
70.0	982	676	727
75.0	648	425	460
80.0	564	350	382
85.0	493	284	313
90.0	482	251	281

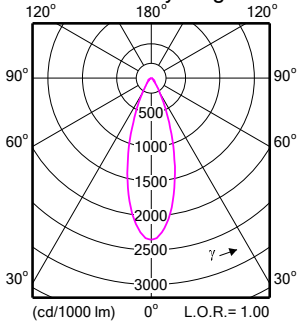
(cd/m2)

2021-08-30

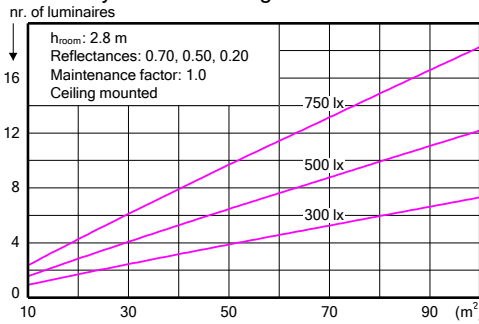
BVP359 S 24LED 27K 220V L24 1xLED 30

1 x 3930 lm

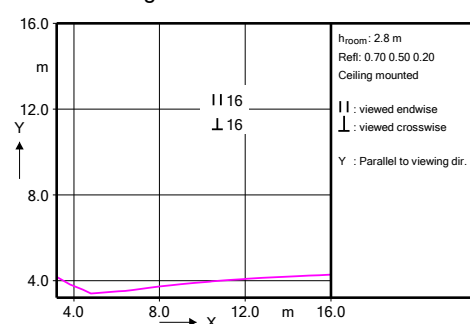
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.60	0.58	0.56	0.54
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.65	0.63	0.61	0.59
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.68	0.66	0.64	0.62
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.70	0.68	0.66	0.64
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.71	0.69	0.67	0.65
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.72	0.70	0.68	0.66
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.73	0.71	0.69	0.67
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.74	0.72	0.70	0.68
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.75	0.73	0.71	0.69
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.76	0.74	0.72	0.70

Ceiling mounted

Luminance Table

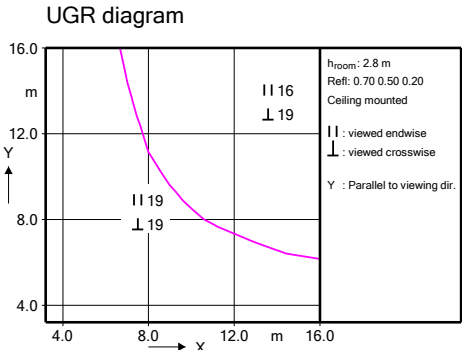
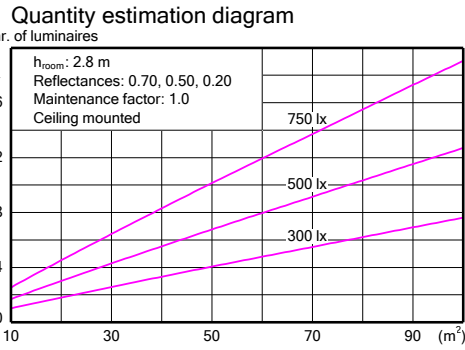
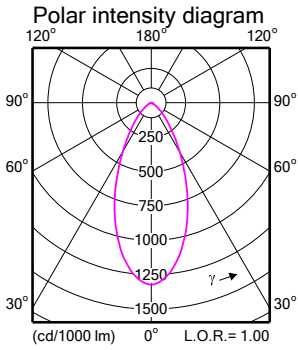
Plane Cone	0.0	45.0	90.0
45.0	8082	6516	6810
50.0	6329	4972	5222
55.0	4788	3658	3861
60.0	3483	2581	2739
65.0	2499	1789	1910
70.0	1678	1154	1241
75.0	1175	771	835
80.0	866	537	587
85.0	671	386	427
90.0	631	329	368

(cd/m2)

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1 x 3795 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

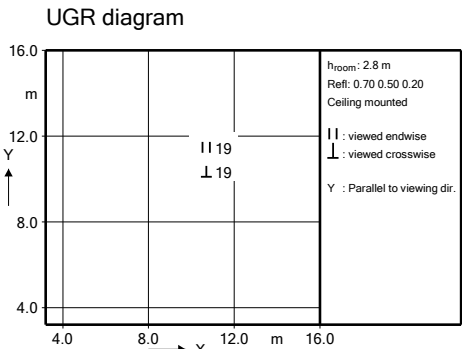
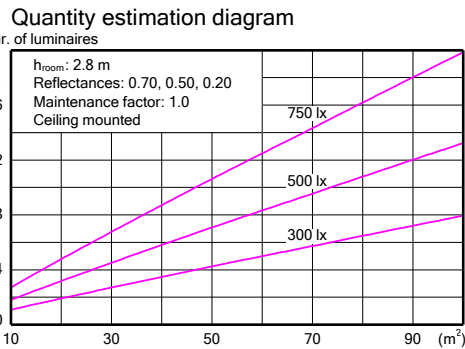
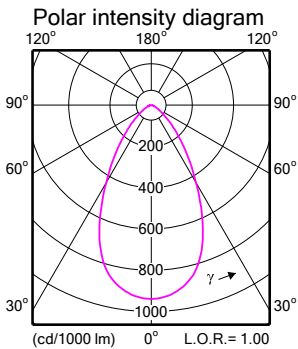
Plane Cone	0.0	45.0	90.0
45.0	15030	12117	12664
50.0	10007	7862	8257
55.0	6434	4916	5189
60.0	3948	2926	3105
65.0	2256	1615	1725
70.0	1008	693	745
75.0	548	360	390
80.0	528	327	357
85.0	534	307	339
90.0	577	301	337

(cd/m2)

2021-08-30

BVP359 S 24LED 27K 220V L24 1xLED 60

1 x 3705 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

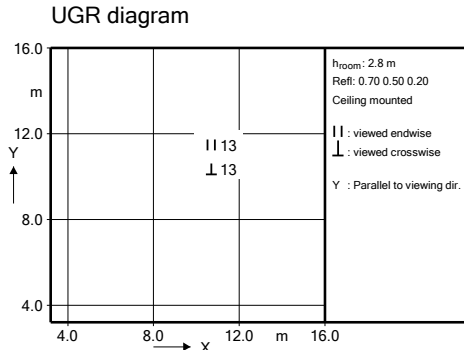
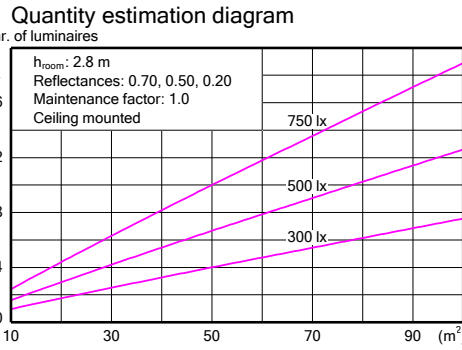
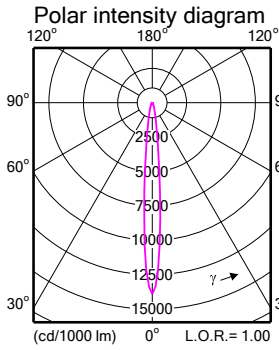
Plane Cone	0.0	45.0	90.0
45.0	17421	14044	14679
50.0	11752	9233	9696
55.0	7951	6075	6413
60.0	5688	4223	4481
65.0	4082	2922	3120
70.0	2716	1869	2008
75.0	1728	1134	1228
80.0	1144	709	775
85.0	756	435	480
90.0	623	324	363

(cd/m2)

2021-08-30

BVP359 S 24LED 30K 220V L24 1xLED 10

1 x 3770 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

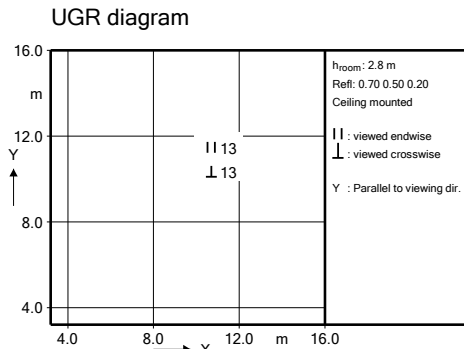
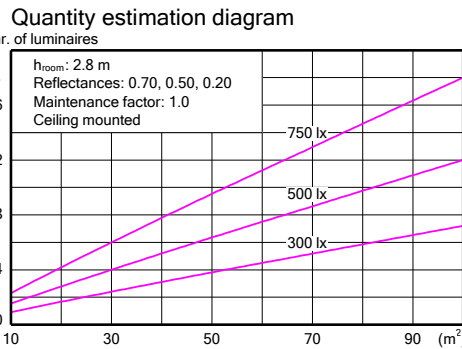
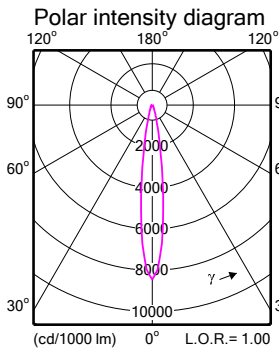
Plane Cone	0.0	45.0	90.0
45.0	7228	5827	6090
50.0	5293	4158	4367
55.0	3721	2843	3001
60.0	2548	1888	2004
65.0	1675	1199	1280
70.0	986	678	729
75.0	698	458	496
80.0	692	429	468
85.0	648	373	412
90.0	694	361	405

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 30K 220V L24 1xLED 15

1 x 3955 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

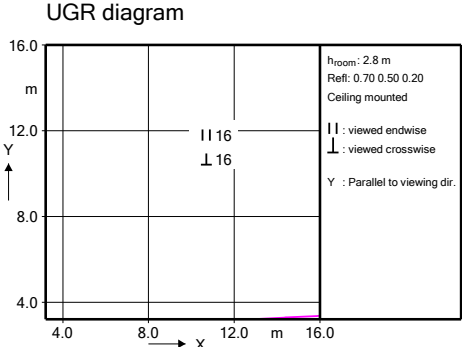
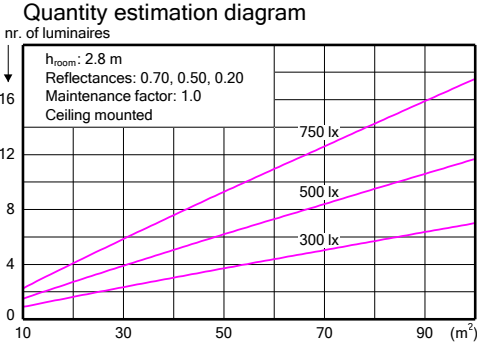
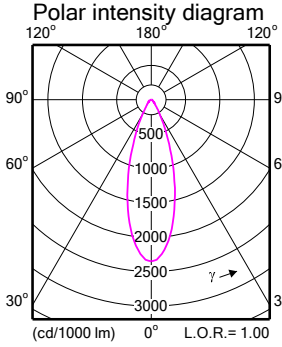
Plane Cone	0.0	45.0	90.0
45.0	7238	5835	6099
50.0	5432	4267	4481
55.0	3954	3021	3189
60.0	2695	1997	2119
65.0	1758	1258	1344
70.0	1024	704	757
75.0	675	443	480
80.0	588	364	398
85.0	514	296	327
90.0	502	261	293

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 30K 220V L24 1xLED 30

1 x 4100 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

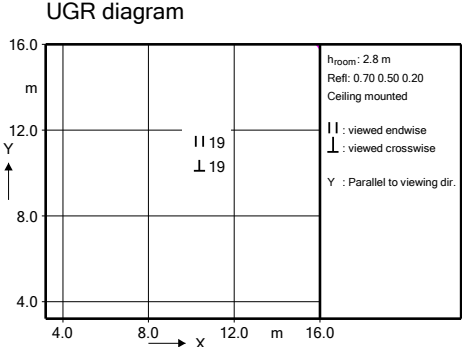
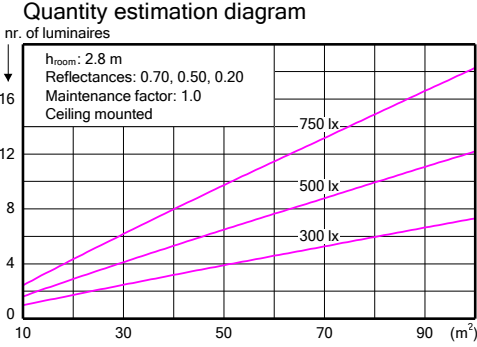
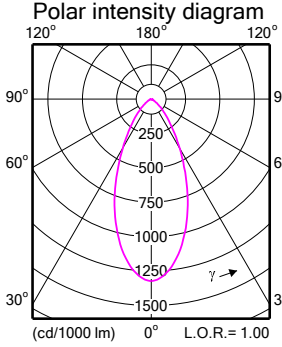
Plane Cone	0.0	45.0	90.0
45.0	8432	6797	7104
50.0	6602	5187	5448
55.0	4995	3817	4028
60.0	3633	2692	2857
65.0	2607	1866	1992
70.0	1750	1204	1294
75.0	1225	804	871
80.0	904	560	612
85.0	700	403	445
90.0	658	343	384

(cd/m2)

2021-08-30

BVP359 S 24LED 30K 220V L24 1xLED 45

1 x 3955 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

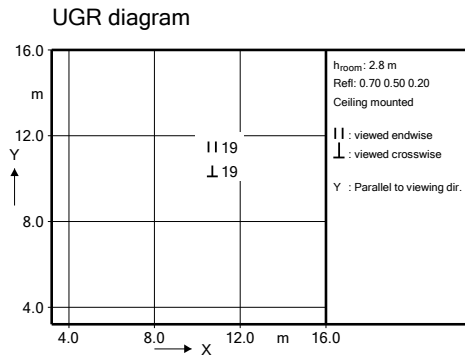
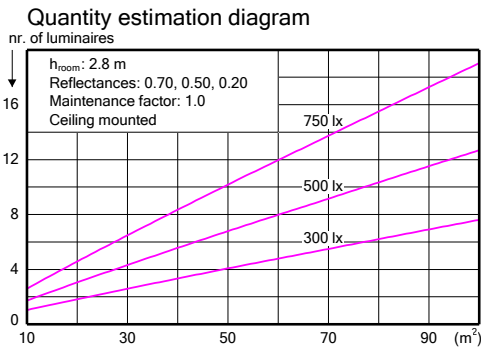
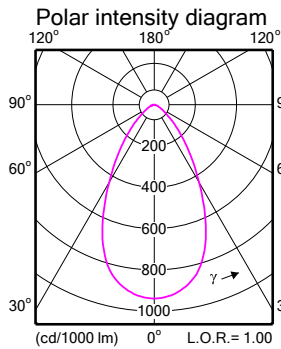
Plane Cone	0.0	45.0	90.0
45.0	15664	12628	13198
50.0	10429	8194	8605
55.0	6705	5123	5408
60.0	4115	3049	3236
65.0	2351	1683	1797
70.0	1050	722	777
75.0	571	375	406
80.0	550	341	372
85.0	556	320	354
90.0	602	313	351

(cd/m2)

2021-08-30

BVP359 S 24LED 30K 220V L24 1xLED 60

1 x 3865 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.96	0.94	0.95	0.93	0.91
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.99	0.89	0.97	0.92	0.89
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	1.00	0.99	0.98	0.97	0.95
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	1.01	1.00	1.00	0.99	0.97
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	1.02	1.01	1.01	1.00	0.98
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	1.03	1.02	1.02	1.01	0.99
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.04	1.03	1.03	1.02	1.00
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.04	1.03	1.03	1.02	1.00
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.04	1.03	1.03	1.02	1.00

Ceiling mounted

Luminance Table

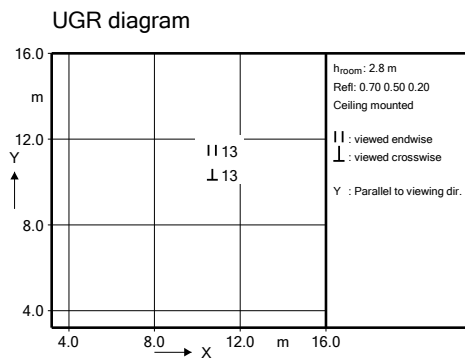
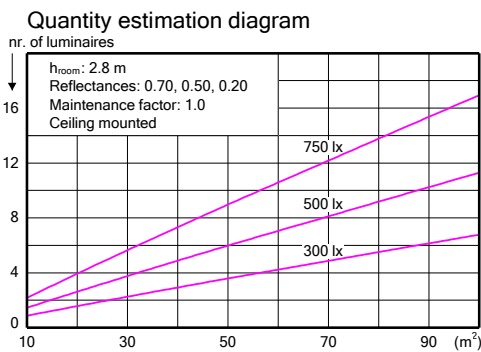
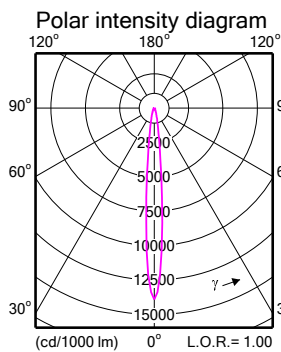
Plane Cone	0.0	45.0	90.0
45.0	18173	14651	15313
50.0	12259	9631	10115
55.0	8295	6338	6690
60.0	5945	4405	4675
65.0	4258	3048	3254
70.0	2833	1949	2095
75.0	1802	1183	1281
80.0	1193	740	808
85.0	788	454	501
90.0	650	338	379

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 40K 220V L24 1xLED 10

1 x 4205 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.96	0.94	0.95	0.93	0.91
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.99	0.89	0.97	0.92	0.89
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	1.00	0.99	0.98	0.97	0.95
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.01	1.00	1.00	0.99	0.97
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	1.02	1.01	1.01	1.00	0.98
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	1.03	1.02	1.02	1.01	0.99
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.04	1.03	1.03	1.02	1.00
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.04	1.03	1.03	1.02	1.00
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.04	1.03	1.03	1.02	1.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8061	6499	6793
50.0	5904	4638	4871
55.0	4150	3171	3347
60.0	2842	2106	2235
65.0	1868	1337	1428
70.0	1100	757	813
75.0	779	511	554
80.0	771	478	522
85.0	722	416	459
90.0	774	403	451

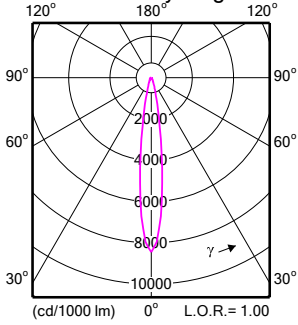
(cd/m<sup>2</sup>)

2021-08-30

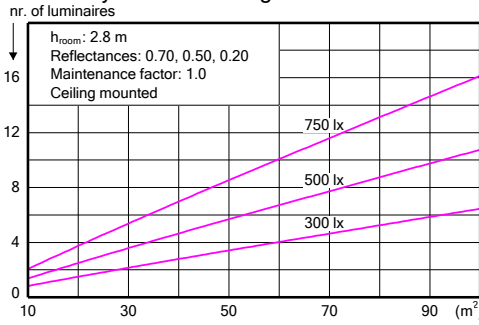
BVP359 S 24LED 40K 220V L24 1xLED 15

1 x 4415 lm

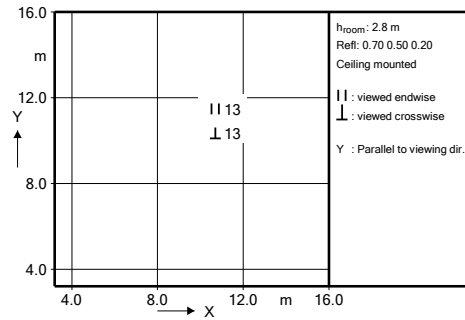
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																						
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00							
0.60	0.80	0.80	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.80	0.80	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.25	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
1.50	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	2.00	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
2.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	3.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
3.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	4.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99
4.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	5.00											

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8080	6514	6808
50.0	6063	4764	5003
55.0	4414	3373	3560
60.0	3008	2229	2366
65.0	1962	1405	1500
70.0	1143	786	845
75.0	753	495	536
80.0	656	407	444
85.0	573	330	365
90.0	560	292	327

(cd/m2)

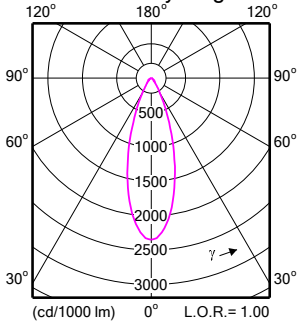
Ceiling mounted

2021-08-30

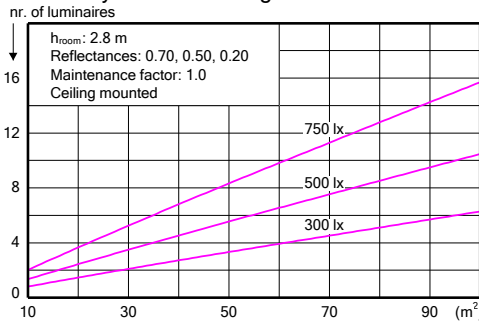
BVP359 S 24LED 40K 220V L24 1xLED 30

1 x 4575 lm

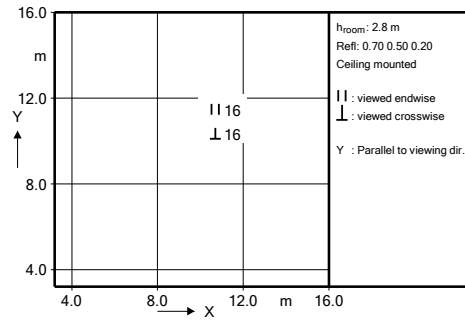
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																						
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00							
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
0.80	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.00	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.25	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
1.50	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	2.00	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
2.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	3.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
3.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	4.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97
4.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	5.00											

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9409	7585	7928
50.0	7367	5788	6079
55.0	5574	4259	4495
60.0	4054	3004	3188
65.0	2909	2082	2223
70.0	1953	1344	1444
75.0	1367	898	972
80.0	1009	625	683
85.0	781	450	497
90.0	734	383	428

(cd/m2)

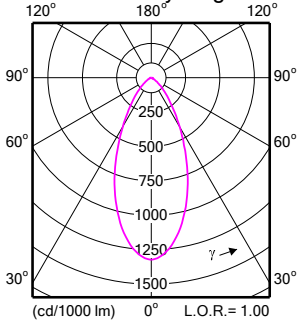
Ceiling mounted

2021-08-30

BVP359 S 24LED 40K 220V L24 1xLED 45

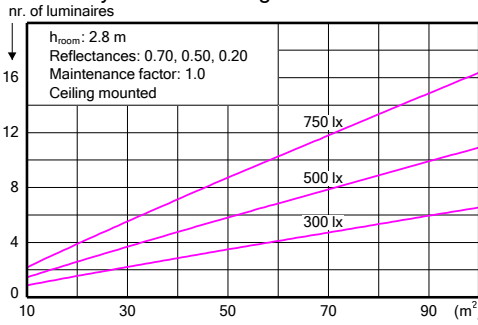
1 x 4415 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

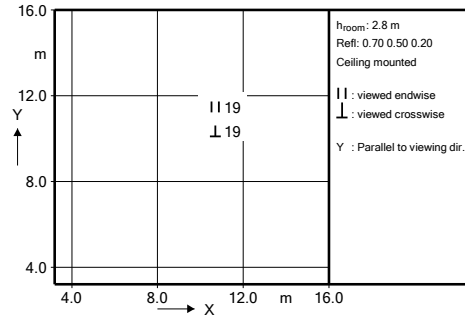


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	17486	14097	14734
50.0	11642	9146	9606
55.0	7485	5719	6037
60.0	4593	3404	3612
65.0	2625	1879	2006
70.0	1172	807	867
75.0	637	418	453
80.0	614	380	416
85.0	621	358	395
90.0	672	350	392

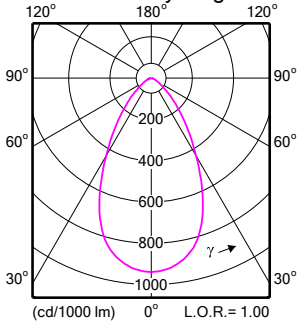
(cd/m2)

2021-08-30

BVP359 S 24LED 40K 220V L24 1xLED 60

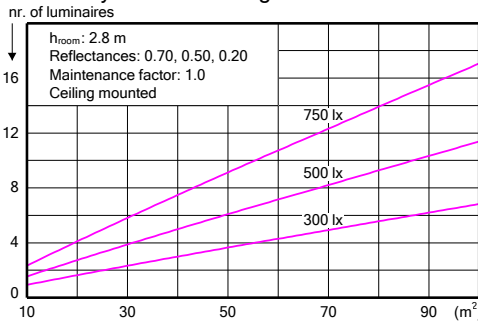
1 x 4310 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Quantity estimation diagram

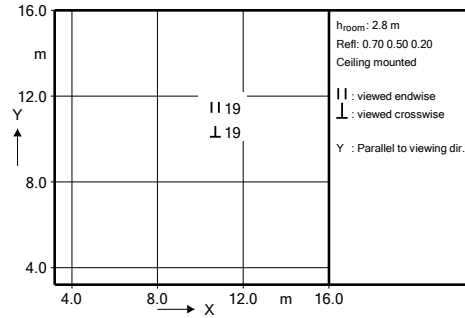


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

UGR diagram



Luminance Table

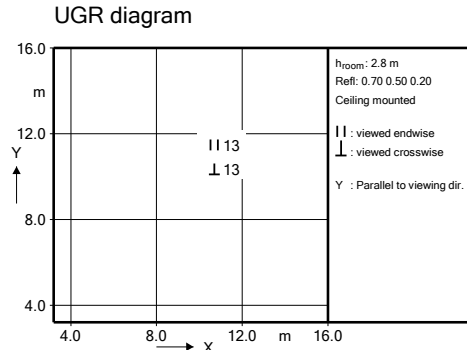
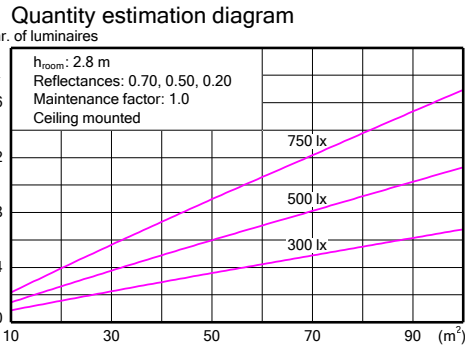
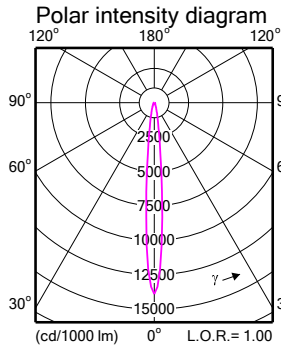
Plane Cone	0.0	45.0	90.0
45.0	20266	16338	17076
50.0	13671	10740	11280
55.0	9250	7067	7460
60.0	6629	4912	5213
65.0	4748	3399	3629
70.0	3159	2174	2336
75.0	2010	1319	1429
80.0	1331	825	901
85.0	879	506	559
90.0	724	377	423

(cd/m2)

2021-08-30

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1 x 4205 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30			0.00	
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.74	0.76	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.79	0.81	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.83	0.85	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.86	0.88	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.92	0.93	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.95	0.96	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.97	0.98	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.99	1.00	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.01	1.01	0.99

Ceiling mounted

Luminance Table

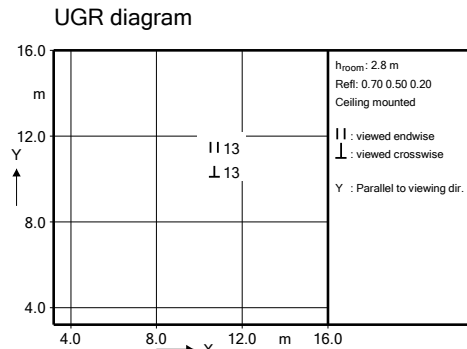
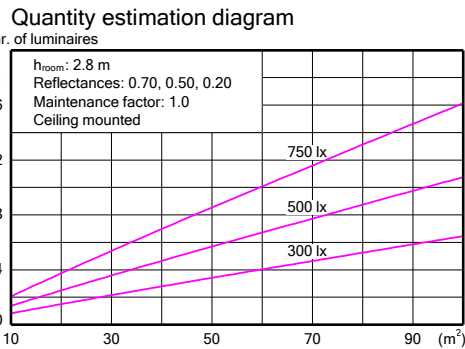
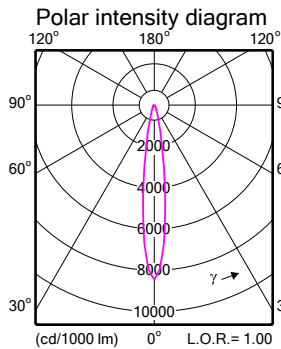
Plane Cone	0.0	45.0	90.0
45.0	8061	6499	6793
50.0	5904	4638	4871
55.0	4150	3171	3347
60.0	2842	2106	2235
65.0	1868	1337	1428
70.0	1100	757	813
75.0	779	511	554
80.0	771	478	522
85.0	722	416	459
90.0	774	403	451

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 50K 220V L24 1xLED 15

1 x 4415 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30			0.00	
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.00	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.74	0.76	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.79	0.81	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.83	0.85	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.86	0.88	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.92	0.93	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.95	0.96	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.97	0.98	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.99	1.00	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8080	6514	6808
50.0	6063	4764	5003
55.0	4414	3373	3560
60.0	3008	2229	2366
65.0	1962	1405	1500
70.0	1143	786	845
75.0	753	495	536
80.0	656	407	444
85.0	573	330	365
90.0	560	292	327

(cd/m<sup>2</sup>)

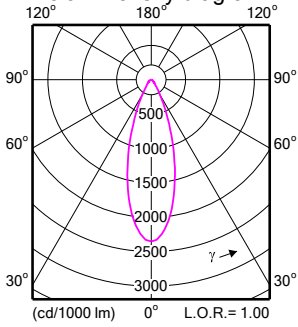
2021-08-30



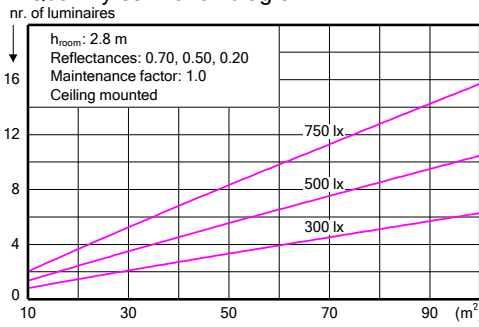
BVP359 S 24LED 50K 220V L24 1xLED 30

1 x 4575 lm

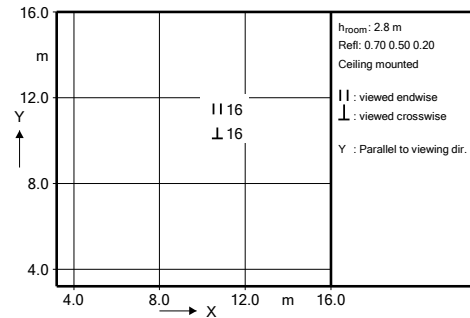
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9409	7585	7928
50.0	7367	5788	6079
55.0	5574	4259	4495
60.0	4054	3004	3188
65.0	2909	2082	2223
70.0	1953	1344	1444
75.0	1367	898	972
80.0	1009	625	683
85.0	781	450	497
90.0	734	383	428

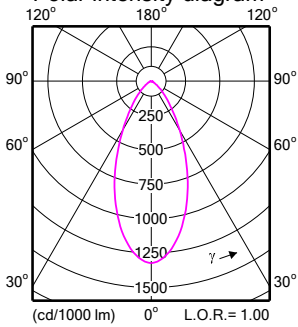
(cd/m2)

2021-08-30

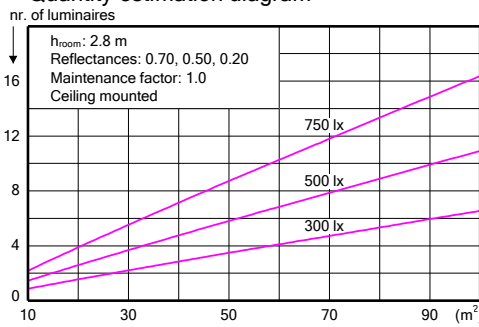
BVP359 S 24LED 50K 220V L24 1xLED 45

1 x 4415 lm

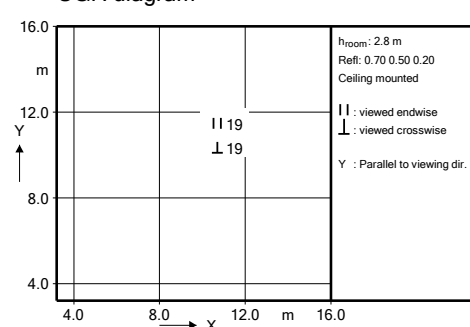
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

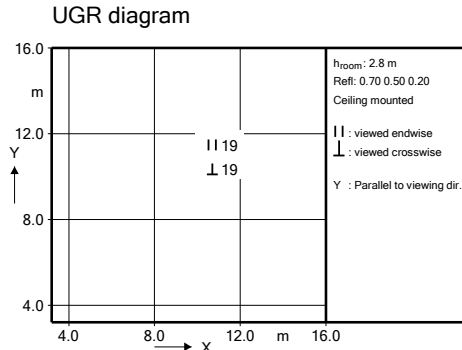
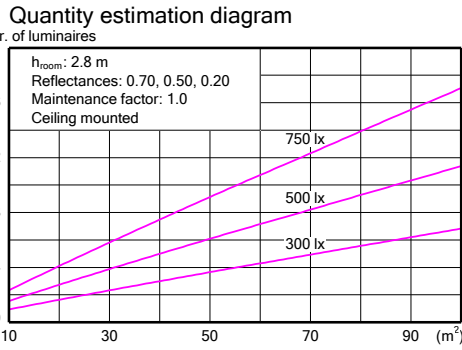
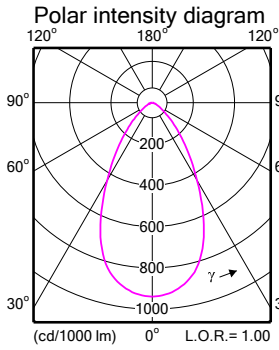
Plane Cone	0.0	45.0	90.0
45.0	17486	14097	14734
50.0	11642	9146	9606
55.0	7485	5719	6037
60.0	4593	3404	3612
65.0	2625	1879	2006
70.0	1172	807	867
75.0	637	418	453
80.0	614	380	416
85.0	621	358	395
90.0	672	350	392

(cd/m2)

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BVP359 S 24LED 50K 220V L24 1xLED 60

1 x 4310 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

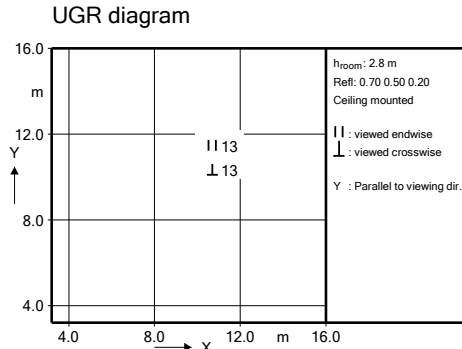
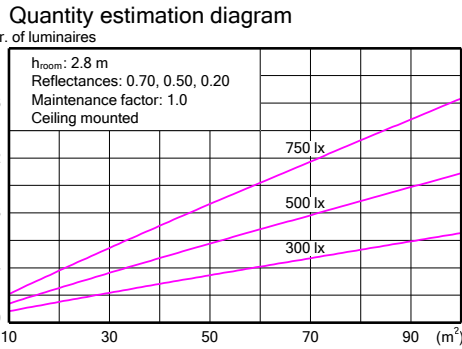
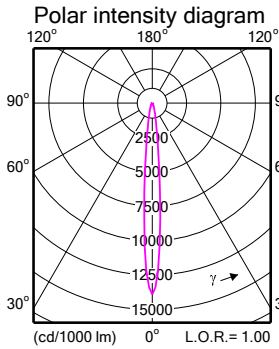
Plane Cone	0.0	45.0	90.0
45.0	20266	16338	17076
50.0	13671	10740	11280
55.0	9250	7067	7460
60.0	6629	4912	5213
65.0	4748	3399	3629
70.0	3159	2174	2336
75.0	2010	1319	1429
80.0	1331	825	901
85.0	879	506	559
90.0	724	377	423

(cd/m<sup>2</sup>)

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BVP359 S 24LED 57K 220V L24 1xLED 10

1 x 4360 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.02	1.01	0.99	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.03	1.02	0.99	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8359	6738	7043
50.0	6121	4809	5050
55.0	4303	3288	3470
60.0	2947	2184	2317
65.0	1937	1387	1481
70.0	1140	785	843
75.0	808	530	574
80.0	800	496	542
85.0	749	431	476
90.0	802	418	468

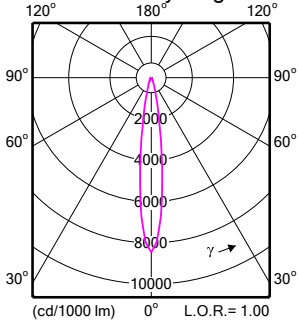
(cd/m<sup>2</sup>)

2021-08-30

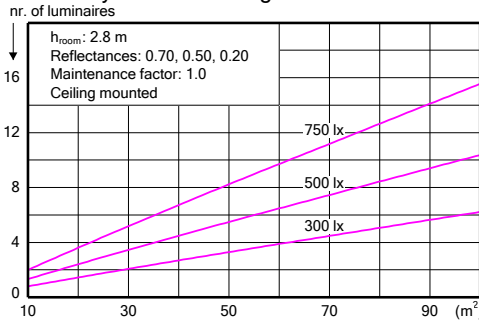
BVP359 S 24LED 57K 220V L24 1xLED 15

1 x 4580 lm

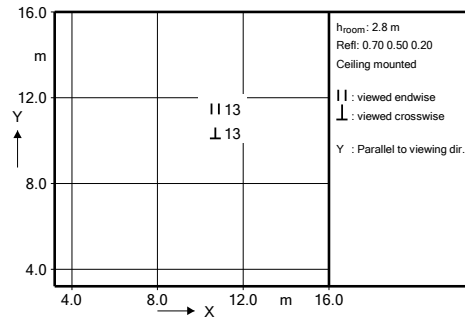
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8382	6757	7062
50.0	6290	4942	5190
55.0	4579	3499	3693
60.0	3121	2313	2454
65.0	2036	1457	1556
70.0	1186	816	877
75.0	781	513	556
80.0	681	422	461
85.0	595	342	378
90.0	581	303	339

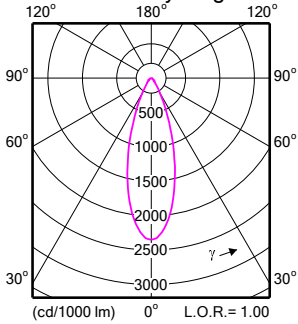
(cd/m2)

2021-08-30

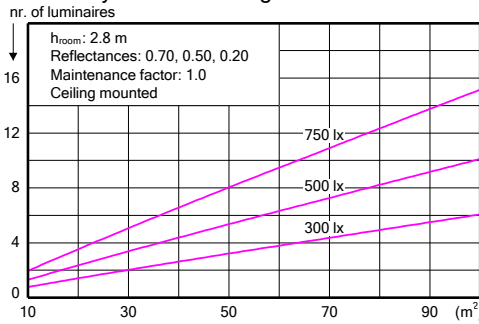
BVP359 S 24LED 57K 220V L24 1xLED 30

1 x 4740 lm

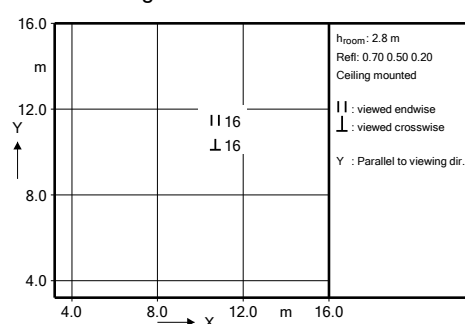
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

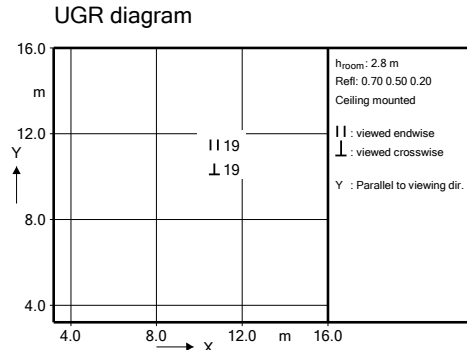
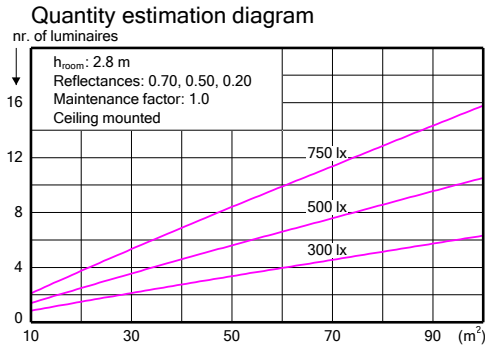
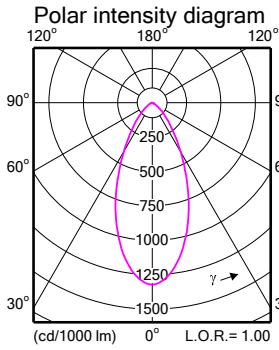
Plane Cone	0.0	45.0	90.0
45.0	9748	7858	8213
50.0	7633	5997	6298
55.0	5775	4412	4657
60.0	4200	3113	3303
65.0	3014	2157	2303
70.0	2024	1392	1496
75.0	1417	930	1007
80.0	1045	648	708
85.0	810	466	515
90.0	761	396	444

(cd/m2)

2021-08-30

BVP359 S 24LED 57K 220V L24 1xLED 45

1 x 4580 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

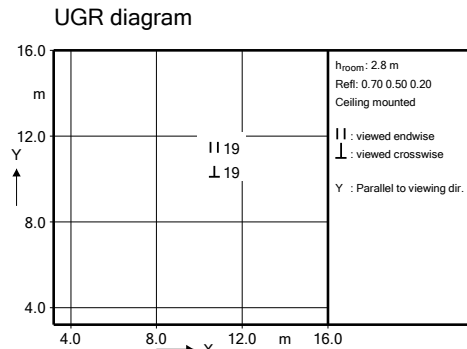
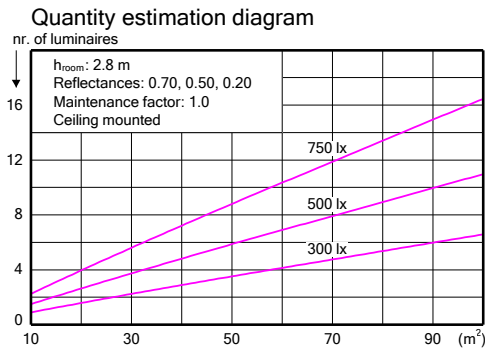
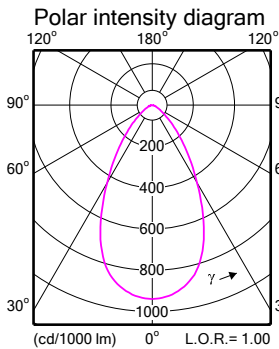
Plane Cone	0.0	45.0	90.0
45.0	18139	14624	15284
50.0	12077	9488	9965
55.0	7765	5933	6262
60.0	4765	3531	3747
65.0	2723	1949	2081
70.0	1216	837	899
75.0	661	434	470
80.0	637	395	431
85.0	644	371	410
90.0	697	363	406

(cd/m2)

2021-08-30

BVP359 S 24LED 57K 220V L24 1xLED 60

1 x 4470 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

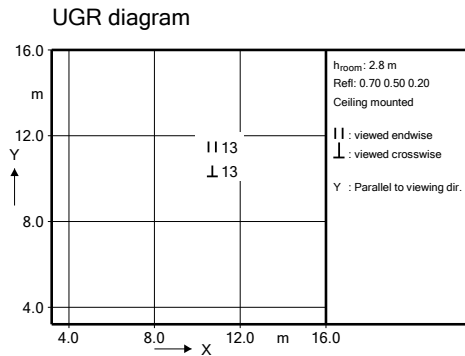
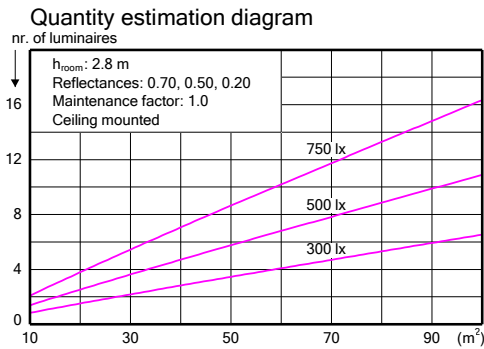
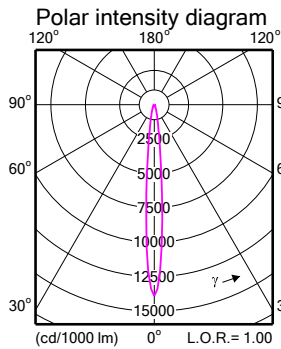
Plane Cone	0.0	45.0	90.0
45.0	21018	16944	17710
50.0	14178	11139	11698
55.0	9593	7330	7737
60.0	6875	5094	5407
65.0	4924	3525	3764
70.0	3276	2254	2423
75.0	2084	1368	1482
80.0	1380	855	935
85.0	912	525	580
90.0	751	391	438

(cd/m2)

2021-08-30

BVP359 S 24LED 65K 220V L24 1xLED 10

1 x 4360 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

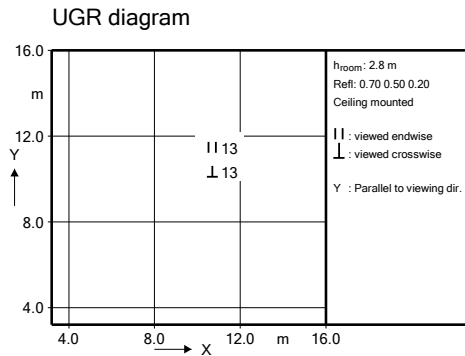
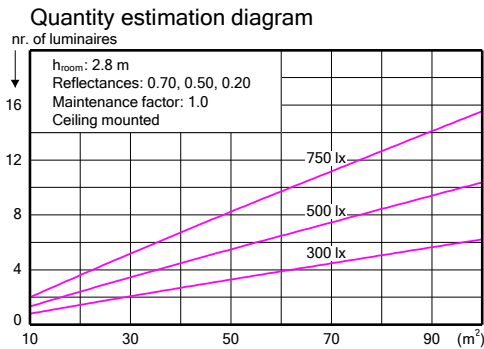
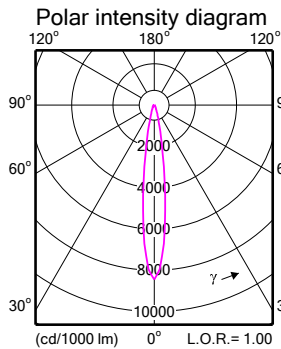
Plane Cone	0.0	45.0	90.0
45.0	8359	6738	7043
50.0	6121	4809	5050
55.0	4303	3288	3470
60.0	2947	2184	2317
65.0	1937	1387	1481
70.0	1140	785	843
75.0	808	530	574
80.0	800	496	542
85.0	749	431	476
90.0	802	418	468

(cd/m2)

2021-08-30

BVP359 S 24LED 65K 220V L24 1xLED 15

1 x 4580 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

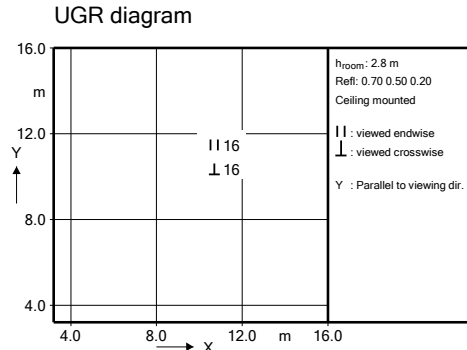
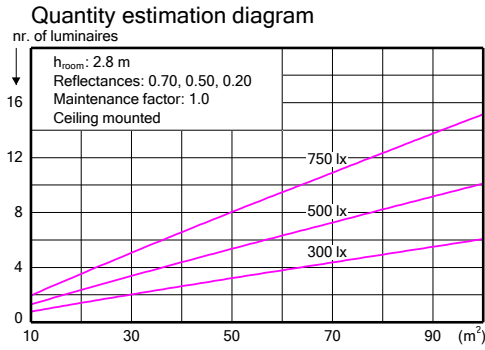
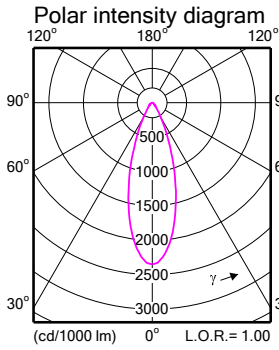
Plane Cone	0.0	45.0	90.0
45.0	8382	6757	7062
50.0	6290	4942	5190
55.0	4579	3499	3693
60.0	3121	2313	2454
65.0	2036	1457	1556
70.0	1186	816	877
75.0	781	513	556
80.0	681	422	461
85.0	595	342	378
90.0	581	303	339

(cd/m2)

2021-08-30

BVP359 S 24LED 65K 220V L24 1xLED 30

1 x 4740 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

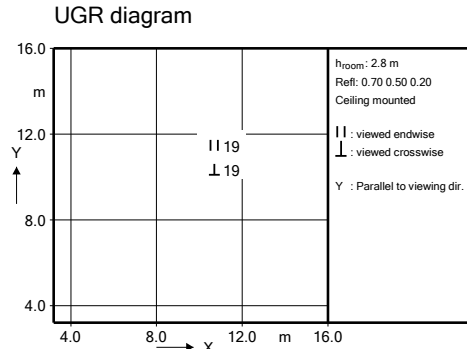
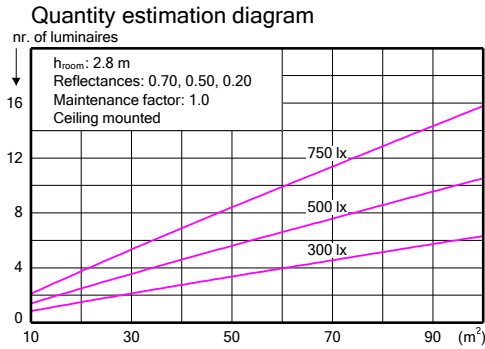
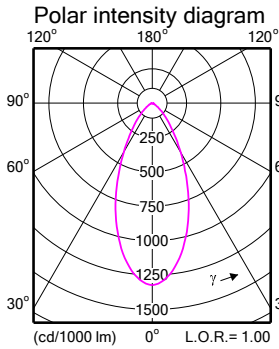
Plane Cone	0.0	45.0	90.0
45.0	9748	7858	8213
50.0	7633	5997	6298
55.0	5775	4412	4657
60.0	4200	3113	3303
65.0	3014	2157	2303
70.0	2024	1392	1496
75.0	1417	930	1007
80.0	1045	648	708
85.0	810	466	515
90.0	761	396	444

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED 65K 220V L24 1xLED 45

1 x 4580 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18139	14624	15284
50.0	12077	9488	9965
55.0	7765	5933	6262
60.0	4765	3531	3747
65.0	2723	1949	2081
70.0	1216	837	899
75.0	661	434	470
80.0	637	395	431
85.0	644	371	410
90.0	697	363	406

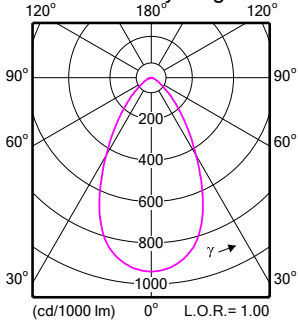
(cd/m<sup>2</sup>)

2021-08-30

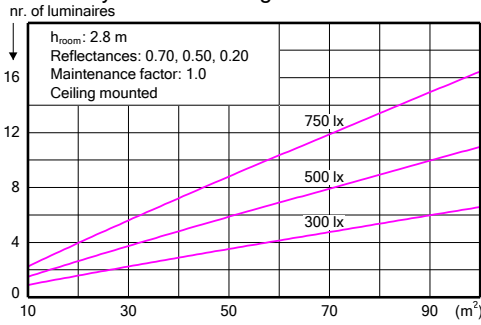
BVP359 S 24LED 65K 220V L24 1xLED 60

1 x 4470 lm

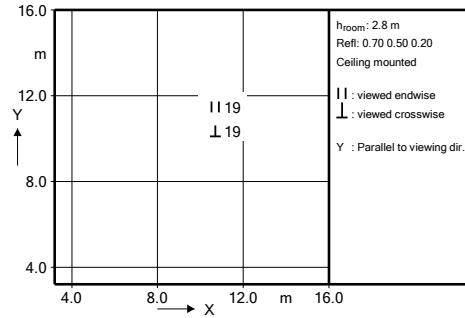
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.75	0.72	0.74	0.71	0.70
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.80	0.77	0.79	0.77	0.75
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.84	0.81	0.83	0.81	0.79
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.90	0.88	0.89	0.87	0.85
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.93	0.92	0.92	0.91	0.89
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.96	0.94	0.95	0.93	0.91
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.98	0.97	0.97	0.96	0.94
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21018	16944	17710
50.0	14178	11139	11698
55.0	9593	7330	7737
60.0	6875	5094	5407
65.0	4924	3525	3764
70.0	3276	2254	2423
75.0	2084	1368	1482
80.0	1380	855	935
85.0	912	525	580
90.0	751	391	438

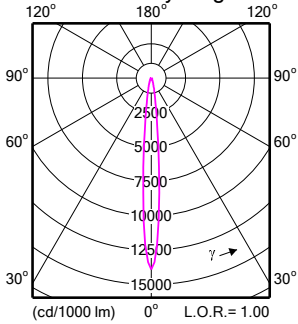
(cd/m<sup>2</sup>)

2021-08-30

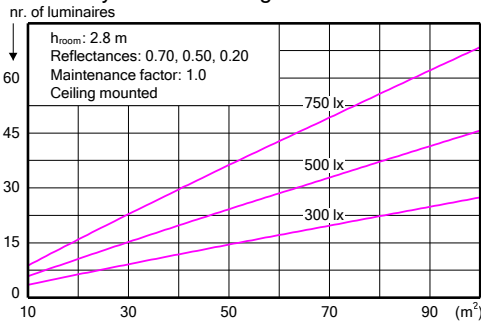
BVP359 S 24LED BL 220V L24 1xLED 10

1 x 1040 lm

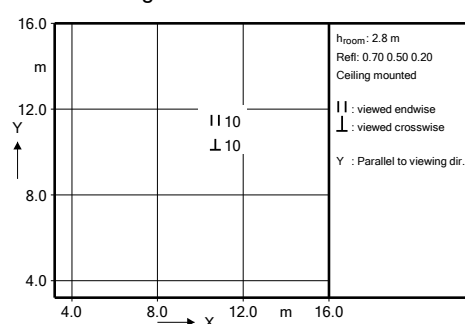
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.00	0.99	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

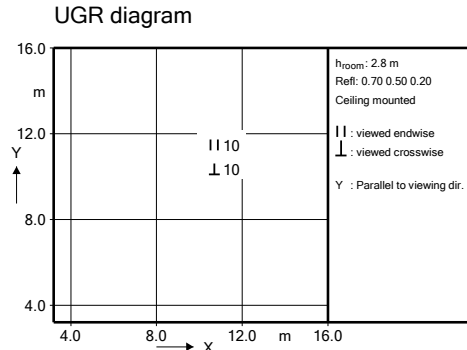
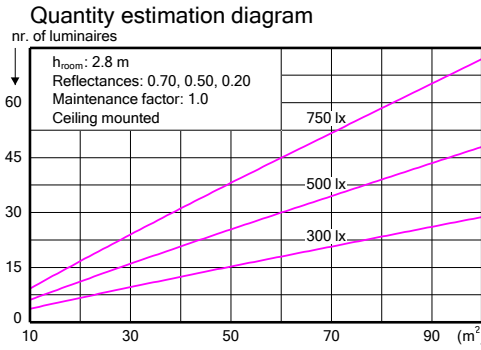
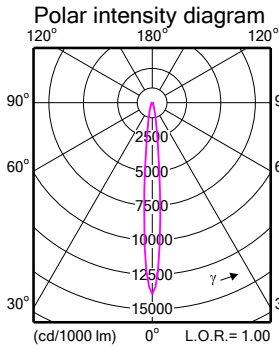
Plane Cone	0.0	45.0	90.0
45.0	1994	1607	1680
50.0	1460	1147	1205
55.0	1026	784	828
60.0	703	521	553
65.0	462	331	353
70.0	272	187	201
75.0	193	126	137
80.0	191	118	129
85.0	179	103	114
90.0	191	100	112

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED BL 220V L24 DMX 1xLED 10

1 x 990 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

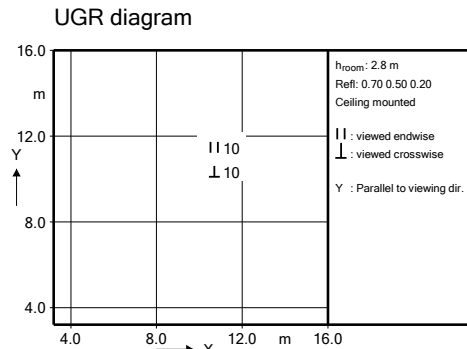
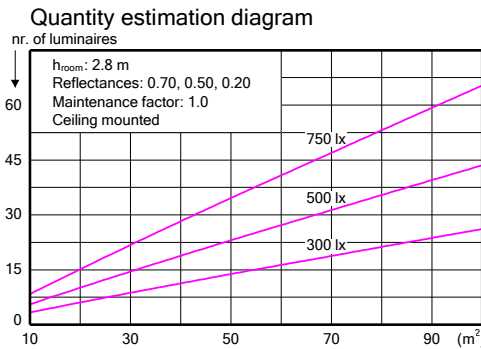
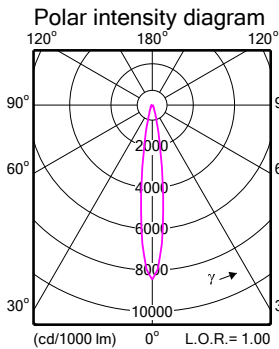
Plane Cone	0.0	45.0	90.0
45.0	1898	1530	1599
50.0	1390	1092	1147
55.0	977	747	788
60.0	669	496	526
65.0	440	315	336
70.0	259	178	191
75.0	183	120	130
80.0	182	113	123
85.0	170	98	108
90.0	182	95	106

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 24LED BL 220V L24 1xLED 15

1 x 1090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1995	1608	1681
50.0	1497	1176	1235
55.0	1090	833	879
60.0	743	550	584
65.0	484	347	370
70.0	282	194	209
75.0	186	122	132
80.0	162	100	110
85.0	142	81	90
90.0	138	72	81

(cd/m<sup>2</sup>)

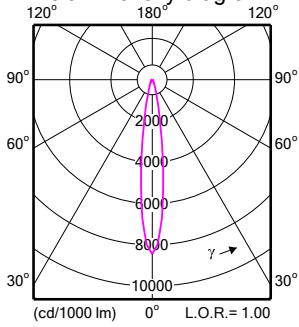
2021-08-30



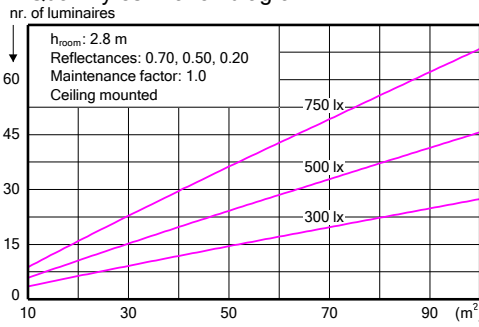
BVP359 S 24LED BL 220V L24 DMX 1xLED 15

1 x 1040 lm

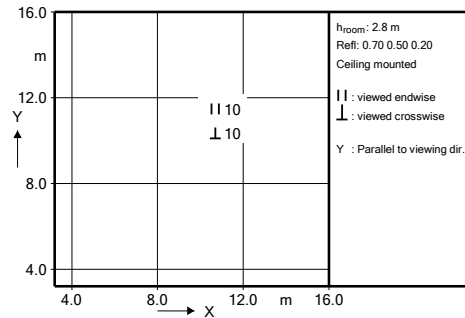
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1903	1534	1604
50.0	1428	1122	1178
55.0	1040	794	839
60.0	709	525	557
65.0	462	331	353
70.0	269	185	199
75.0	177	116	126
80.0	155	96	105
85.0	135	78	86
90.0	132	69	77

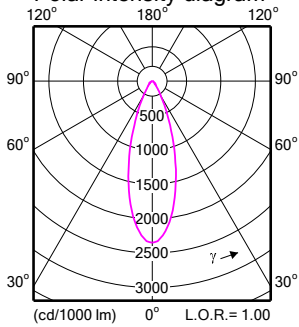
(cd/m2)

2021-08-30

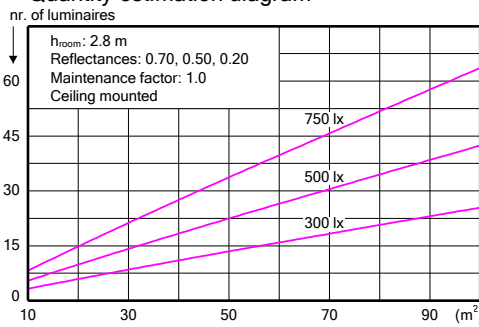
BVP359 S 24LED BL 220V L24 1xLED 30

1 x 1130 lm

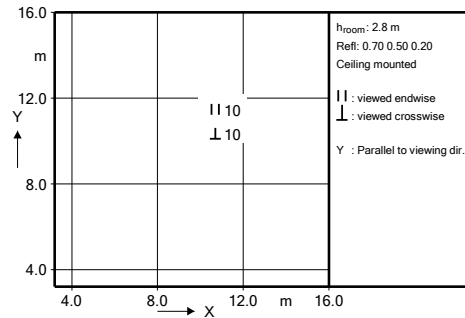
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2324	1873	1958
50.0	1820	1430	1501
55.0	1377	1052	1110
60.0	1001	742	787
65.0	718	514	549
70.0	482	332	357
75.0	338	222	240
80.0	249	154	169
85.0	193	111	123
90.0	181	94	106

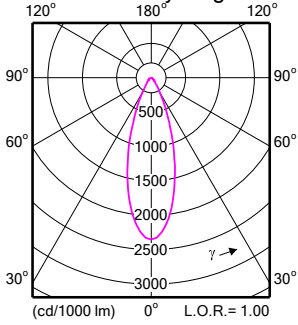
(cd/m2)

2021-08-30

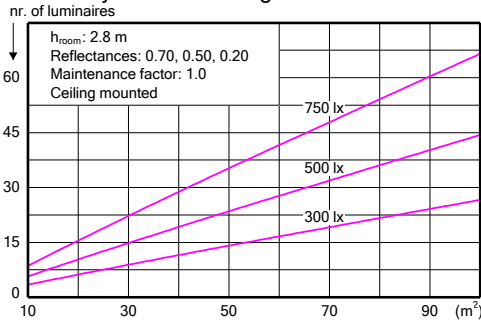
BVP359 S 24LED BL 220V L24 DMX 1xLED 30

1 x 1080 lm

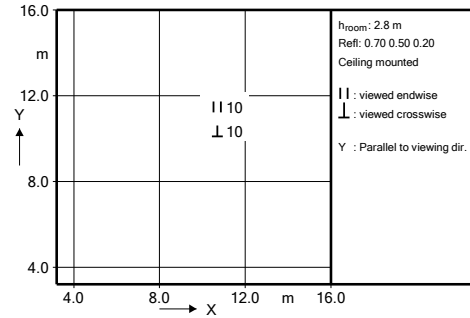
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2221	1791	1871
50.0	1739	1366	1435
55.0	1316	1005	1061
60.0	957	709	753
65.0	687	492	525
70.0	461	317	341
75.0	323	212	229
80.0	238	148	161
85.0	184	106	117
90.0	173	90	101

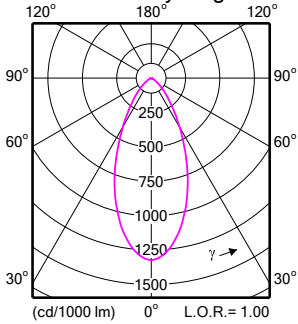
(cd/m2)

2021-08-30

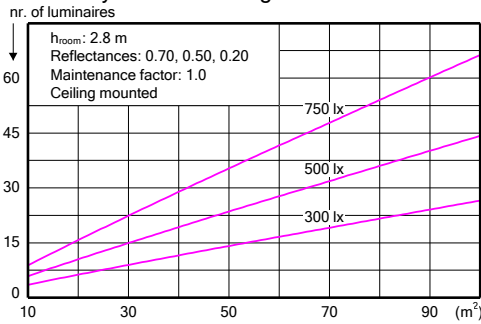
BVP359 S 24LED BL 220V L24 1xLED 45

1 x 1090 lm

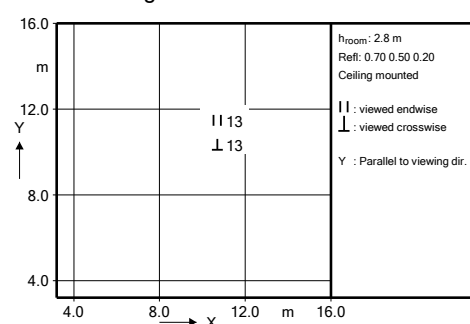
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4317	3480	3637
50.0	2874	2258	2372
55.0	1848	1412	1490
60.0	1134	840	892
65.0	648	464	495
70.0	289	199	214
75.0	157	103	112
80.0	152	94	103
85.0	153	88	98
90.0	166	86	97

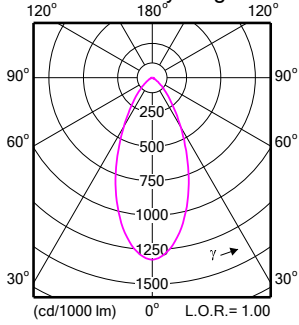
(cd/m2)

2021-08-30

BVP359 S 24LED BL 220V L24 DMX 1xLED 45

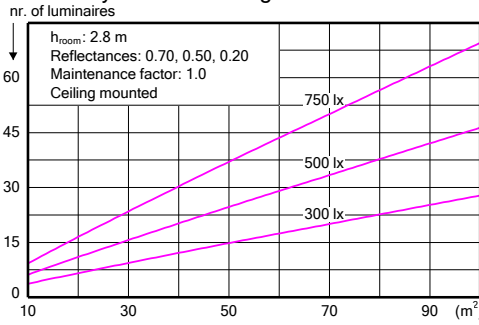
1 x 1040 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 1000 cd/m2

Quantity estimation diagram

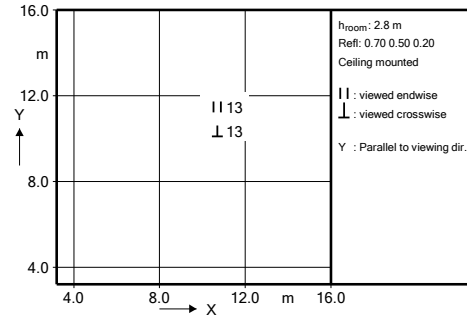


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4119	3321	3471
50.0	2742	2155	2263
55.0	1763	1347	1422
60.0	1082	802	851
65.0	618	443	473
70.0	276	190	204
75.0	150	99	107
80.0	145	90	98
85.0	146	84	93
90.0	158	82	92

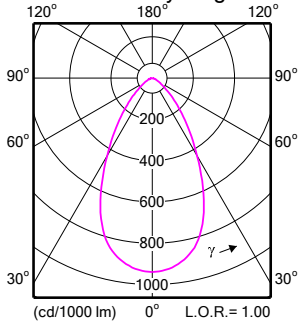
(cd/m2)

2021-08-30

BVP359 S 24LED BL 220V L24 1xLED 60

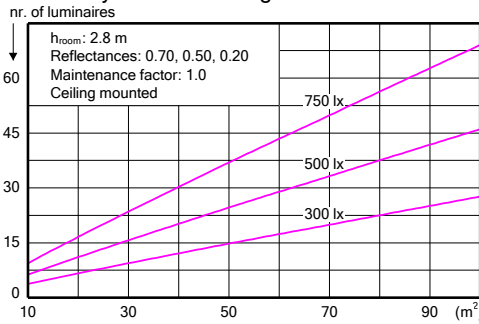
1 x 1065 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1500 cd/m2

Quantity estimation diagram

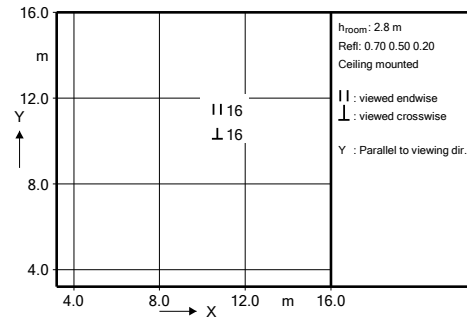


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5008	4037	4219
50.0	3378	2654	2787
55.0	2286	1746	1843
60.0	1638	1214	1288
65.0	1173	840	897
70.0	781	537	577
75.0	497	326	353
80.0	329	204	223
85.0	217	125	138
90.0	179	93	104

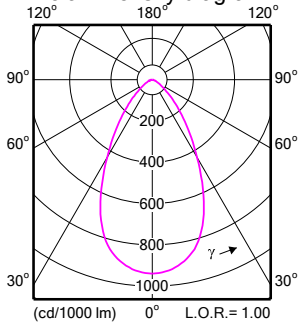
(cd/m2)

2021-08-30

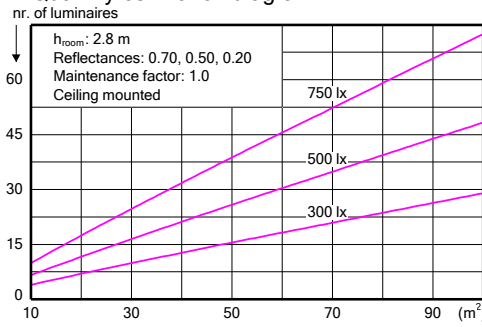
BVP359 S 24LED BL 220V L24 DMX 1xLED 60

1 x 1015 lm

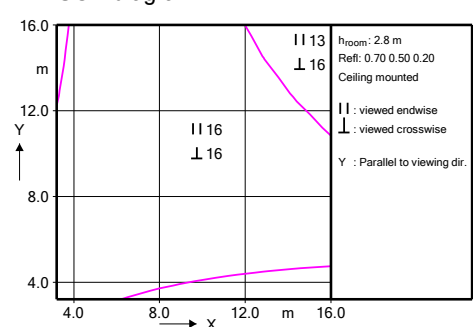
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.70	0.70	0.70	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.79	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4773	3848	4021
50.0	3219	2529	2656
55.0	2178	1664	1757
60.0	1561	1157	1228
65.0	1118	801	855
70.0	744	512	550
75.0	473	311	336
80.0	313	194	212
85.0	207	119	132
90.0	171	89	100

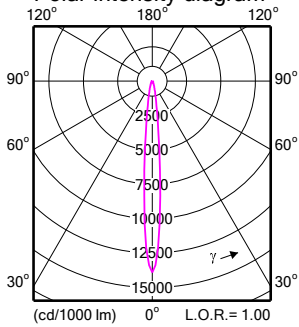
(cd/m2)

2021-08-30

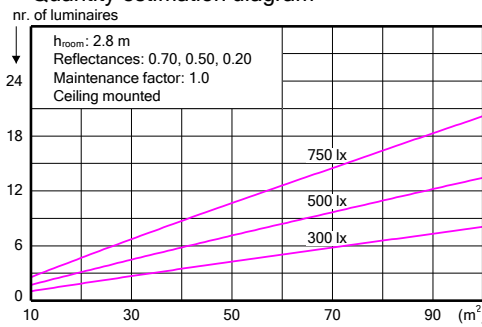
BVP359 S 24LED GN 220V L24 1xLED 10

1 x 3530 lm

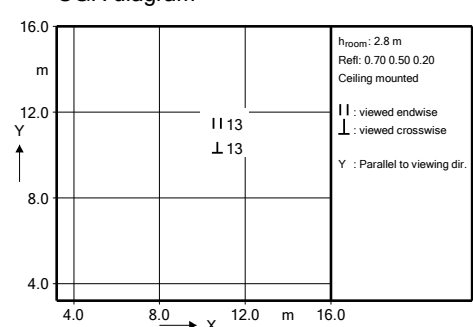
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.10	0.10	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.78	0.78	0.78	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

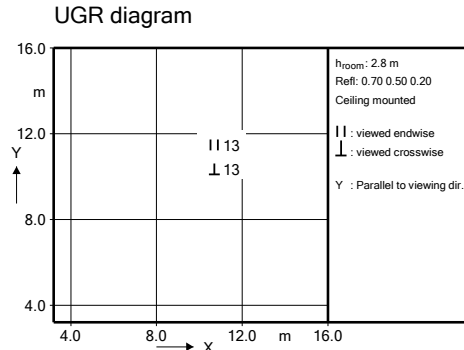
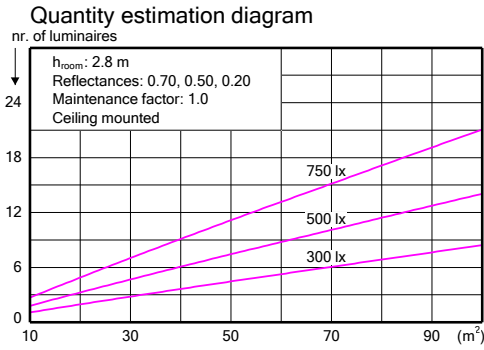
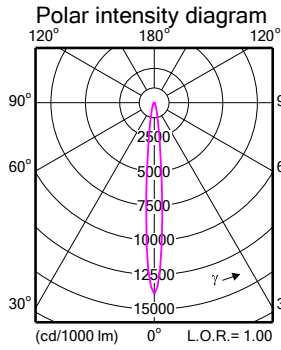
Plane Cone	0.0	45.0	90.0
45.0	6767	5456	5702
50.0	4956	3894	4089
55.0	3484	2662	2810
60.0	2386	1768	1876
65.0	1568	1123	1199
70.0	923	635	683
75.0	654	429	465
80.0	448	301	338
85.0	307	219	246
90.0	250	189	213

(cd/m2)

2021-08-30

BVP359 S 24LED GN 220V L24 DMX 1xLED 10

1 x 3380 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

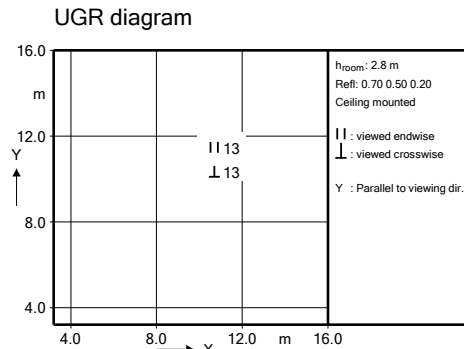
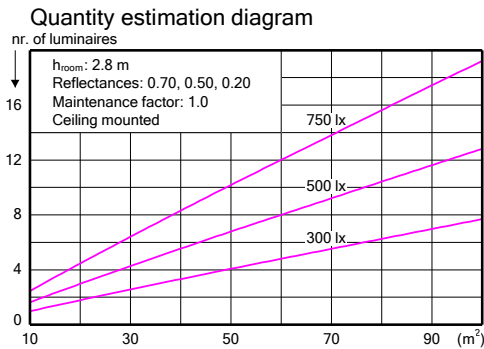
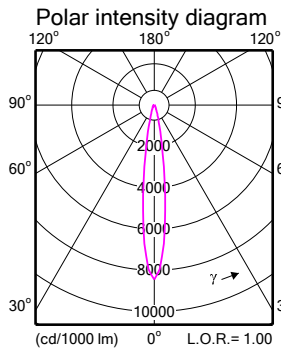
Plane Cone	0.0	45.0	90.0
45.0	6480	5224	5460
50.0	4745	3728	3915
55.0	3336	2549	2690
60.0	2284	1693	1797
65.0	1502	1075	1148
70.0	884	608	654
75.0	626	411	445
80.0	620	384	420
85.0	581	334	369
90.0	622	324	363

(cd/m2)

2021-08-30

BVP359 S 24LED GN 220V L24 1xLED 15

1 x 3705 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

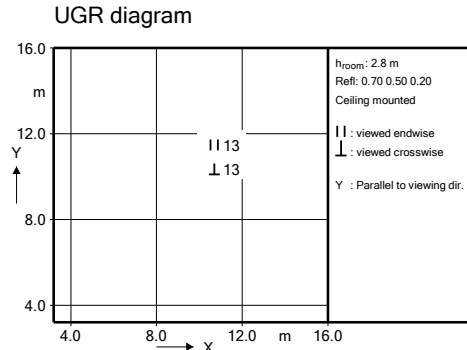
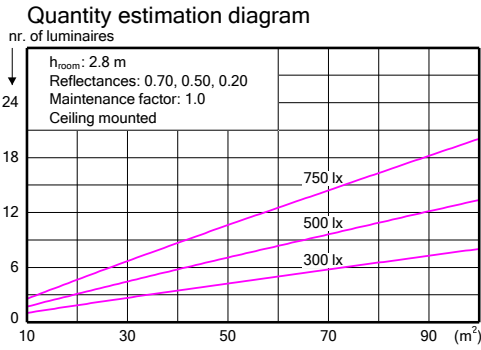
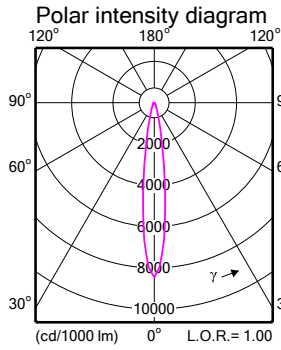
Plane Cone	0.0	45.0	90.0
45.0	6780	5466	5713
50.0	5088	3997	4198
55.0	3704	2830	2988
60.0	2525	1871	1985
65.0	1647	1179	1259
70.0	959	660	709
75.0	632	415	449
80.0	551	341	373
85.0	481	277	306
90.0	470	245	274

(cd/m2)

2021-08-30

BVP359 S 24LED GN 220V L24 DMX 1xLED 15

1 x 3550 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

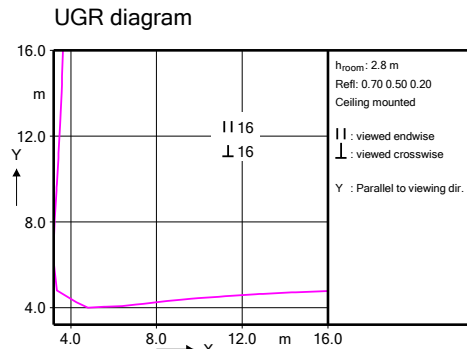
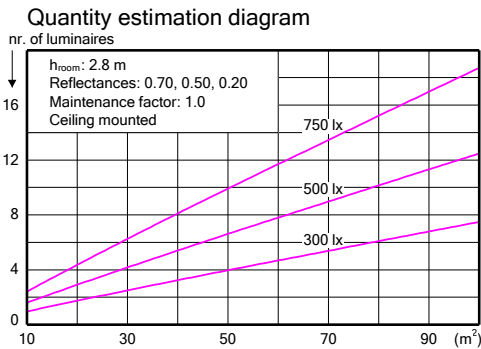
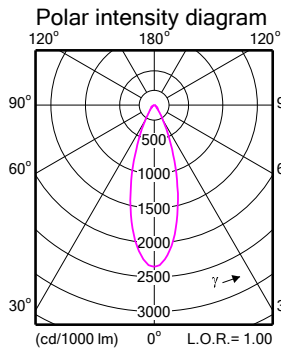
Plane Cone	0.0	45.0	90.0
45.0	6497	5238	5474
50.0	4875	3830	4023
55.0	3549	2712	2863
60.0	2419	1792	1902
65.0	1578	1130	1206
70.0	919	632	680
75.0	606	398	431
80.0	528	327	357
85.0	461	265	293
90.0	450	235	263

(cd/m2)

2021-08-30

BVP359 S 24LED GN 220V L24 1xLED 30

1 x 3840 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66	0.66	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71	0.71	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76	0.76	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80	0.80	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83	0.83	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88	0.88	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92	0.92	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97	0.97	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7897	6366	6654
50.0	6184	4858	5102
55.0	4678	3574	3773
60.0	3403	2522	2676
65.0	2441	1748	1866
70.0	1639	1128	1212
75.0	1148	753	816
80.0	847	525	573
85.0	656	378	417
90.0	616	321	360

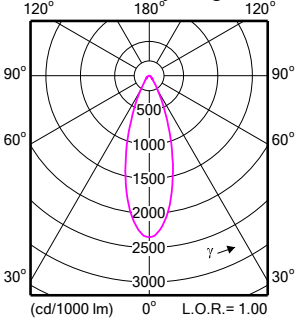
(cd/m2)

2021-08-30

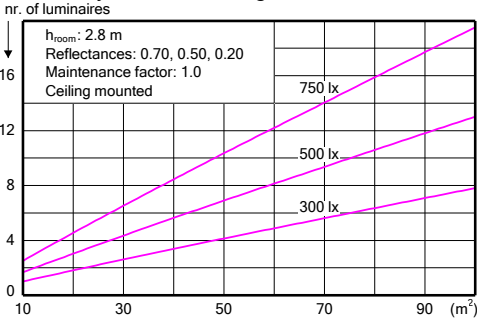
BVP359 S 24LED GN 220V L24 DMX 1xLED 30

1 x 3680 lm

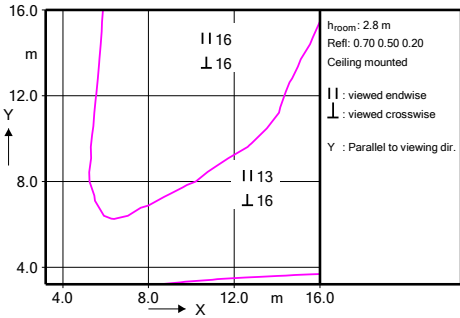
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7568	6101	6377
50.0	5926	4656	4890
55.0	4483	3426	3616
60.0	3261	2416	2565
65.0	2340	1675	1788
70.0	1571	1081	1162
75.0	1100	722	782
80.0	811	503	549
85.0	629	362	400
90.0	591	308	345

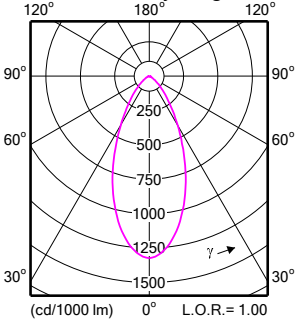
(cd/m2)

2021-08-30

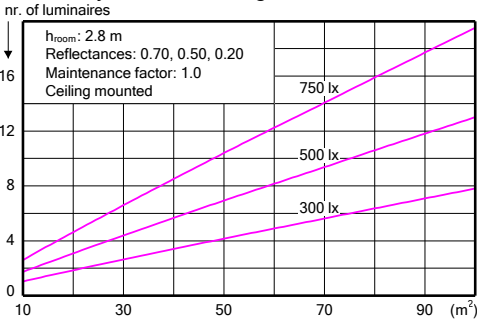
BVP359 S 24LED GN 220V L24 1xLED 45

1 x 3705 lm

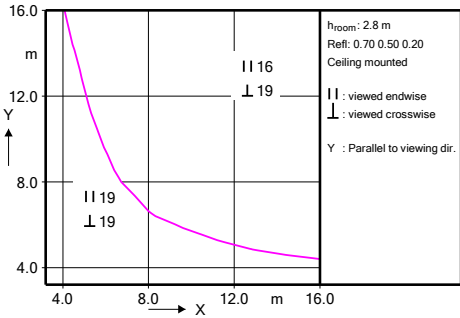
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

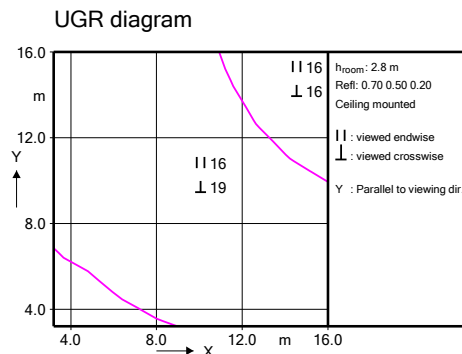
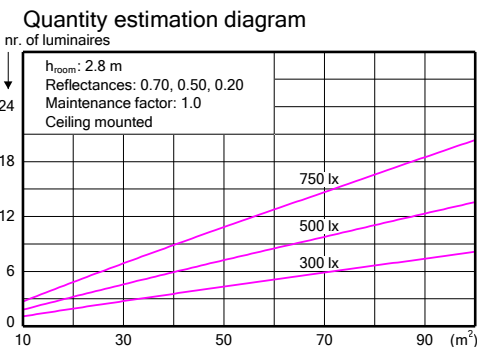
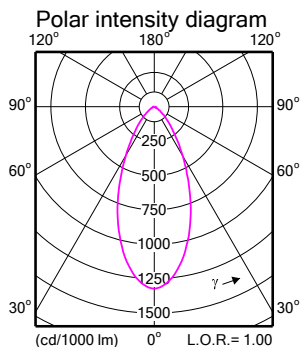
Plane Cone	0.0	45.0	90.0
45.0	14674	11830	12364
50.0	9770	7676	8061
55.0	6281	4799	5066
60.0	3855	2856	3031
65.0	2203	1577	1684
70.0	984	677	727
75.0	535	351	380
80.0	515	319	349
85.0	521	300	331
90.0	564	294	329

(cd/m2)

2021-08-30

**BVP359 S 24LED GN 220V L24 DMX 1xLED 45**

1 x 3550 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

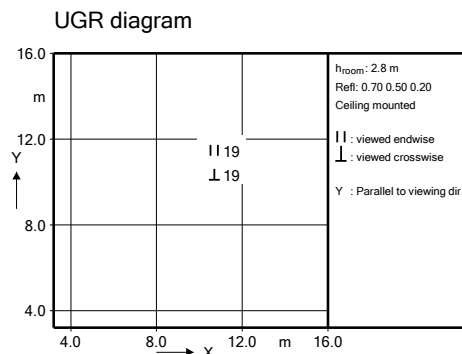
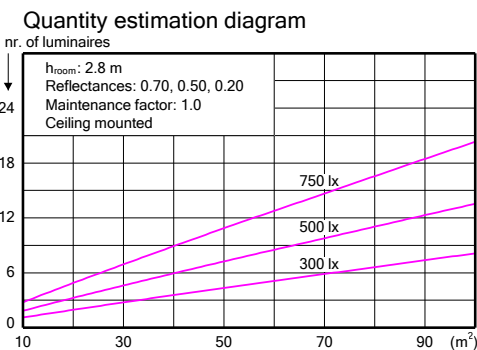
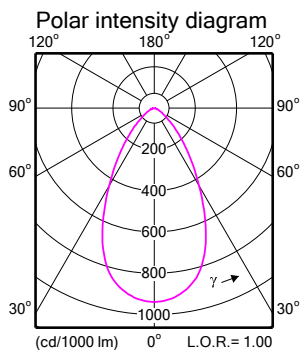
Plane Cone	0.0	45.0	90.0
45.0	14060	11335	11847
50.0	9361	7354	7724
55.0	6019	4599	4854
60.0	3693	2737	2905
65.0	2111	1511	1613
70.0	943	649	697
75.0	513	336	364
80.0	493	306	334
85.0	499	288	318
90.0	540	281	315

(cd/m2)

2021-08-30

**BVP359 S 24LED GN 220V L24 1xLED 60**

1 x 3620 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	17021	13722	14342
50.0	11482	9021	9474
55.0	7769	5936	6266
60.0	5568	4126	4379
65.0	3988	2855	3048
70.0	2653	1826	1962
75.0	1688	1108	1200
80.0	1118	693	757
85.0	738	425	469
90.0	608	317	355

(cd/m2)

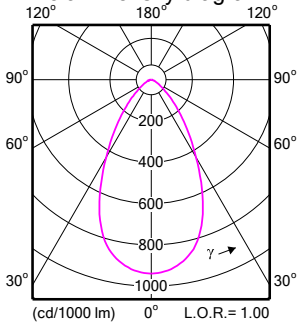
2021-08-30



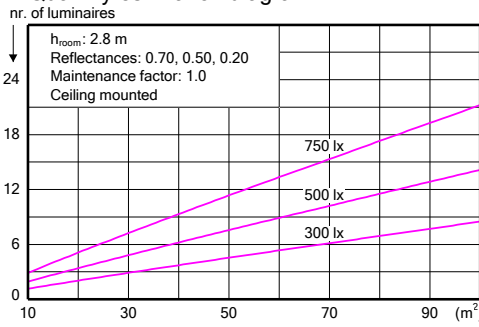
BVP359 S 24LED GN 220V L24 DMX 1xLED 60

1 x 3465 lm

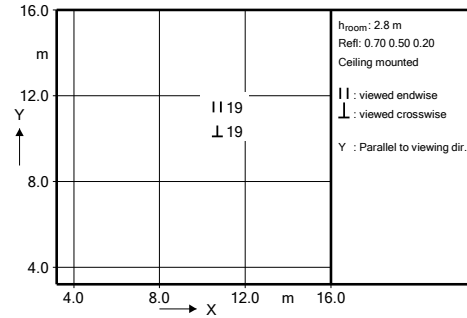
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16293	13135	13728
50.0	10991	8635	9068
55.0	7436	5682	5997
60.0	5329	3949	4191
65.0	3817	2733	2918
70.0	2540	1748	1878
75.0	1616	1061	1149
80.0	1070	663	724
85.0	707	407	449
90.0	582	303	340

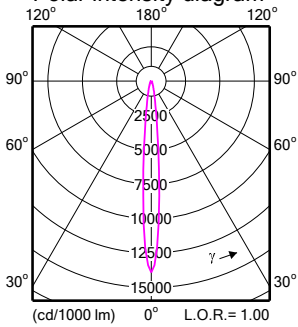
(cd/m<sup>2</sup>)

2021-08-30

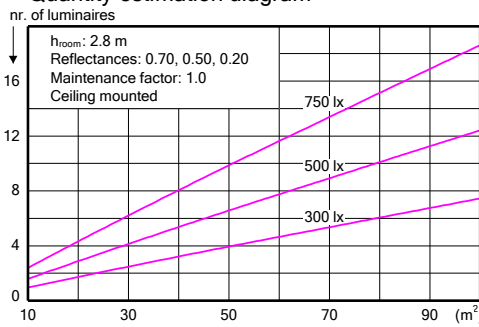
BVP359 S 24LED TW 220V L24 DMX 1xLED 10

1 x 3825 lm

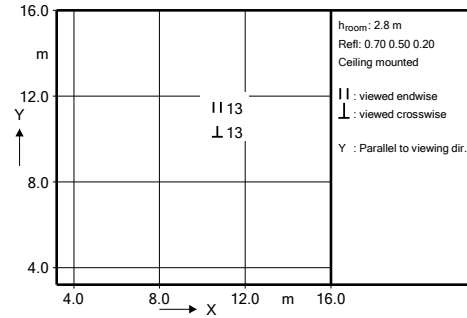
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7333	5912	6179
50.0	5370	4219	4431
55.0	3775	2884	3044
60.0	2585	1916	2033
65.0	1699	1217	1299
70.0	1000	688	740
75.0	709	465	504
80.0	702	435	475
85.0	657	378	418
90.0	704	367	411

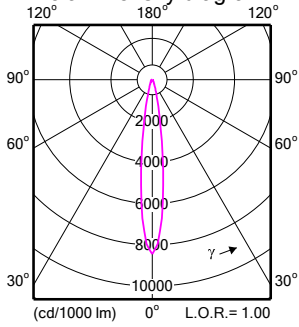
(cd/m<sup>2</sup>)

2021-08-30

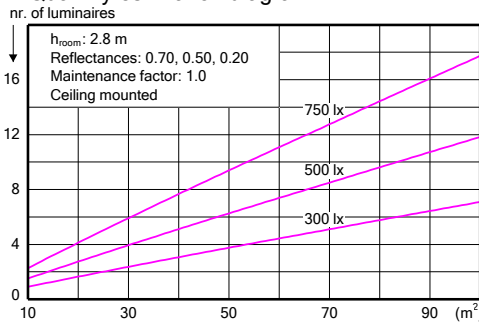
BVP359 S 24LED TW 220V L24 DMX 1xLED 15

1 x 4015 lm

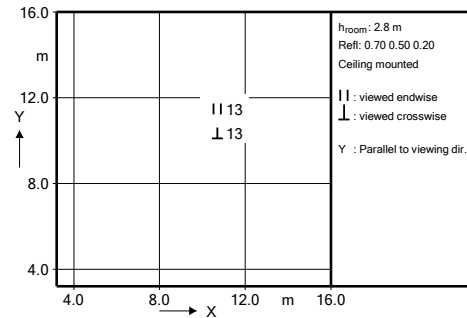
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7348	5924	6191
50.0	5514	4332	4549
55.0	4014	3067	3238
60.0	2736	2027	2152
65.0	1785	1278	1364
70.0	1039	715	769
75.0	685	450	487
80.0	597	370	404
85.0	521	300	332
90.0	509	265	297

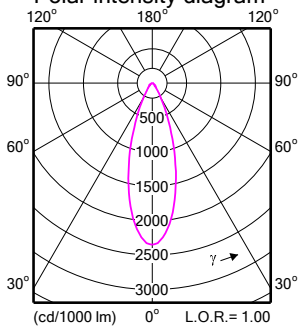
(cd/m2)

2021-08-30

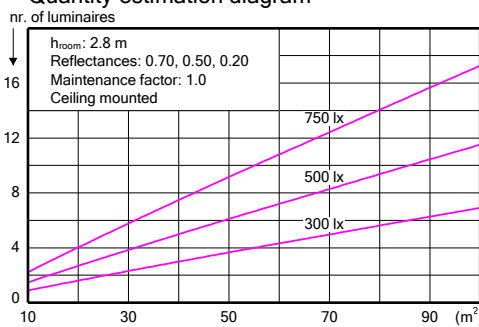
BVP359 S 24LED TW 220V L24 DMX 1xLED 30

1 x 4160 lm

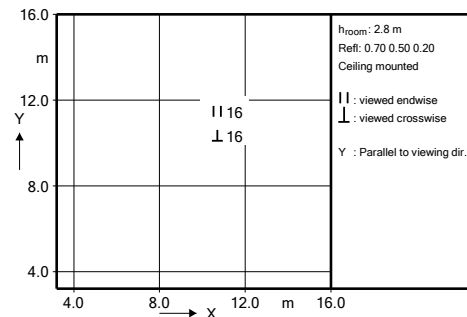
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

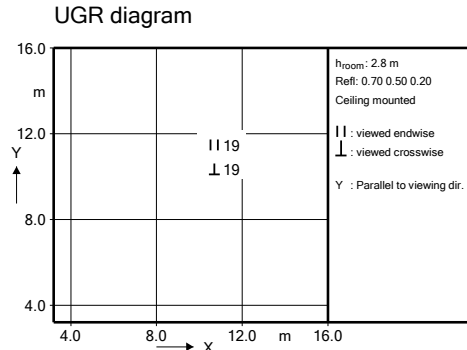
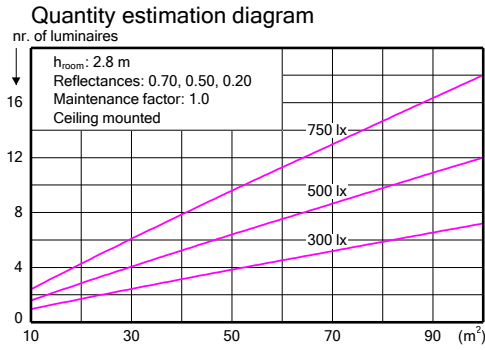
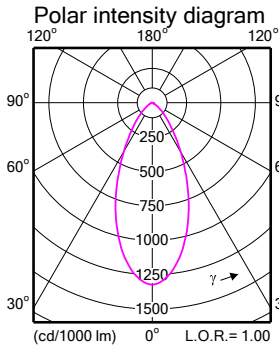
Plane Cone	0.0	45.0	90.0
45.0	8555	6897	7208
50.0	6699	5263	5527
55.0	5068	3872	4087
60.0	3686	2732	2899
65.0	2645	1893	2022
70.0	1776	1222	1313
75.0	1243	816	884
80.0	917	568	621
85.0	711	409	452
90.0	668	348	389

(cd/m2)

2021-08-30

BVP359 S 24LED TW 220V L24 DMX 1xLED 45

1 x 4015 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

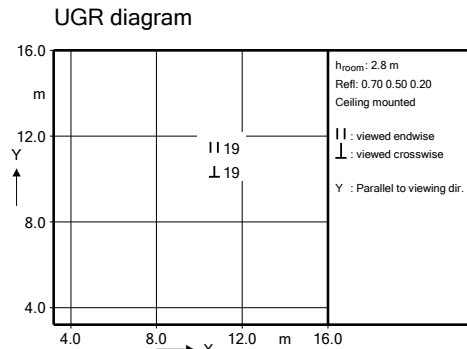
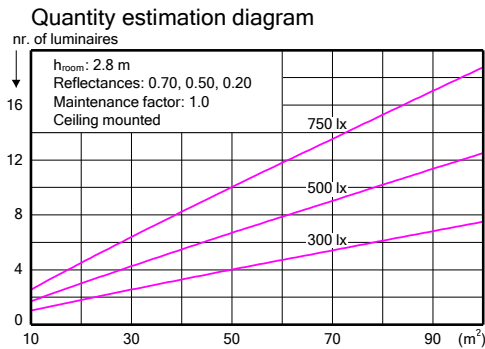
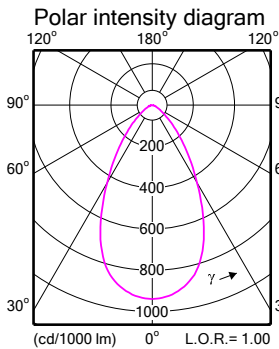
Plane Cone	0.0	45.0	90.0
45.0	15902	12820	13399
50.0	10587	8318	8735
55.0	6807	5201	5490
60.0	4177	3095	3285
65.0	2387	1709	1825
70.0	1066	733	788
75.0	580	381	412
80.0	558	346	378
85.0	565	325	359
90.0	611	318	356

(cd/m2)

2021-08-30

BVP359 S 24LED TW 220V L24 DMX 1xLED 60

1 x 3920 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

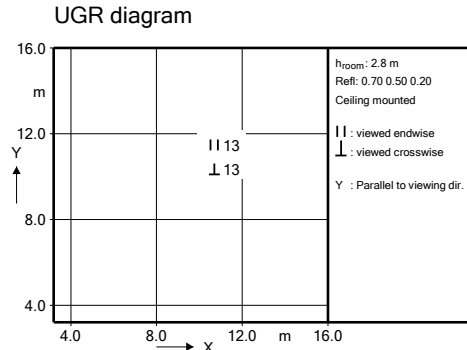
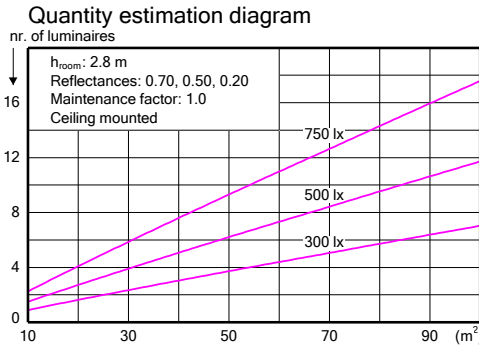
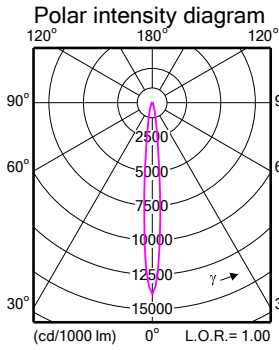
Plane Cone	0.0	45.0	90.0
45.0	18432	14859	15531
50.0	12434	9788	10259
55.0	8413	6428	6785
60.0	6029	4468	4741
65.0	4319	3092	3301
70.0	2873	1977	2125
75.0	1828	1200	1299
80.0	1210	750	820
85.0	799	460	508
90.0	659	343	384

(cd/m2)

2021-08-30

BVP359 S 30LED 22K 220V L30 1xLED 10

1 x 4050 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

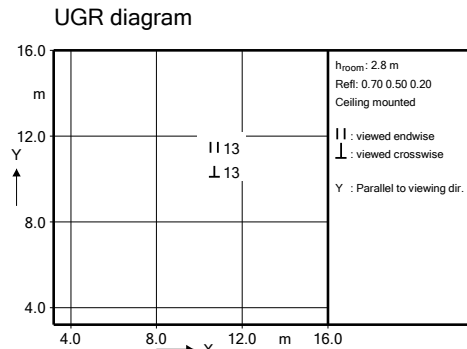
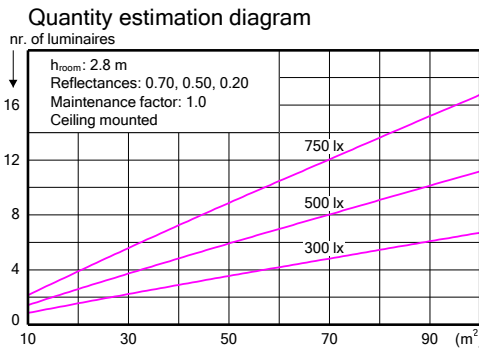
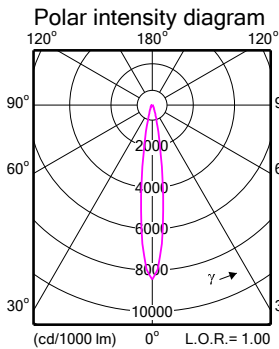
Plane Cone	0.0	45.0	90.0
45.0	6554	5161	5234
50.0	4836	3696	3753
55.0	3428	2535	2579
60.0	2370	1690	1722
65.0	1575	1078	1100
70.0	940	612	627
75.0	677	416	427
80.0	686	391	402
85.0	663	343	354
90.0	745	335	348

(cd/m2)

2021-08-30

BVP359 S 30LED 22K 220V L30 1xLED 15

1 x 4250 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

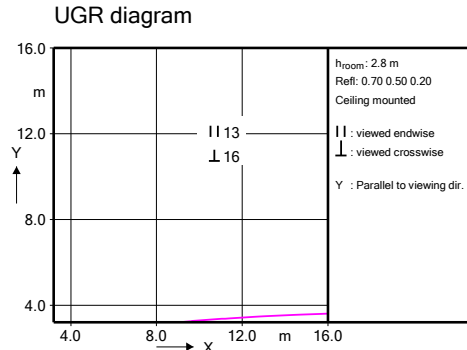
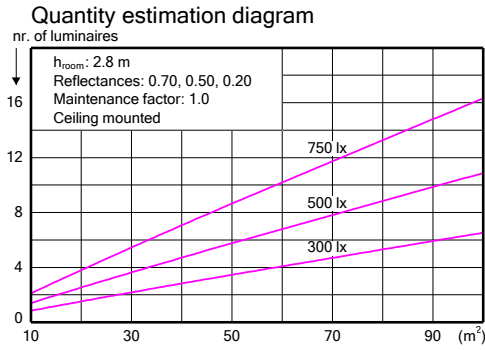
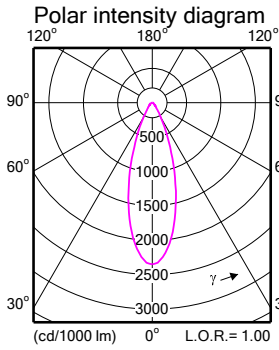
Plane Cone	0.0	45.0	90.0
45.0	6566	5170	5243
50.0	4964	3794	3853
55.0	3644	2695	2742
60.0	2507	1788	1822
65.0	1654	1131	1155
70.0	977	636	651
75.0	655	402	412
80.0	583	333	342
85.0	526	272	281
90.0	539	243	252

(cd/m2)

2021-08-30

BVP359 S 30LED 22K 220V L30 1xLED 30

1 x 4405 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

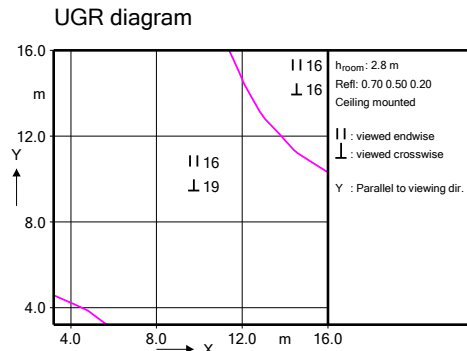
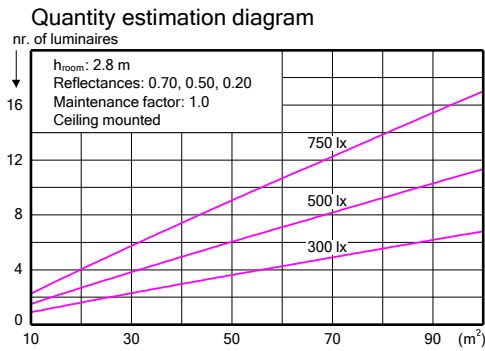
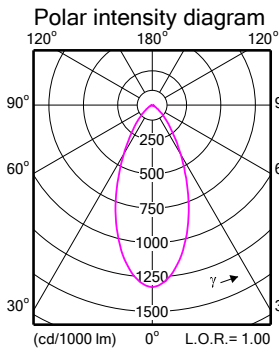
Plane Cone	0.0	45.0	90.0
45.0	7647	6022	6106
50.0	6033	4610	4682
55.0	4602	3404	3463
60.0	3380	2410	2456
65.0	2452	1677	1712
70.0	1669	1087	1113
75.0	1189	730	749
80.0	897	511	526
85.0	717	371	383
90.0	707	318	330

(cd/m2)

2021-08-30

BVP359 S 30LED 22K 220V L30 1xLED 45

1 x 4250 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

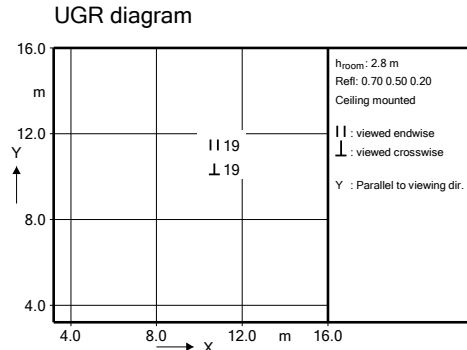
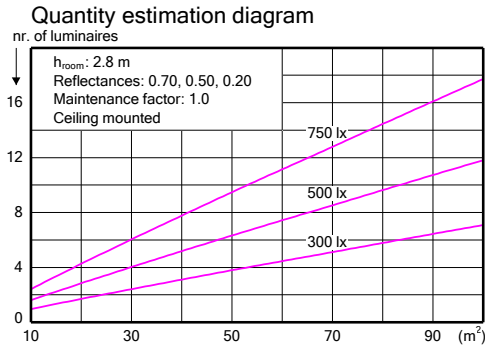
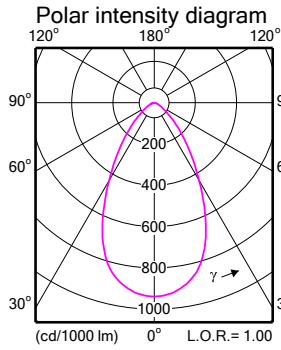
Plane Cone	0.0	45.0	90.0
45.0	14209	11190	11346
50.0	9531	7284	7397
55.0	6179	4570	4649
60.0	3828	2730	2782
65.0	2212	1513	1545
70.0	1001	652	668
75.0	554	340	349
80.0	545	311	320
85.0	570	295	304
90.0	646	291	302

(cd/m2)

2021-08-30

BVP359 S 30LED 22K 220V L30 1xLED 60

1 x 4150 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

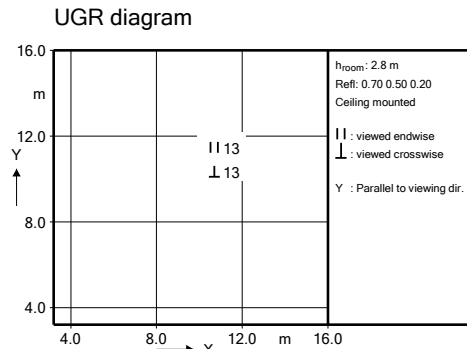
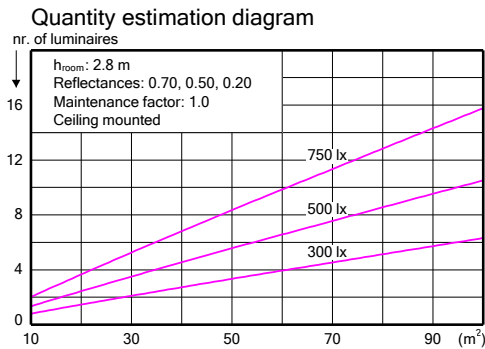
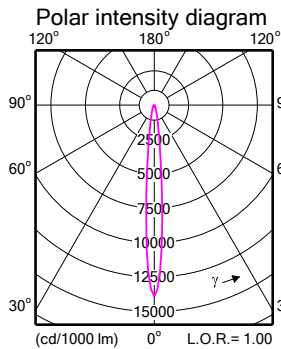
Plane Cone	0.0	45.0	90.0
45.0	16472	12972	13153
50.0	11195	8555	8689
55.0	7638	5649	5746
60.0	5527	3941	4016
65.0	4003	2738	2796
70.0	2700	1759	1800
75.0	1747	1073	1101
80.0	1183	675	694
85.0	806	417	431
90.0	697	314	325

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 30LED 27K 220V L30 1xLED 10

1 x 4515 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7307	5754	5835
50.0	5391	4120	4184
55.0	3821	2826	2875
60.0	2642	1884	1920
65.0	1755	1201	1227
70.0	1048	683	699
75.0	755	464	476
80.0	765	436	449
85.0	739	382	395
90.0	831	374	388

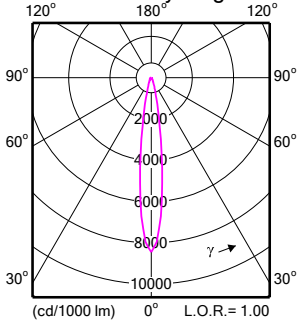
(cd/m<sup>2</sup>)

2021-08-30

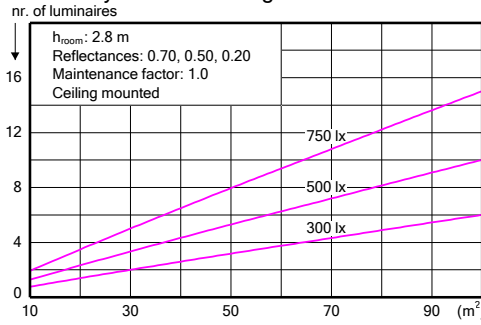
BVP359 S 30LED 27K 220V L30 1xLED 15

1 x 4740 lm

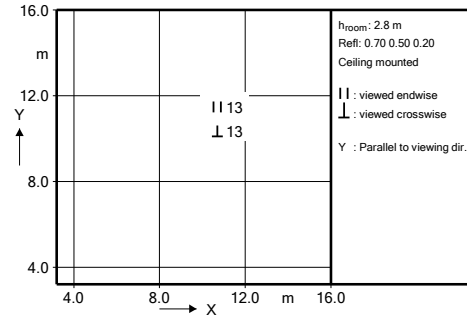
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.66
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7323	5767	5847
50.0	5536	4231	4297
55.0	4064	3006	3058
60.0	2797	1994	2032
65.0	1845	1262	1288
70.0	1089	710	726
75.0	730	448	460
80.0	651	371	382
85.0	587	303	313
90.0	601	271	281

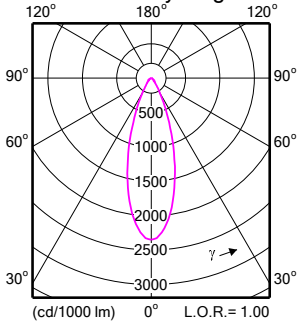
(cd/m2)

2021-08-30

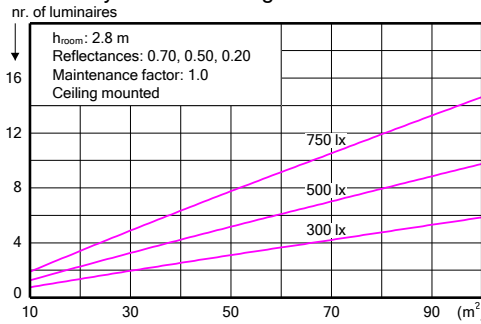
BVP359 S 30LED 27K 220V L30 1xLED 30

1 x 4910 lm

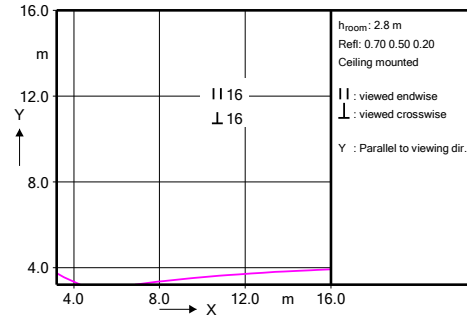
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

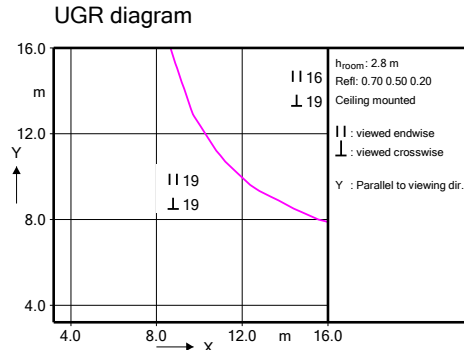
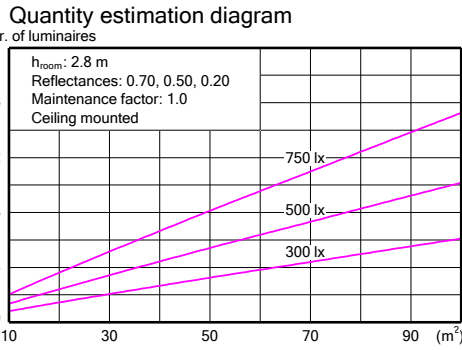
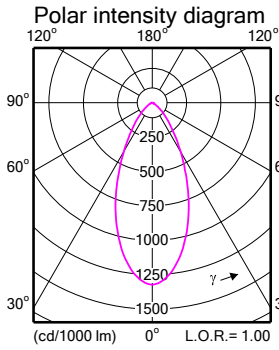
Plane Cone	0.0	45.0	90.0
45.0	8524	6712	6806
50.0	6725	5139	5219
55.0	5130	3794	3859
60.0	3767	2686	2737
65.0	2733	1870	1909
70.0	1860	1212	1240
75.0	1325	814	835
80.0	999	570	586
85.0	799	413	427
90.0	788	355	368

(cd/m2)

2021-08-30

BVP359 S 30LED 27K 220V L30 1xLED 45

1 x 4740 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.78	0.75	0.77	0.75	0.73
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.83	0.80	0.82	0.80	0.78
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.86	0.84	0.86	0.83	0.82
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.92	0.90	0.91	0.89	0.87
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.95	0.94	0.94	0.93	0.91
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.98	0.96	0.96	0.95	0.93
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	1.00	0.99	0.99	0.98	0.96
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	1.01	1.01	1.00	0.99	0.97
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	1.00	1.00	1.00	0.99	0.97

Ceiling mounted

Luminance Table

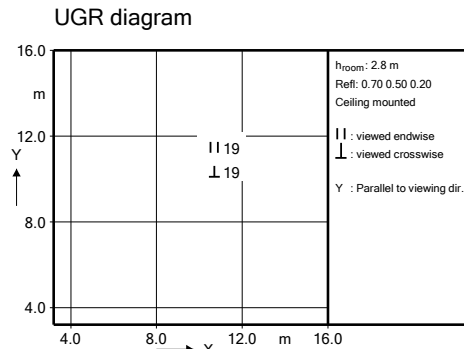
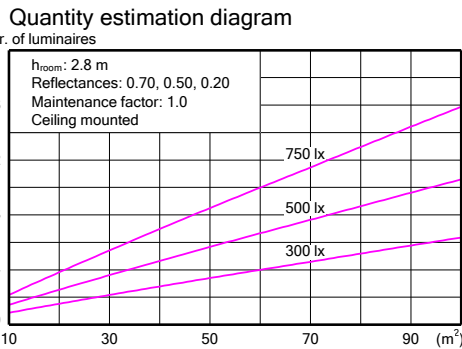
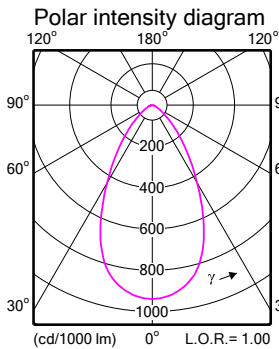
Plane Cone	0.0	45.0	90.0
45.0	15847	12480	12654
50.0	10630	8124	8250
55.0	6892	5097	5185
60.0	4270	3045	3103
65.0	2468	1688	1723
70.0	1117	728	745
75.0	618	379	389
80.0	608	347	357
85.0	635	329	339
90.0	721	324	336

(cd/m2)

2021-08-30

BVP359 S 30LED 27K 220V L30 1xLED 60

1 x 4630 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.75	0.72	0.74	0.71	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.80	0.77	0.79	0.77	0.75
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.86	0.81	0.83	0.81	0.79
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.90	0.88	0.89	0.87	0.85
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.95	0.92	0.92	0.91	0.89
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.96	0.94	0.95	0.93	0.91
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.98	0.97	0.97	0.96	0.94
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18378	14472	14675
50.0	12490	9545	9694
55.0	8522	6302	6411
60.0	6166	4397	4480
65.0	4466	3055	3119
70.0	3012	1962	2008
75.0	1949	1197	1228
80.0	1320	753	774
85.0	900	465	480
90.0	778	350	363

(cd/m2)

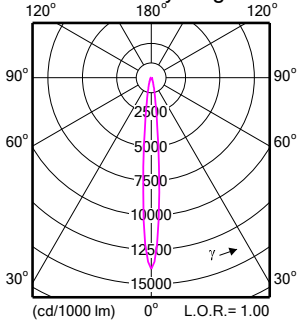
2021-08-30



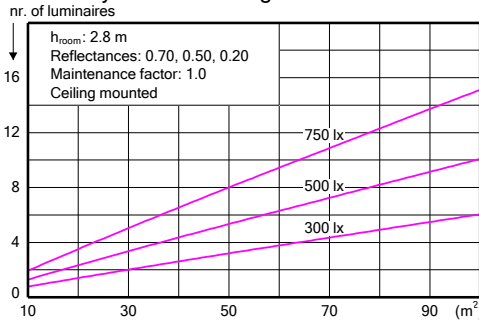
BVP359 S 30LED 30K 220V L30 1xLED 10

1 x 4710 lm

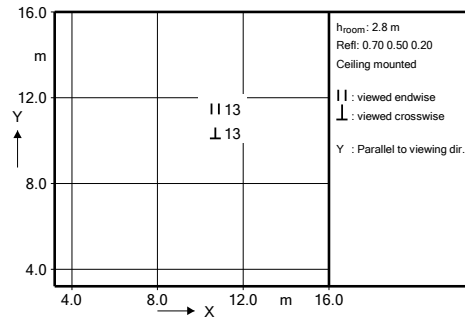
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7622	6003	6087
50.0	5624	4298	4365
55.0	3986	2948	2999
60.0	2756	1965	2003
65.0	1832	1253	1279
70.0	1093	712	729
75.0	788	484	496
80.0	798	455	468
85.0	771	399	412
90.0	867	390	405

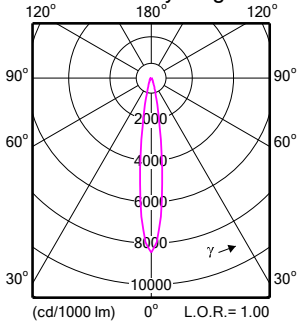
(cd/m2)

2021-08-30

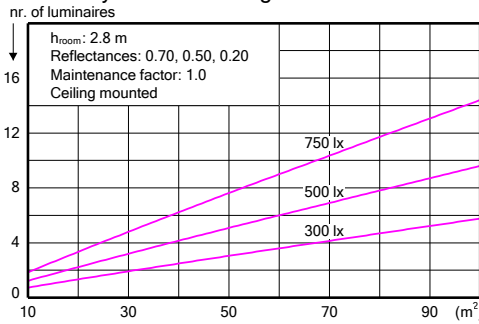
BVP359 S 30LED 30K 220V L30 1xLED 15

1 x 4945 lm

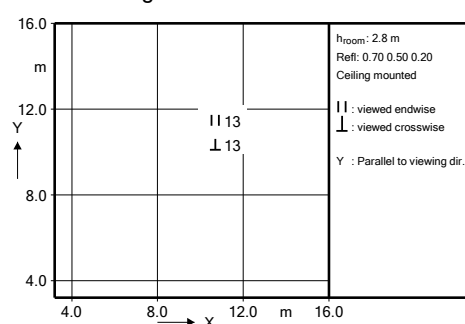
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7639	6016	6100
50.0	5776	4414	4483
55.0	4240	3136	3190
60.0	2917	2080	2120
65.0	1924	1316	1344
70.0	1136	740	757
75.0	762	468	480
80.0	679	387	398
85.0	612	316	327
90.0	627	282	293

(cd/m2)

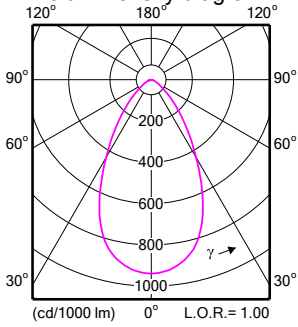
2021-08-30



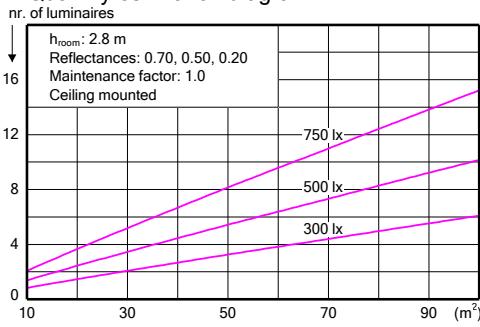
BVP359 S 30LED 30K 220V L30 1xLED 60

1 x 4830 lm

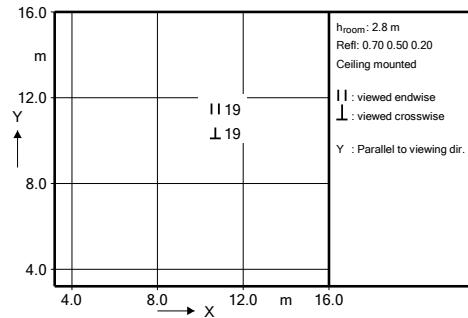
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19171	15097	15309
50.0	13030	9957	10112
55.0	8890	6575	6688
60.0	6432	4587	4674
65.0	4659	3187	3254
70.0	3142	2047	2094
75.0	2033	1249	1281
80.0	1377	785	808
85.0	939	485	501
90.0	812	365	379

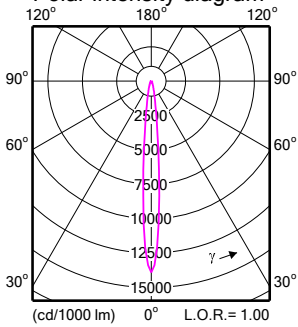
(cd/m2)

2021-08-30

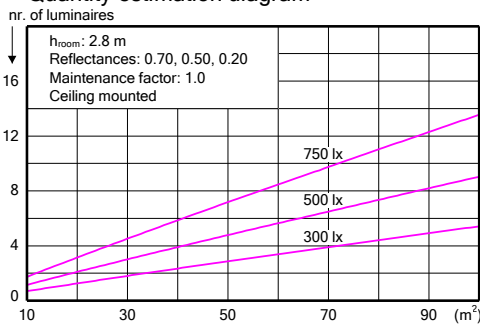
BVP359 S 30LED 40K 220V L30 1xLED 10

1 x 5255 lm

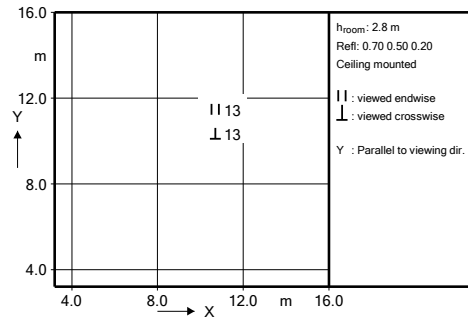
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8504	6697	6791
50.0	6275	4795	4870
55.0	4448	3289	3346
60.0	3075	2193	2235
65.0	2044	1398	1428
70.0	1220	795	813
75.0	879	540	554
80.0	890	508	522
85.0	860	445	459
90.0	967	435	451

(cd/m2)

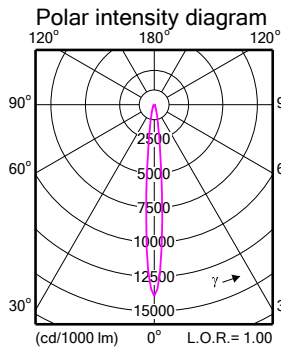
2021-08-30





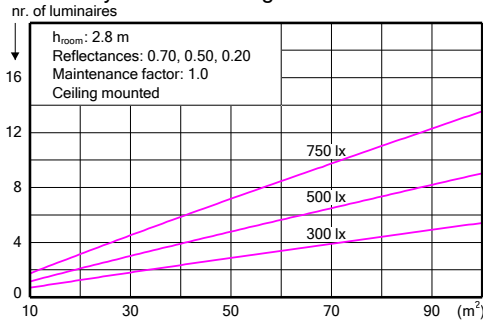
**BVP359 S 30LED 50K 220V L30 1xLED 10**

1 x 5255 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

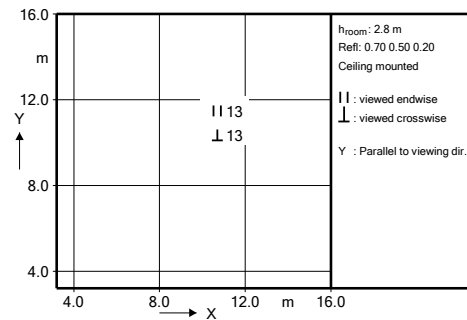


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.77	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.82	0.79	0.81	0.79
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.86	0.84	0.85	0.83
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.89	0.87	0.88	0.86
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.94	0.92	0.93	0.92
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.97	0.96	0.96	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.99	0.98	0.98	0.97
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.02	1.01	1.00	0.99
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.03	1.02	1.01	1.01

Ceiling mounted

UGR diagram



Luminance Table

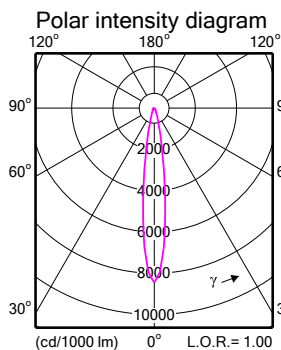
Plane Cone	0.0	45.0	90.0
45.0	8504	6697	6791
50.0	6275	4795	4870
55.0	4448	3289	3346
60.0	3075	2193	2235
65.0	2044	1398	1428
70.0	1220	795	813
75.0	879	540	554
80.0	890	508	522
85.0	860	445	459
90.0	967	435	451

(cd/m2)

2021-08-30

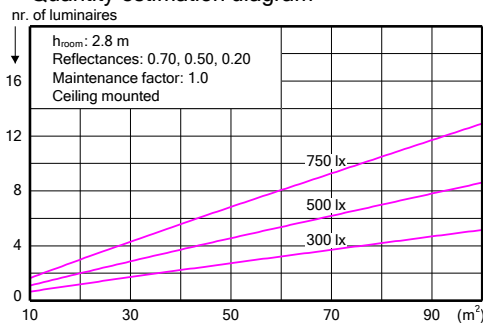
**BVP359 S 30LED 50K 220V L30 1xLED 15**

1 x 5520 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Quantity estimation diagram

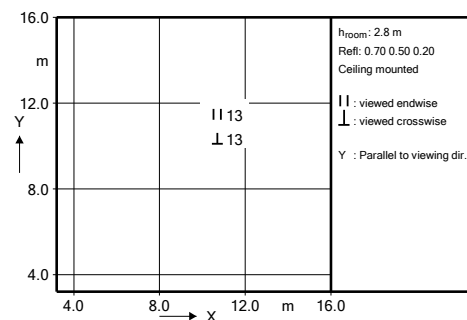


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.10	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.77	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.82	0.79	0.81	0.79
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.86	0.84	0.85	0.83
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.89	0.87	0.88	0.86
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.94	0.92	0.93	0.92
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.97	0.96	0.96	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.99	0.98	0.98	0.97
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.02	1.01	1.00	0.99
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.03	1.02	1.01	1.01

Ceiling mounted

UGR diagram



Luminance Table

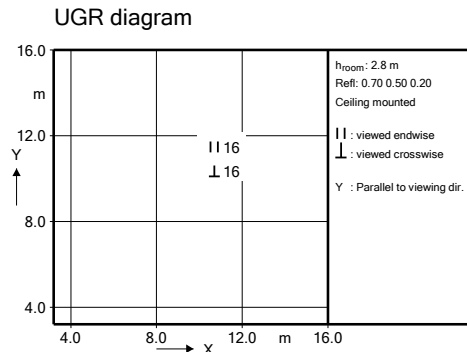
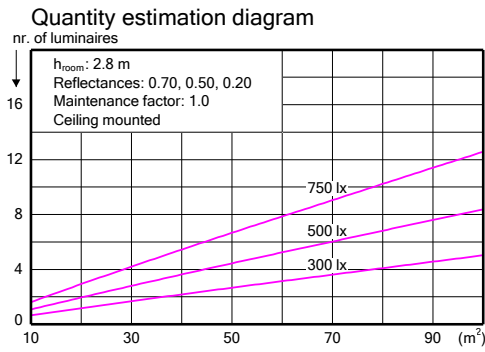
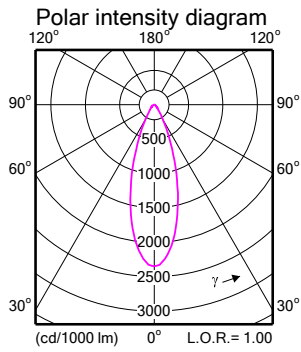
Plane Cone	0.0	45.0	90.0
45.0	8528	6715	6810
50.0	6447	4927	5004
55.0	4733	3501	3561
60.0	3257	2322	2366
65.0	2148	1469	1500
70.0	1268	826	845
75.0	850	522	536
80.0	758	432	445
85.0	683	353	365
90.0	700	315	327

(cd/m2)

2021-08-30

BVP359 S 30LED 50K 220V L30 1xLED 30

1 x 5715 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

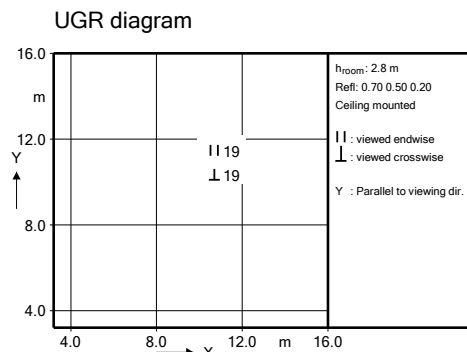
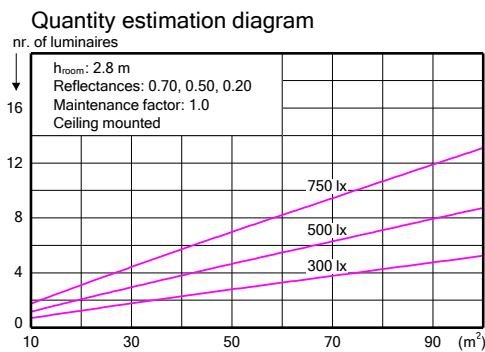
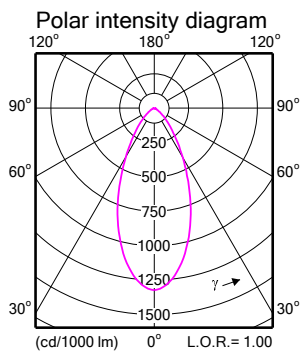
Plane Cone	0.0	45.0	90.0
45.0	9921	7813	7922
50.0	7827	5982	6075
55.0	5971	4416	4492
60.0	4385	3127	3186
65.0	3181	2176	2222
70.0	2165	1411	1443
75.0	1542	947	972
80.0	1163	663	683
85.0	930	481	497
90.0	917	413	428

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 30LED 50K 220V L30 1xLED 45

1 x 5520 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 18  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18455	14533	14737
50.0	12380	9461	9608
55.0	8026	5936	6038
60.0	4972	3546	3613
65.0	2874	1966	2007
70.0	1301	847	867
75.0	719	442	453
80.0	708	404	416
85.0	740	383	395
90.0	840	378	392

(cd/m<sup>2</sup>)

2021-08-30

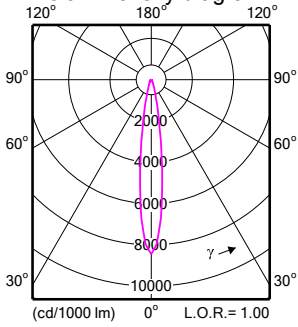




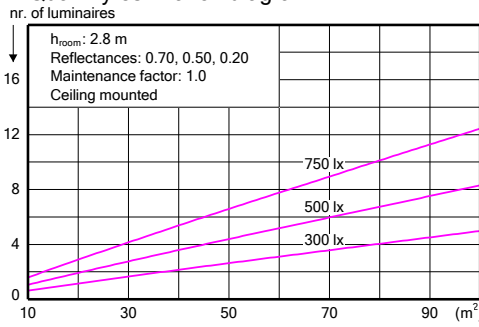
BVP359 S 30LED 57K 220V L30 1xLED 15

1 x 5725 lm

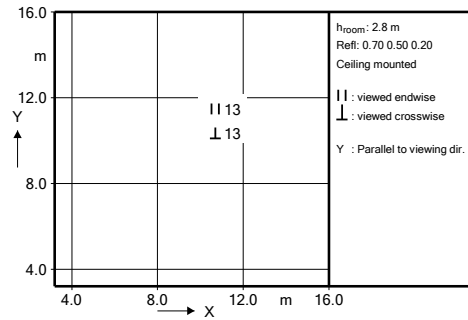
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8844	6965	7062
50.0	6687	5110	5190
55.0	4909	3631	3693
60.0	3378	2409	2454
65.0	2228	1524	1556
70.0	1315	857	877
75.0	882	542	556
80.0	786	448	461
85.0	708	366	378
90.0	726	327	339

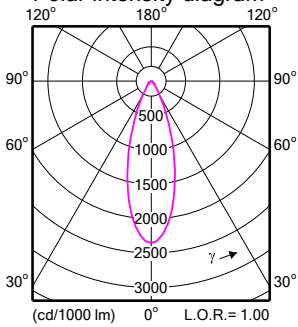
(cd/m2)

2021-08-30

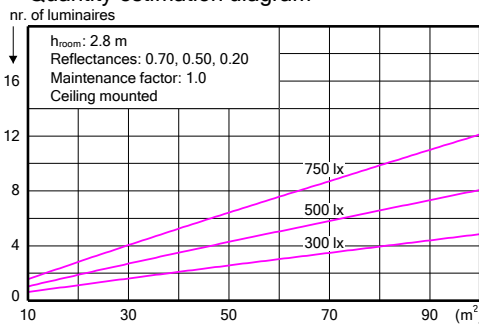
BVP359 S 30LED 57K 220V L30 1xLED 30

1 x 5930 lm

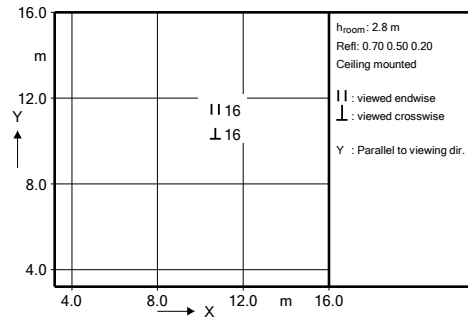
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

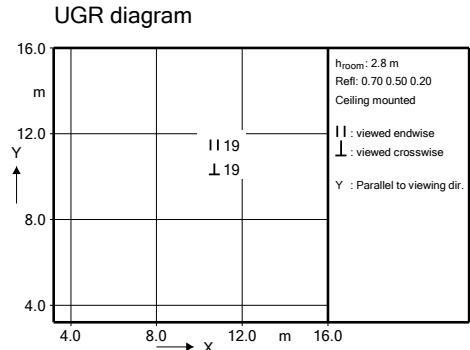
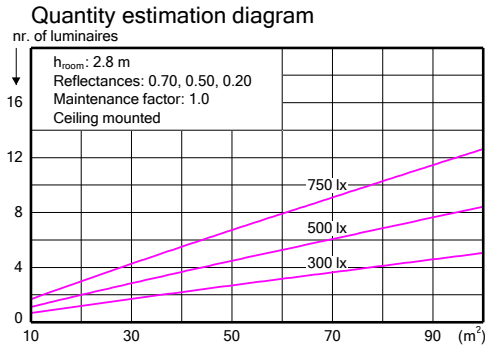
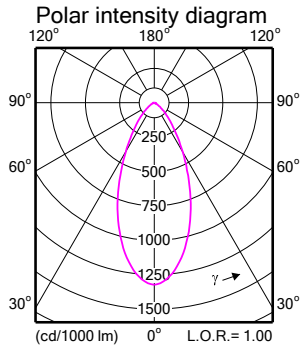
Plane Cone	0.0	45.0	90.0
45.0	10295	8107	8220
50.0	8122	6207	6303
55.0	6196	4582	4661
60.0	4550	3244	3306
65.0	3301	2258	2305
70.0	2247	1464	1498
75.0	1600	983	1008
80.0	1207	688	708
85.0	965	499	515
90.0	952	428	444

(cd/m2)

2021-08-30

BVP359 S 30LED 57K 220V L30 1xLED 45

1 x 5725 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

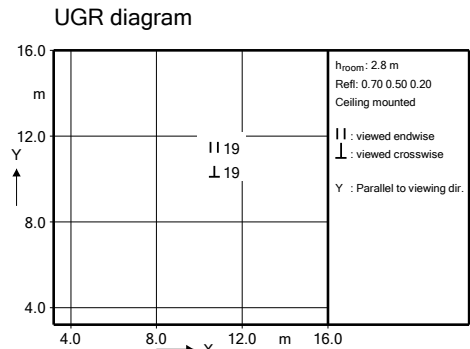
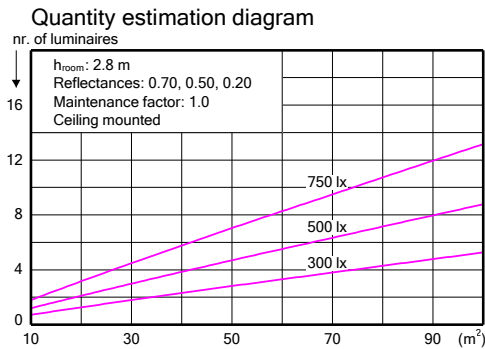
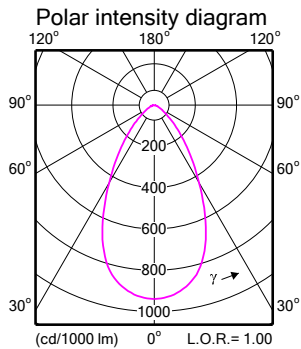
Plane Cone	0.0	45.0	90.0
45.0	19141	15073	15284
50.0	12839	9812	9965
55.0	8324	6156	6262
60.0	5157	3677	3747
65.0	2980	2039	2081
70.0	1349	879	899
75.0	746	458	470
80.0	735	419	431
85.0	768	397	410
90.0	871	392	406

(cd/m2)

2021-08-30

BVP359 S 30LED 57K 220V L30 1xLED 60

1 x 5590 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	22188	17473	17718
50.0	15080	11524	11703
55.0	10289	7609	7740
60.0	7444	5308	5409
65.0	5392	3688	3766
70.0	3637	2369	2424
75.0	2353	1445	1482
80.0	1594	909	935
85.0	1086	562	580
90.0	939	423	438

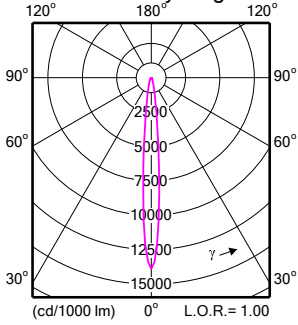
(cd/m2)

2021-08-30

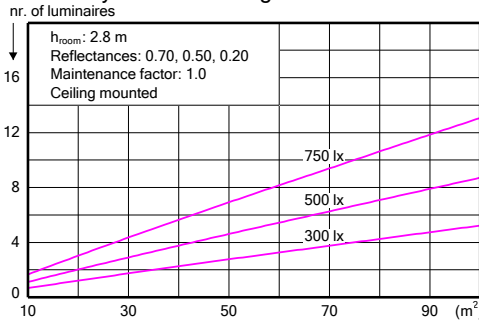
BVP359 S 30LED 65K 220V L30 1xLED 10

1 x 5450 lm

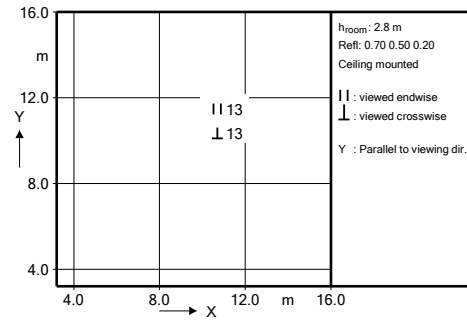
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8820	6946	7043
50.0	6507	4973	5050
55.0	4613	3412	3470
60.0	3189	2274	2317
65.0	2120	1450	1481
70.0	1265	824	843
75.0	911	560	574
80.0	923	526	542
85.0	892	461	476
90.0	1003	451	468

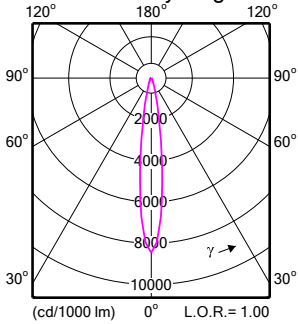
(cd/m2)

2021-08-30

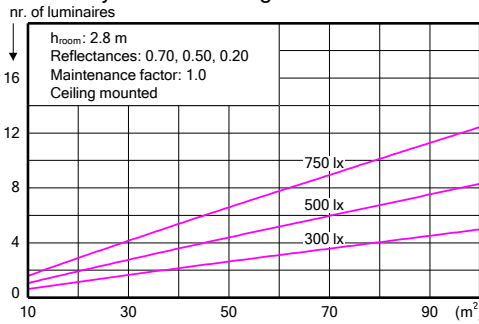
BVP359 S 30LED 65K 220V L30 1xLED 15

1 x 5725 lm

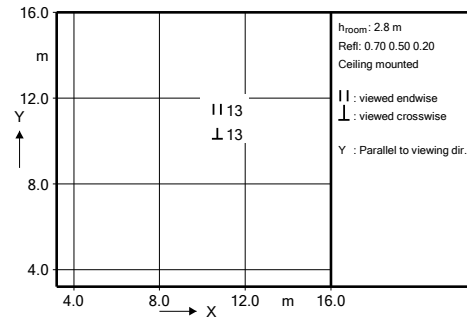
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

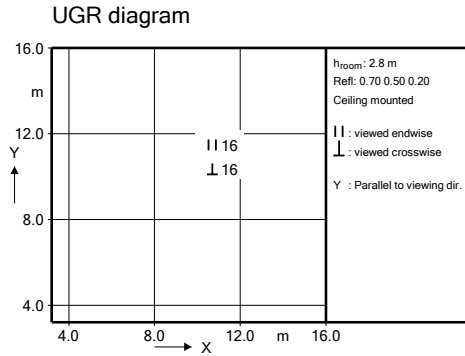
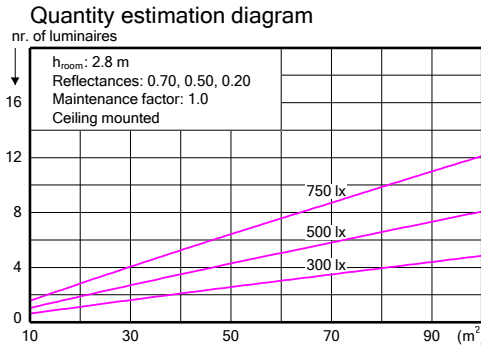
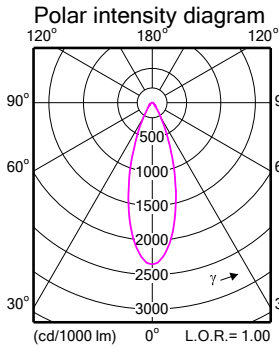
Plane Cone	0.0	45.0	90.0
45.0	8844	6965	7062
50.0	6687	5110	5190
55.0	4909	3631	3693
60.0	3378	2409	2454
65.0	2228	1524	1556
70.0	1315	857	877
75.0	882	542	556
80.0	786	448	461
85.0	708	366	378
90.0	726	327	339

(cd/m2)

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1 x 5930 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

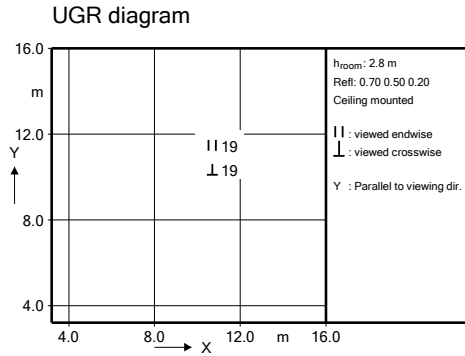
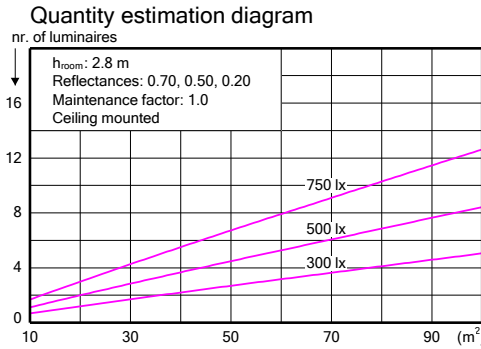
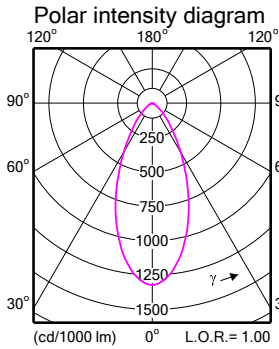
Plane Cone	0.0	45.0	90.0
45.0	10295	8107	8220
50.0	8122	6207	6303
55.0	6196	4582	4661
60.0	4550	3244	3306
65.0	3301	2258	2305
70.0	2247	1464	1498
75.0	1600	983	1008
80.0	1207	688	708
85.0	965	499	515
90.0	952	428	444

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 30LED 65K 220V L30 1xLED 45

1 x 5725 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19141	15073	15284
50.0	12839	9812	9965
55.0	8324	6156	6262
60.0	5157	3677	3747
65.0	2980	2039	2081
70.0	1349	879	899
75.0	746	458	470
80.0	735	419	431
85.0	768	397	410
90.0	871	392	406

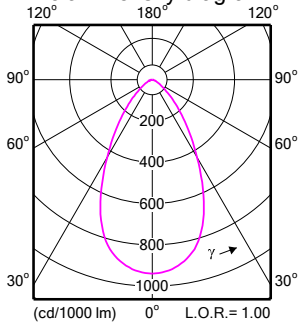
(cd/m<sup>2</sup>)

2021-08-30

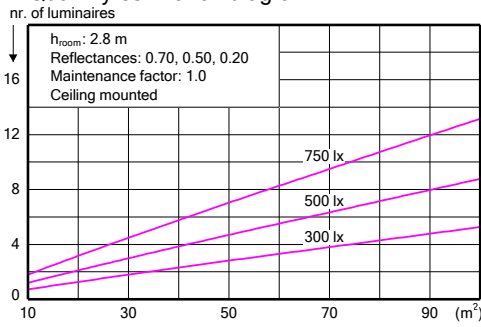
BVP359 S 30LED 65K 220V L30 1xLED 60

1 x 5590 lm

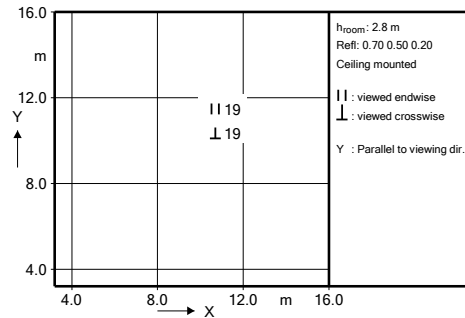
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	22188	17473	17718
50.0	15080	11524	11703
55.0	10289	7609	7740
60.0	7444	5308	5409
65.0	5392	3688	3766
70.0	3637	2369	2424
75.0	2353	1445	1482
80.0	1594	909	935
85.0	1086	562	580
90.0	939	423	438

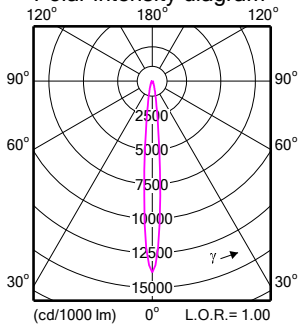
(cd/m<sup>2</sup>)

2021-08-30

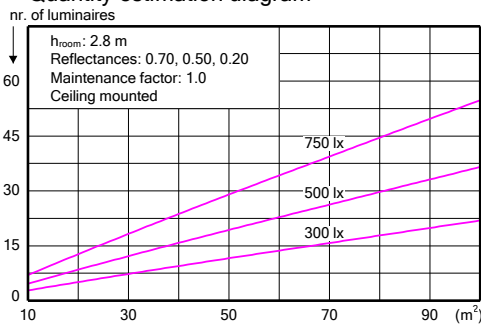
BVP359 S 30LED BL 220V L30 1xLED 10

1 x 1300 lm

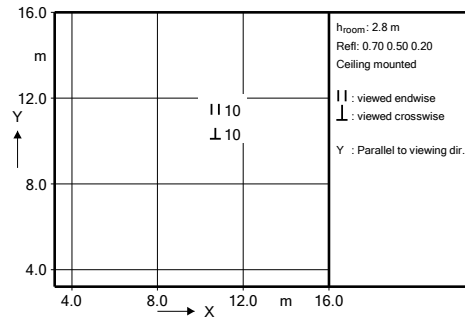
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

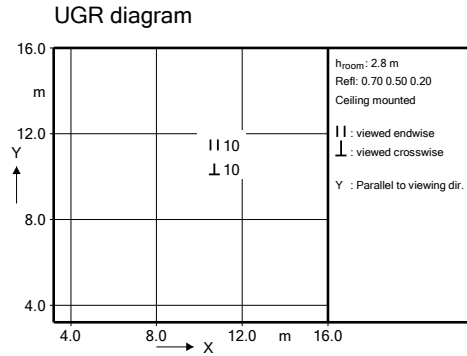
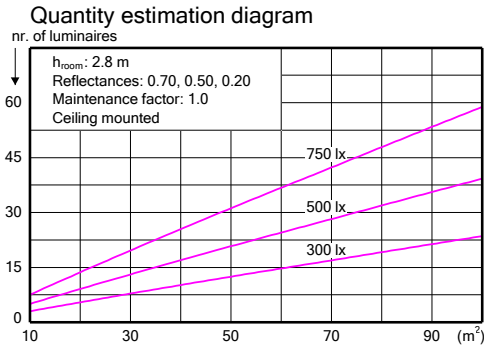
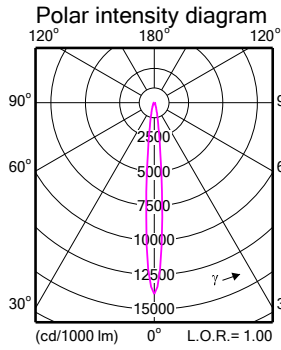
Plane Cone	0.0	45.0	90.0
45.0	2104	1657	1680
50.0	1552	1186	1205
55.0	1100	814	828
60.0	761	542	553
65.0	506	346	353
70.0	302	197	201
75.0	217	134	137
80.0	220	126	129
85.0	213	110	114
90.0	239	108	112

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 30LED BL 220V L30 DMX 1xLED 10

1 x 1210 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

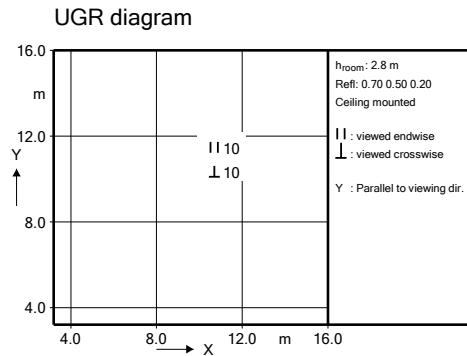
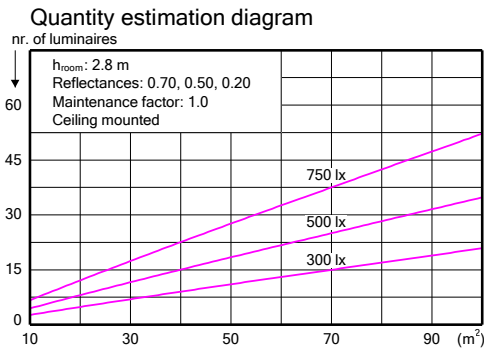
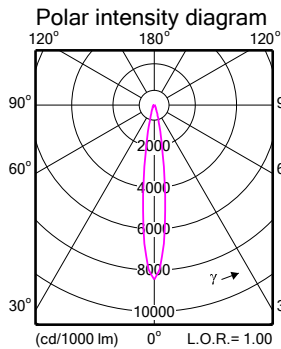
Plane Cone	0.0	45.0	90.0
45.0	1958	1542	1564
50.0	1445	1104	1121
55.0	1024	757	770
60.0	708	505	515
65.0	471	322	329
70.0	281	183	187
75.0	202	124	127
80.0	205	117	120
85.0	198	102	106
90.0	223	100	104

(cd/m<sup>2</sup>)

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BVP359 S 30LED BL 220V L30 1xLED 15

1 x 1365 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2109	1661	1684
50.0	1594	1218	1237
55.0	1170	866	881
60.0	805	574	585
65.0	531	363	371
70.0	314	204	209
75.0	210	129	132
80.0	187	107	110
85.0	169	87	90
90.0	173	78	81

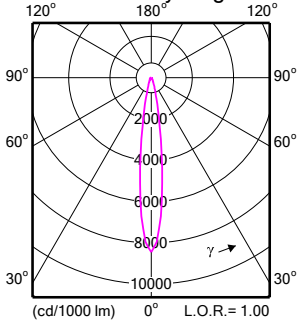
(cd/m<sup>2</sup>)

2021-08-30

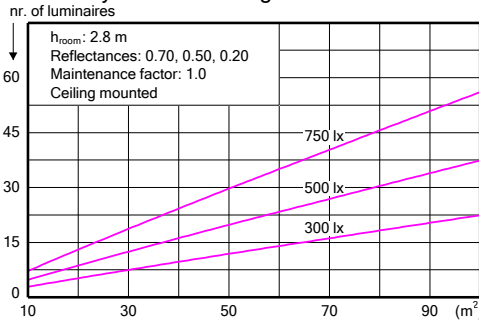
BVP359 S 30LED BL 220V L30 DMX 1xLED 15

1 x 1270 lm

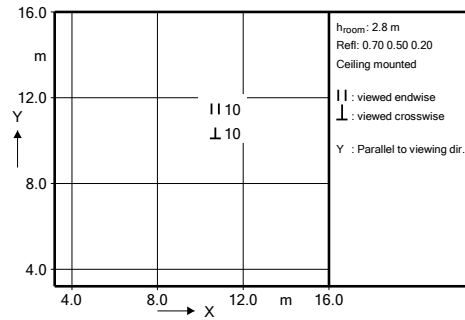
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 8  
 EN12464-1 65 deg, 500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	1962	1545	1567
50.0	1483	1134	1151
55.0	1089	805	819
60.0	749	534	544
65.0	494	338	345
70.0	292	190	195
75.0	196	120	123
80.0	174	99	102
85.0	157	81	84
90.0	161	73	75

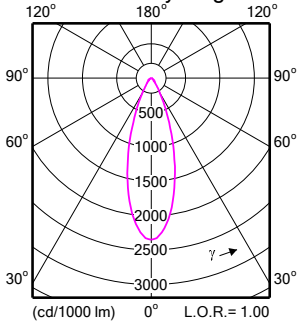
(cd/m2)

2021-08-30

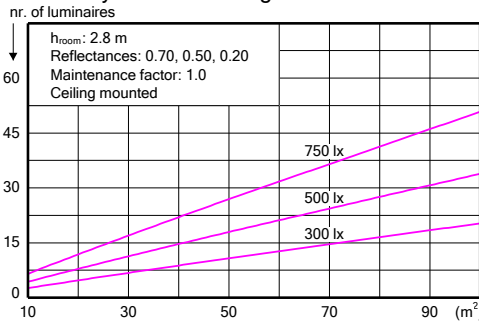
BVP359 S 30LED BL 220V L30 1xLED 30

1 x 1415 lm

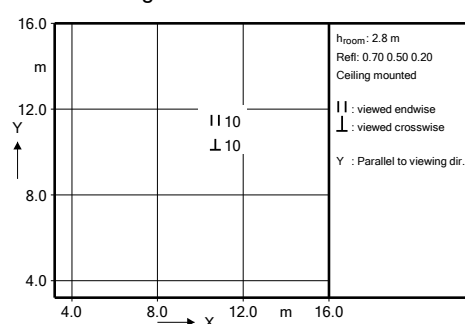
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

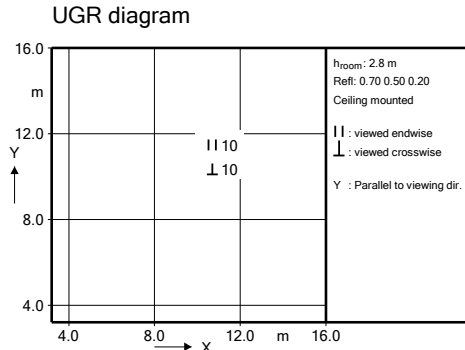
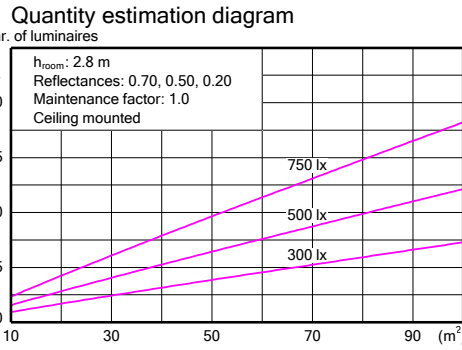
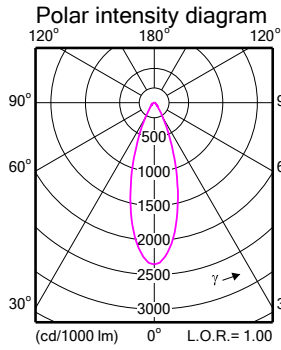
Plane Cone	0.0	45.0	90.0
45.0	2456	1934	1962
50.0	1938	1481	1504
55.0	1478	1093	1112
60.0	1085	774	789
65.0	788	539	550
70.0	536	349	357
75.0	382	235	241
80.0	288	164	169
85.0	230	119	123
90.0	227	102	106

(cd/m2)

2021-08-30

BVP359 S 30LED BL 220V L30 DMX 1xLED 30

1 x 1315 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

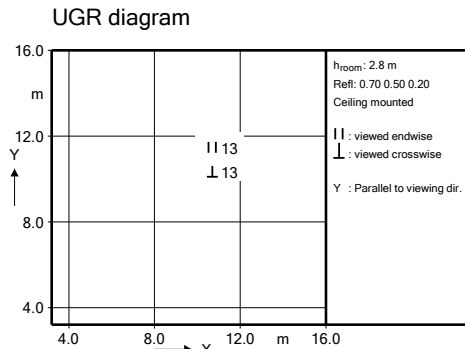
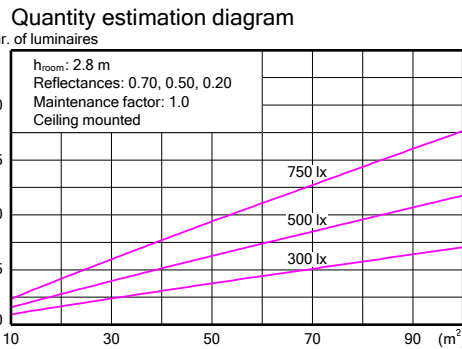
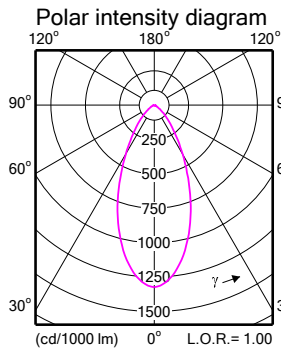
Plane Cone	0.0	45.0	90.0
45.0	2283	1798	1823
50.0	1801	1376	1398
55.0	1374	1016	1034
60.0	1009	719	733
65.0	732	501	511
70.0	498	325	332
75.0	355	218	224
80.0	268	153	157
85.0	214	111	114
90.0	211	95	98

(cd/m2)

2021-08-30

BVP359 S 30LED BL 220V L30 1xLED 45

1 x 1365 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4564	3594	3644
50.0	3061	2339	2376
55.0	1985	1468	1493
60.0	1230	877	893
65.0	711	486	496
70.0	322	210	214
75.0	178	109	112
80.0	175	100	103
85.0	183	95	98
90.0	208	93	97

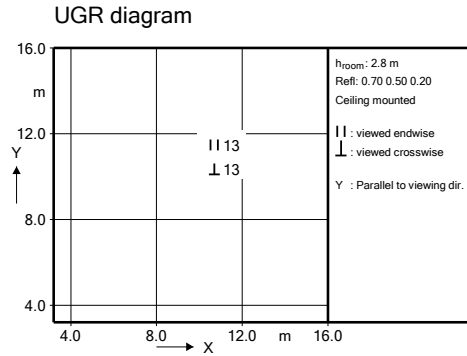
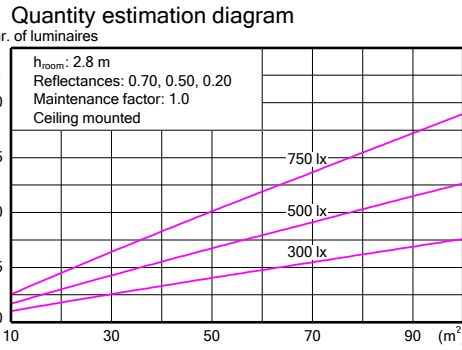
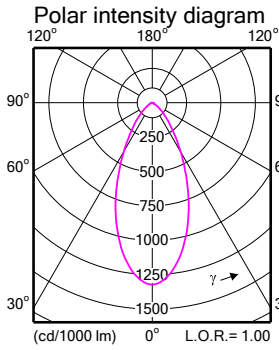
(cd/m2)

2021-08-30



BVP359 S 30LED BL 220V L30 DMX 1xLED 45

1 x 1270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

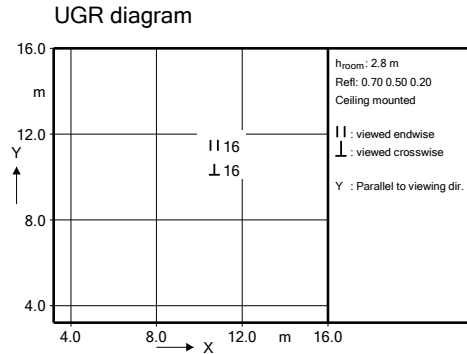
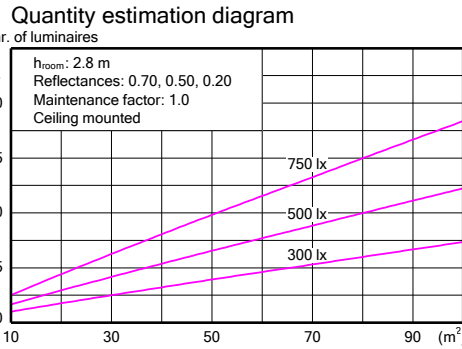
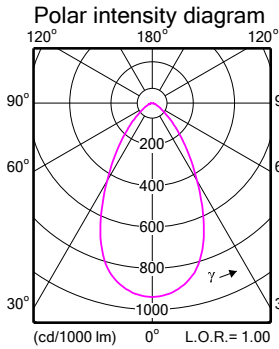
Plane Cone	0.0	45.0	90.0
45.0	4246	3344	3391
50.0	2848	2177	2211
55.0	1847	1366	1389
60.0	1144	816	831
65.0	661	452	462
70.0	299	195	199
75.0	166	102	104
80.0	163	93	96
85.0	170	88	91
90.0	193	87	90

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 30LED BL 220V L30 1xLED 60

1 x 1335 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5299	4173	4231
50.0	3601	2752	2795
55.0	2457	1817	1849
60.0	1778	1268	1292
65.0	1288	881	899
70.0	868	566	579
75.0	562	345	354
80.0	381	217	223
85.0	259	134	138
90.0	224	101	105

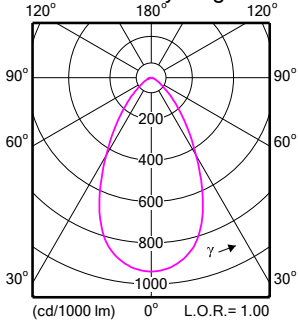
(cd/m<sup>2</sup>)

2021-08-30

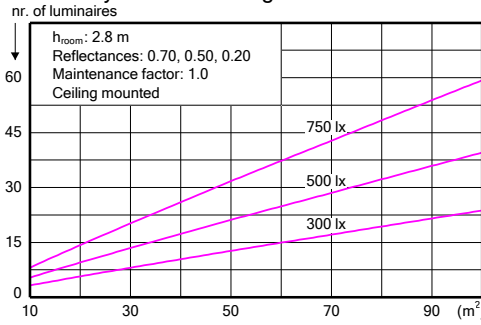
BVP359 S 30LED BL 220V L30 DMX 1xLED 60

1 x 1240 lm

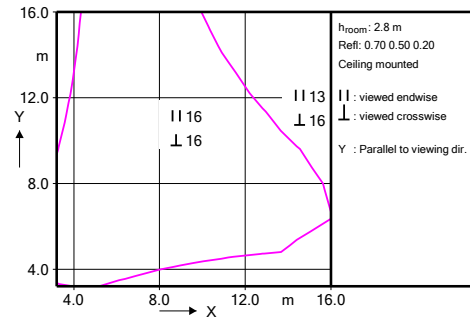
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																			
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.69	0.65	0.68	0.65	0.64	0.64	0.65	0.64	0.64
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.75	0.72	0.74	0.71	0.70	0.70	0.71	0.70	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.80	0.77	0.79	0.77	0.75	0.75	0.77	0.75	0.75
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.88	0.85	0.87	0.85	0.83	0.83	0.81	0.79	0.79
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.90	0.88	0.89	0.87	0.85	0.85	0.87	0.85	0.85
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.93	0.92	0.92	0.91	0.89	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.96	0.94	0.95	0.93	0.91	0.91	0.89	0.87	0.85
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.98	0.97	0.97	0.96	0.94	0.94	0.92	0.90	0.88
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95	0.95	0.93	0.91	0.89
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.01	1.01	1.01	1.01	0.99	0.97	0.95	0.93	0.91

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4922	3876	3930
50.0	3345	2556	2596
55.0	2282	1688	1717
60.0	1651	1178	1200
65.0	1196	818	835
70.0	807	526	538
75.0	522	321	329
80.0	353	202	207
85.0	241	125	129
90.0	208	94	97

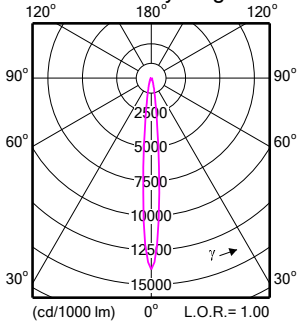
(cd/m2)

2021-08-30

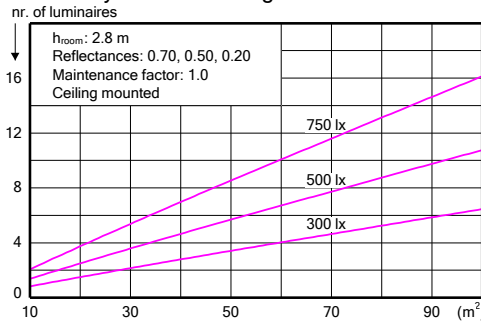
BVP359 S 30LED GN 220V L30 1xLED 10

1 x 4415 lm

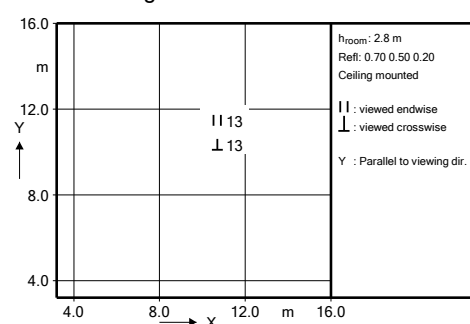
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																			
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.77	0.74	0.76	0.74	0.73	0.73	0.74	0.73	0.73
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79	0.78	0.78	0.79	0.78	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83	0.82	0.82	0.83	0.82	0.82
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86	0.85	0.85	0.86	0.85	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92	0.90	0.90	0.92	0.90	0.90
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.97	0.96	0.96	0.95	0.93	0.93	0.95	0.93	0.93
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.99	0.98	0.98	0.97	0.95	0.95	0.97	0.95	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.02	1.01	1.01	1.01	0.99	0.97	0.95	0.93	0.93
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.03	1.02	1.02	1.02	1.01	0.99	0.97	0.95	0.93
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.02	1.02	0.99	1.04	1.03	1.03	1.03	1.01	0.99	0.97	0.95	0.93

Ceiling mounted

Luminance Table

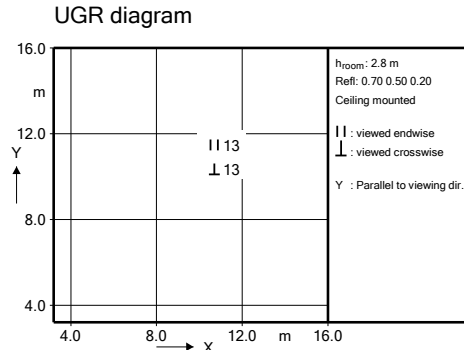
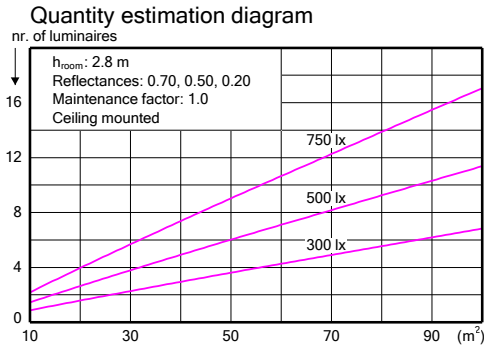
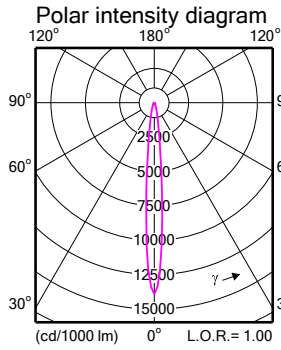
Plane Cone	0.0	45.0	90.0
45.0	7145	5627	5705
50.0	5272	4029	4091
55.0	3737	2764	2811
60.0	2584	1842	1877
65.0	1717	1175	1199
70.0	1025	668	683
75.0	738	453	465
80.0	748	426	439
85.0	723	374	386
90.0	813	366	379

(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 DMX 1xLED 10

1 x 4175 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

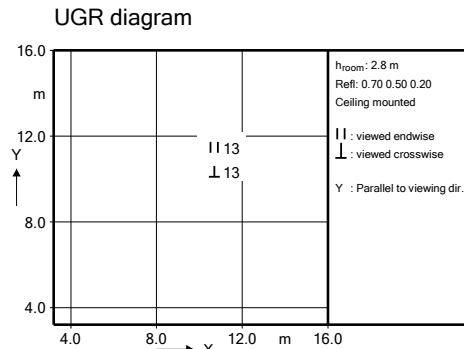
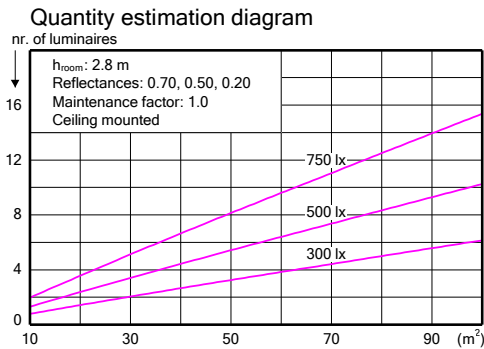
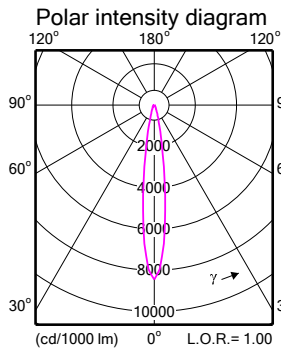
Plane Cone	0.0	45.0	90.0
45.0	6757	5321	5395
50.0	4985	3810	3869
55.0	3534	2613	2658
60.0	2443	1742	1775
65.0	1624	1111	1134
70.0	969	631	646
75.0	698	429	440
80.0	707	403	415
85.0	683	353	365
90.0	768	346	359

(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 1xLED 15

1 x 4635 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7161	5639	5718
50.0	5414	4137	4202
55.0	3974	2939	2990
60.0	2735	1950	1987
65.0	1804	1234	1260
70.0	1065	694	710
75.0	714	438	450
80.0	636	363	373
85.0	574	297	306
90.0	588	265	274

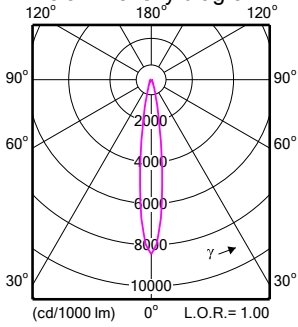
(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 DMX 1xLED 15

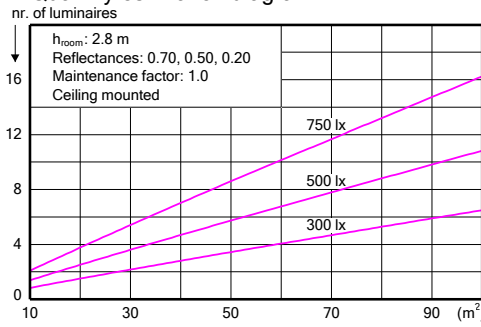
1 x 4385 lm

Polar intensity diagram

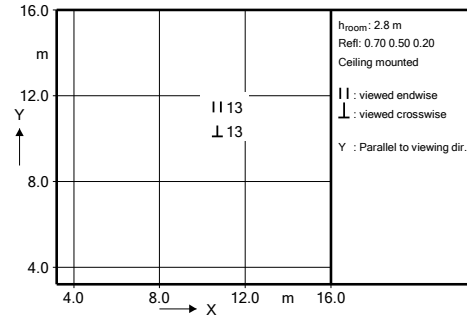


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 12  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6774	5335	5409
50.0	5122	3914	3975
55.0	3760	2781	2829
60.0	2587	1845	1880
65.0	1707	1167	1192
70.0	1008	656	672
75.0	675	415	426
80.0	602	343	353
85.0	543	281	290
90.0	556	250	260

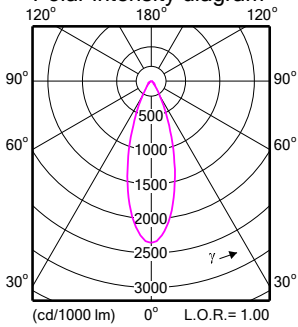
(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 1xLED 30

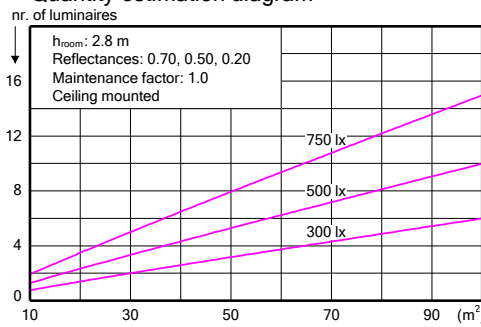
1 x 4800 lm

Polar intensity diagram

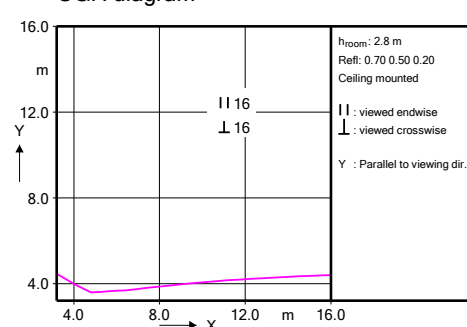


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8333	6562	6654
50.0	6574	5024	5102
55.0	5015	3709	3773
60.0	3683	2626	2676
65.0	2672	1828	1866
70.0	1819	1185	1212
75.0	1295	795	816
80.0	977	557	573
85.0	781	404	417
90.0	770	347	360

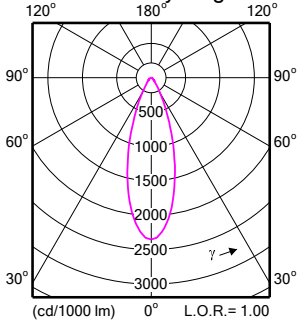
(cd/m2)

2021-08-30

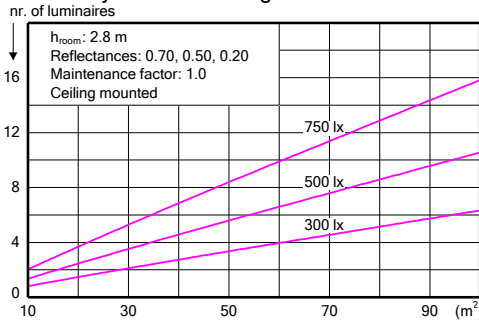
BVP359 S 30LED GN 220V L30 DMX 1xLED 30

1 x 4540 lm

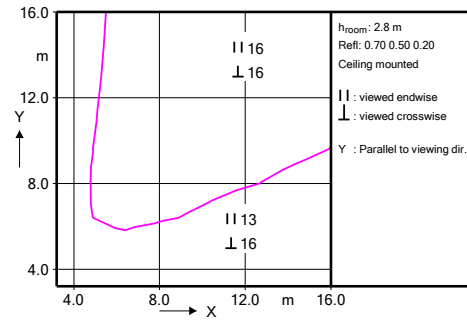
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7882	6207	6294
50.0	6218	4752	4826
55.0	4744	3508	3569
60.0	3483	2484	2531
65.0	2527	1729	1765
70.0	1720	1121	1147
75.0	1225	752	772
80.0	924	527	542
85.0	739	382	394
90.0	729	328	340

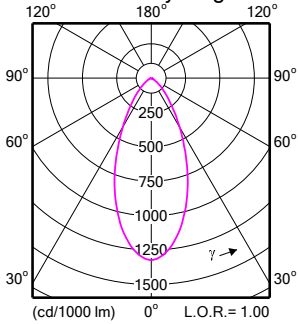
(cd/m2)

2021-08-30

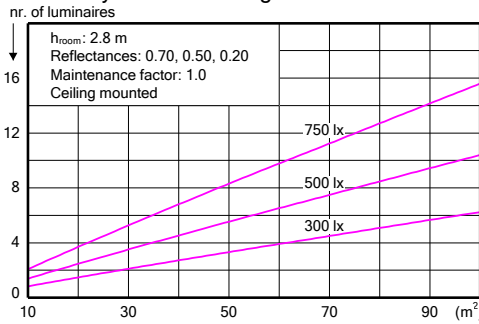
BVP359 S 30LED GN 220V L30 1xLED 45

1 x 4635 lm

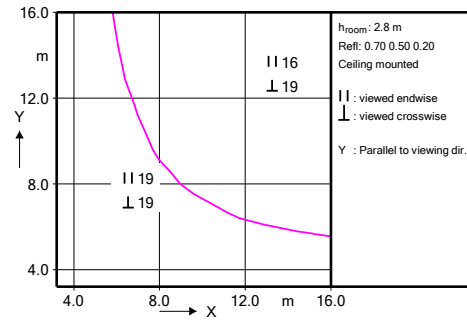
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 17  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

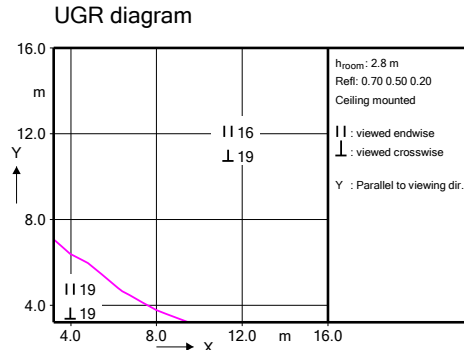
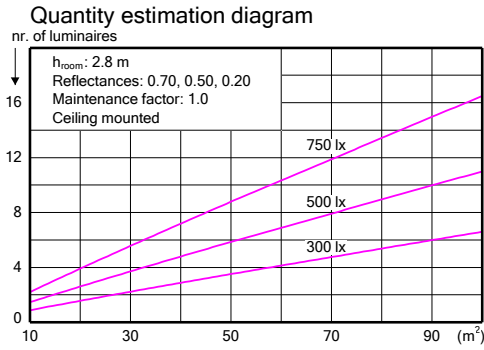
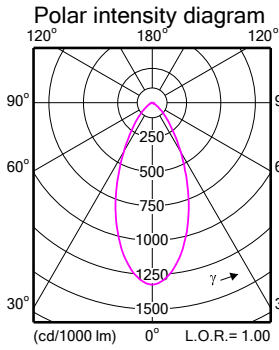
Plane Cone	0.0	45.0	90.0
45.0	15496	12203	12374
50.0	10395	7944	8067
55.0	6739	4984	5070
60.0	4175	2977	3034
65.0	2413	1650	1685
70.0	1092	712	728
75.0	604	371	381
80.0	595	339	349
85.0	621	321	332
90.0	705	317	329

(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 DMX 1xLED 45

1 x 4385 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

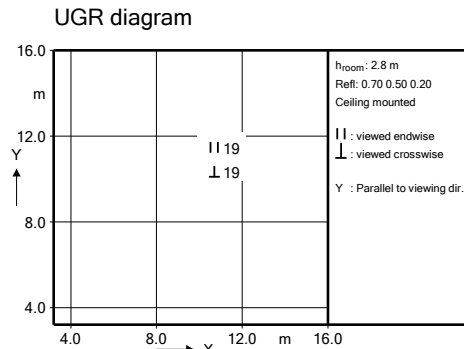
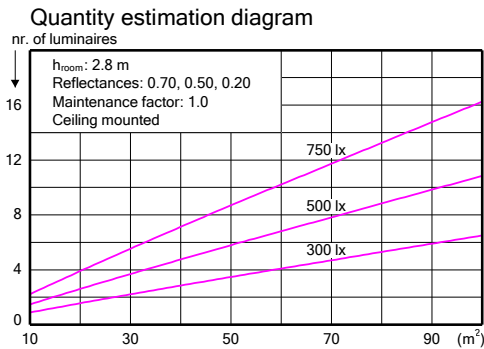
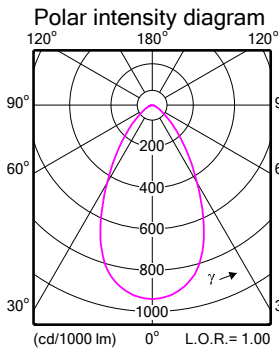
Plane Cone	0.0	45.0	90.0
45.0	14661	11545	11707
50.0	9834	7515	7632
55.0	6376	4715	4797
60.0	3950	2817	2870
65.0	2283	1561	1594
70.0	1033	673	689
75.0	572	351	360
80.0	563	321	330
85.0	588	304	314
90.0	667	300	311

(cd/m2)

2021-08-30

BVP359 S 30LED GN 220V L30 1xLED 60

1 x 4525 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	17961	14144	14342
50.0	12207	9329	9474
55.0	8328	6159	6266
60.0	6026	4297	4379
65.0	4365	2986	3048
70.0	2944	1918	1962
75.0	1905	1170	1200
80.0	1290	736	757
85.0	879	455	469
90.0	761	342	355

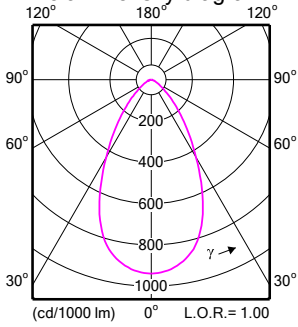
(cd/m2)

2021-08-30

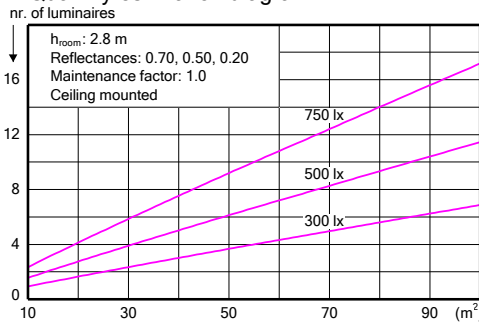
BVP359 S 30LED GN 220V L30 DMX 1xLED 60

1 x 4280 lm

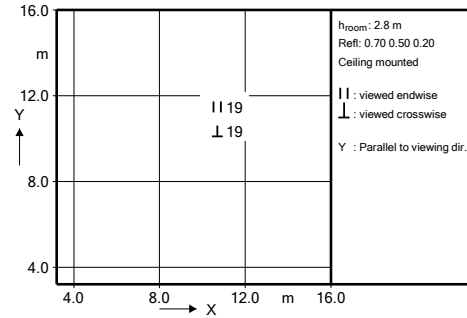
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16988	13378	13566
50.0	11546	8823	8961
55.0	7877	5826	5926
60.0	5700	4064	4142
65.0	4129	2824	2883
70.0	2784	1814	1856
75.0	1802	1107	1135
80.0	1220	696	716
85.0	832	430	444
90.0	719	324	336

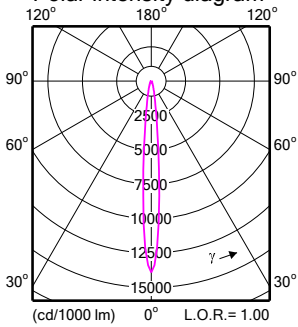
(cd/m<sup>2</sup>)

2021-08-30

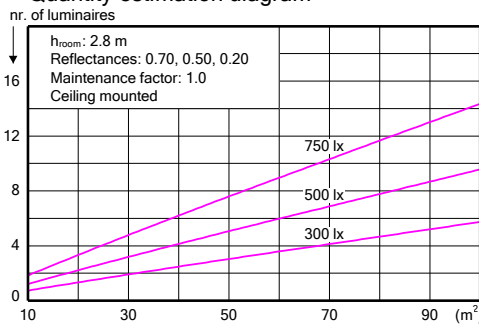
BVP359 S 32LED TW 220V L30 DMX 1xLED 10

1 x 4965 lm

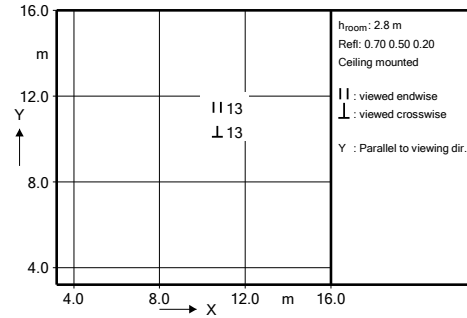
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8035	6327	6416
50.0	5928	4530	4601
55.0	4202	3108	3161
60.0	2906	2072	2111
65.0	1931	1321	1349
70.0	1152	751	768
75.0	830	510	523
80.0	841	480	493
85.0	813	420	434
90.0	914	411	426

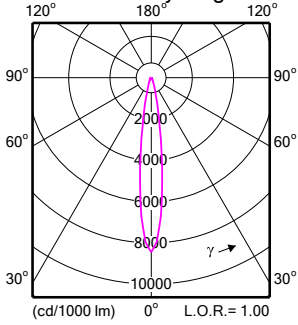
(cd/m<sup>2</sup>)

2021-08-30

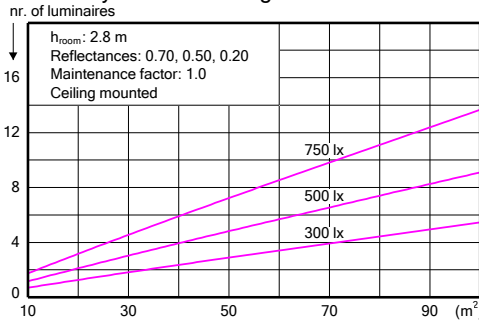
BVP359 S 32LED TW 220V L30 DMX 1xLED 15

1 x 5215 lm

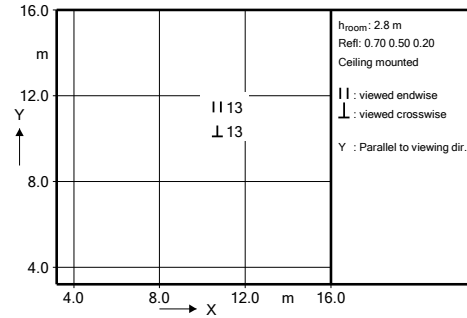
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8057	6344	6433
50.0	6091	4655	4727
55.0	4472	3307	3364
60.0	3077	2194	2236
65.0	2030	1388	1417
70.0	1198	781	799
75.0	803	493	506
80.0	716	408	420
85.0	645	334	345
90.0	662	298	309

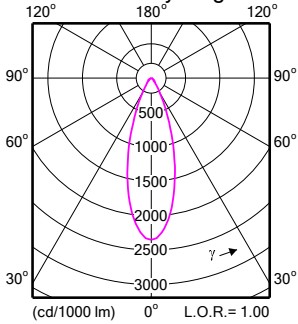
(cd/m2)

2021-08-30

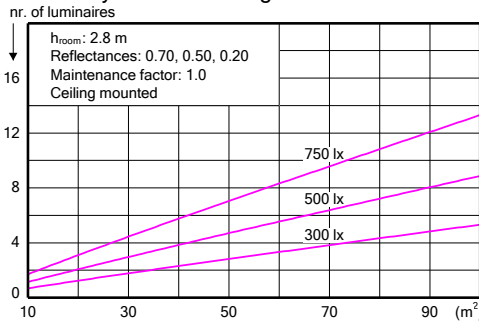
BVP359 S 32LED TW 220V L30 DMX 1xLED 30

1 x 5400 lm

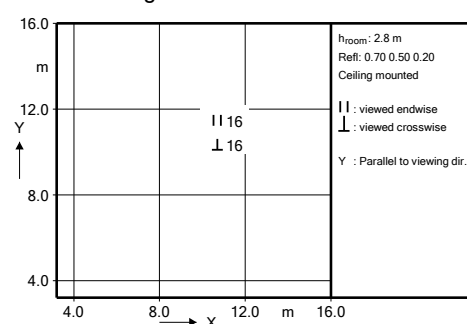
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9375	7382	7486
50.0	7396	5652	5740
55.0	5642	4173	4245
60.0	4143	2954	3011
65.0	3005	2056	2099
70.0	2046	1333	1364
75.0	1457	895	918
80.0	1099	627	645
85.0	879	454	469
90.0	867	390	404

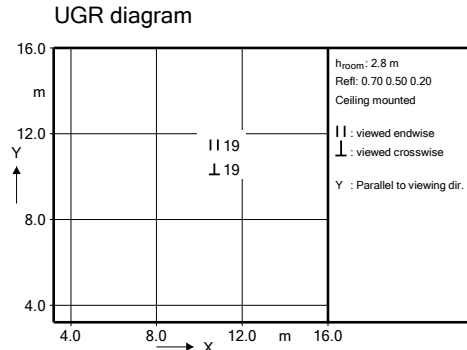
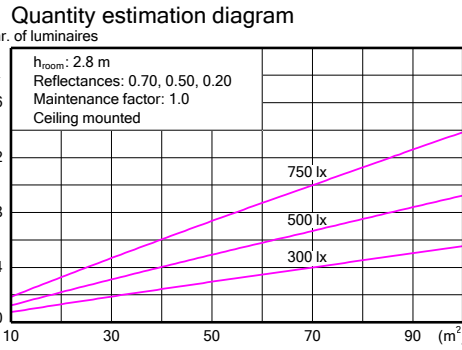
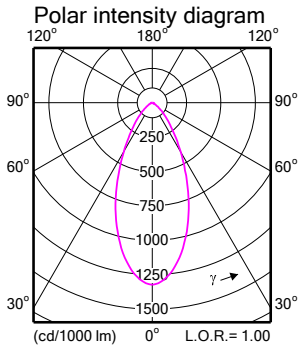
(cd/m2)

2021-08-30



BVP359 S 32LED TW 220V L30 DMX 1xLED 45

1 x 5215 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

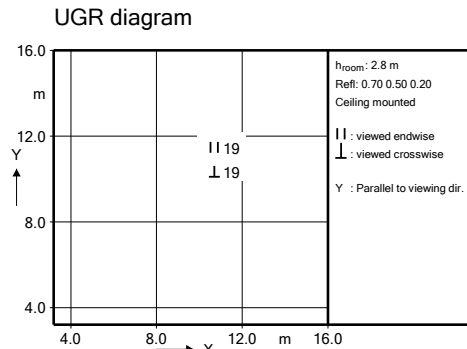
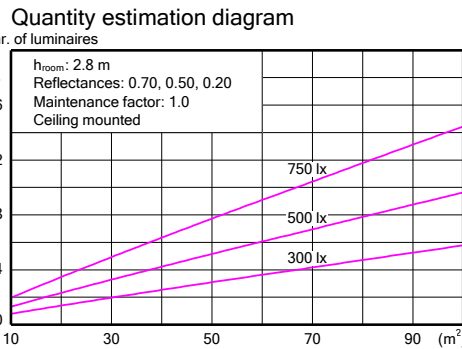
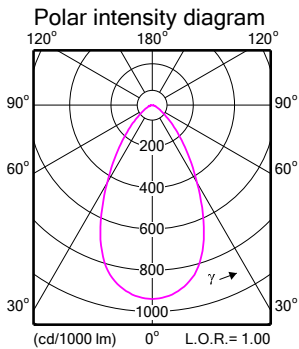
Plane Cone	0.0	45.0	90.0
45.0	17436	13730	13923
50.0	11696	8938	9077
55.0	7583	5608	5704
60.0	4698	3350	3413
65.0	2715	1857	1896
70.0	1229	801	819
75.0	680	417	428
80.0	669	382	393
85.0	699	362	373
90.0	793	357	370

(cd/m2)

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BVP359 S 32LED TW 220V L30 DMX 1xLED 60

1 x 5090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

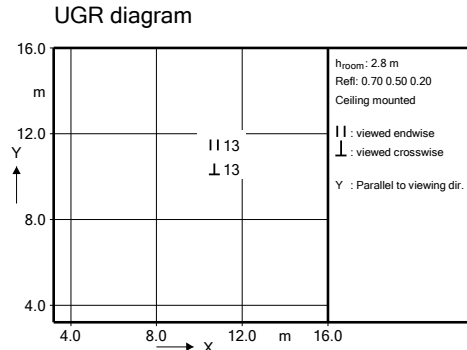
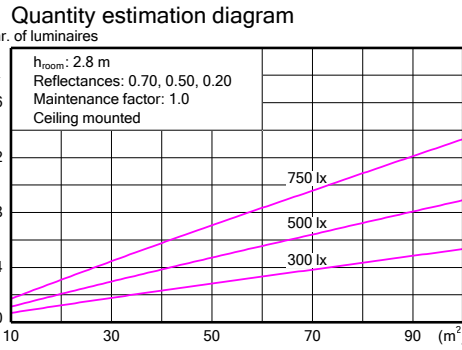
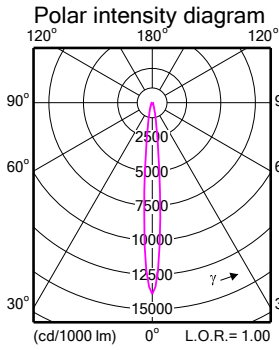
Plane Cone	0.0	45.0	90.0
45.0	20203	15910	16133
50.0	13731	10493	10657
55.0	9368	6929	7048
60.0	6778	4833	4925
65.0	4910	3358	3429
70.0	3311	2157	2207
75.0	2143	1316	1350
80.0	1451	828	851
85.0	989	511	528
90.0	855	385	399

(cd/m2)

2021-08-30

BVP359 S 36LED 22K 220V L35 1xLED 10

1 x 5335 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

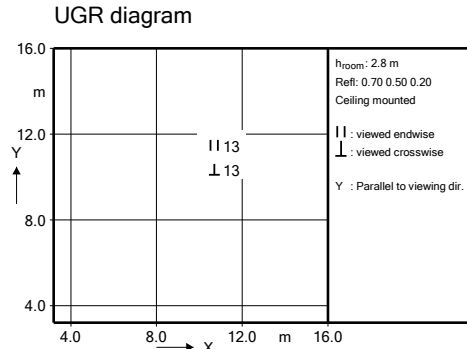
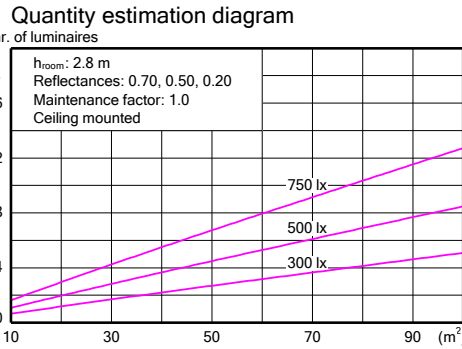
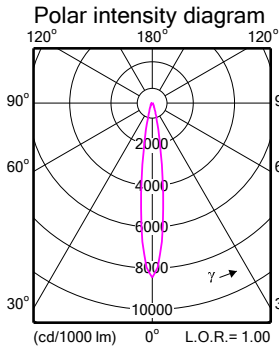
Plane Cone	0.0	45.0	90.0
45.0	7641	5932	5909
50.0	5664	4256	4238
55.0	4037	2925	2912
60.0	2808	1955	1944
65.0	1880	1249	1242
70.0	1132	712	708
75.0	825	485	482
80.0	849	458	454
85.0	840	403	400
90.0	982	397	393

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 22K 220V L35 1xLED 15

1 x 5600 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

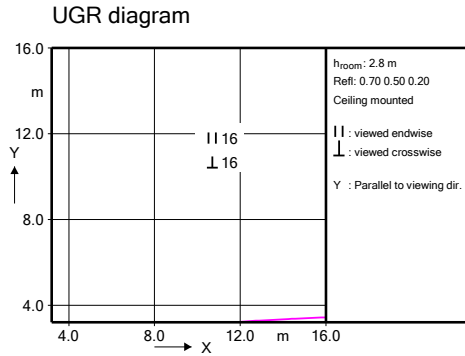
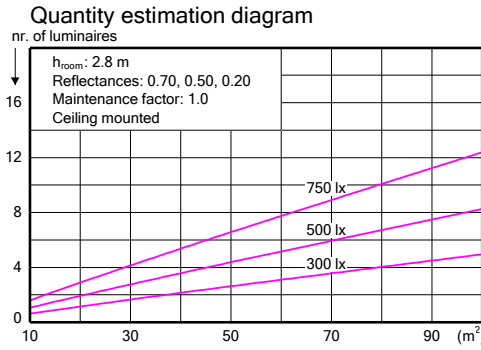
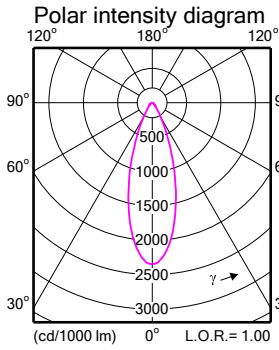
Plane Cone	0.0	45.0	90.0
45.0	7657	5944	5921
50.0	5816	4370	4351
55.0	4292	3111	3096
60.0	2972	2068	2058
65.0	1975	1312	1305
70.0	1176	740	735
75.0	798	469	466
80.0	723	390	387
85.0	667	320	317
90.0	711	287	284

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 22K 220V L35 1xLED 30

1 x 5800 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

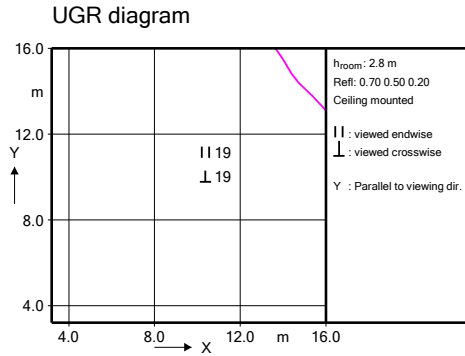
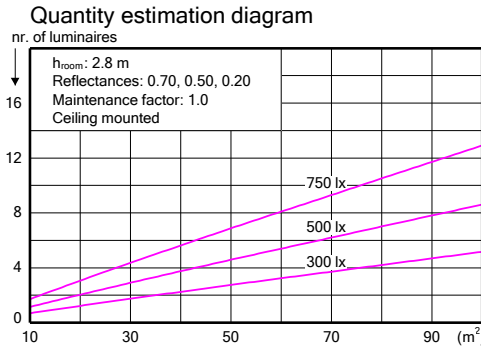
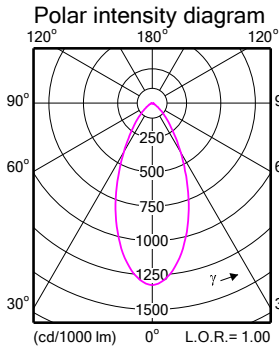
Plane Cone	0.0	45.0	90.0
45.0	8912	6918	6892
50.0	7064	5307	5284
55.0	5417	3926	3908
60.0	4003	2786	2772
65.0	2925	1944	1933
70.0	2009	1264	1256
75.0	1448	851	845
80.0	1110	598	594
85.0	908	436	432
90.0	931	376	372

(cd/m<sup>2</sup>)

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BVP359 S 36LED 22K 220V L35 1xLED 45

1 x 5600 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	16571	12864	12815
50.0	11168	8390	8355
55.0	7279	5275	5250
60.0	4537	3158	3142
65.0	2641	1755	1745
70.0	1207	759	754
75.0	675	397	394
80.0	676	364	361
85.0	722	347	344
90.0	852	344	341

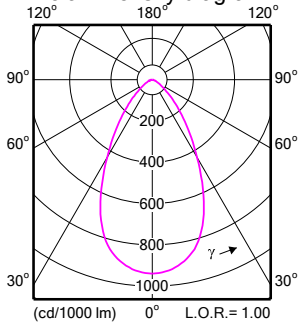
(cd/m<sup>2</sup>)

2021-08-30

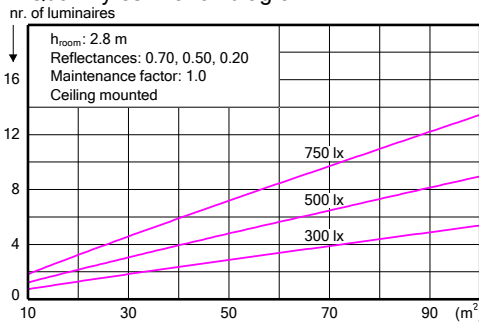
BVP359 S 36LED 22K 220V L35 1xLED 60

1 x 5470 lm

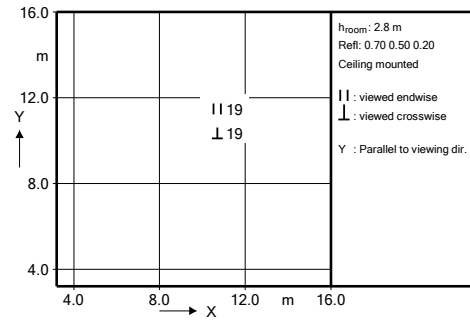
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19216	14917	14860
50.0	13121	9858	9816
55.0	9000	6523	6492
60.0	6552	4560	4537
65.0	4781	3176	3158
70.0	3254	2046	2033
75.0	2130	1252	1243
80.0	1466	790	784
85.0	1023	491	486
90.0	919	371	368

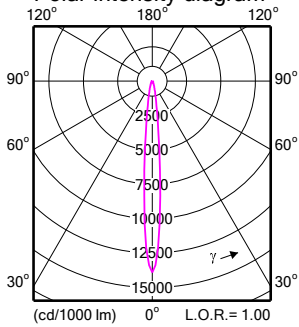
(cd/m<sup>2</sup>)

2021-08-30

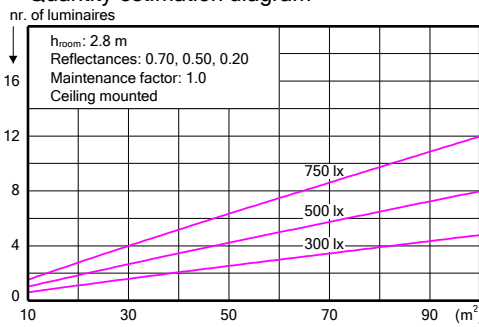
BVP359 S 36LED 27K 220V L35 1xLED 10

1 x 5950 lm

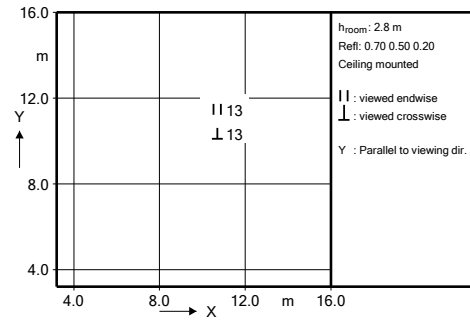
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8522	6616	6591
50.0	6317	4746	4726
55.0	4502	3263	3247
60.0	3132	2180	2169
65.0	2097	1393	1385
70.0	1263	794	789
75.0	920	541	537
80.0	947	511	507
85.0	937	450	446
90.0	1095	442	438

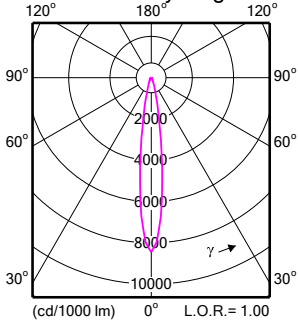
(cd/m<sup>2</sup>)

2021-08-30

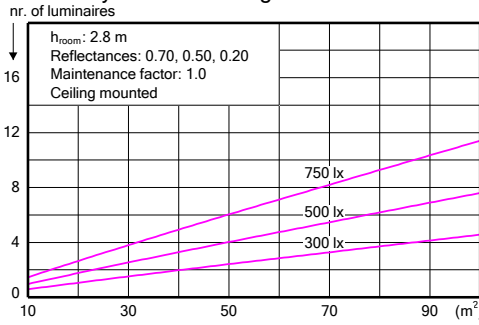
BVP359 S 36LED 27K 220V L35 1xLED 15

1 x 6245 lm

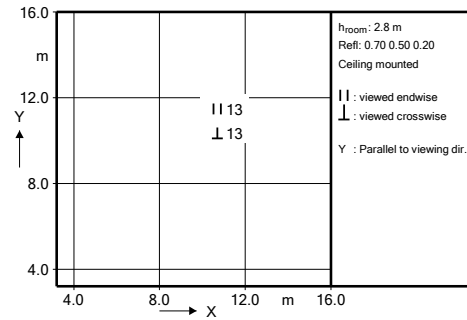
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8539	6629	6603
50.0	6486	4873	4852
55.0	4787	3469	3453
60.0	3314	2307	2295
65.0	2202	1463	1455
70.0	1312	825	820
75.0	890	523	519
80.0	806	435	431
85.0	744	357	354
90.0	792	320	317

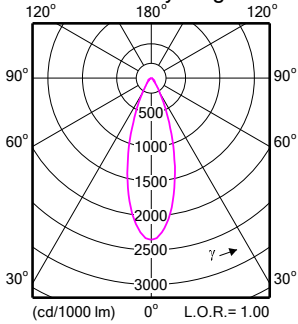
(cd/m2)

2021-08-30

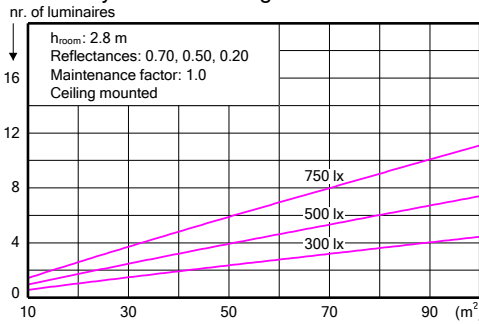
BVP359 S 36LED 27K 220V L35 1xLED 30

1 x 6470 lm

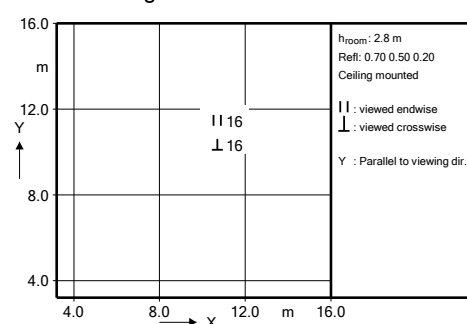
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

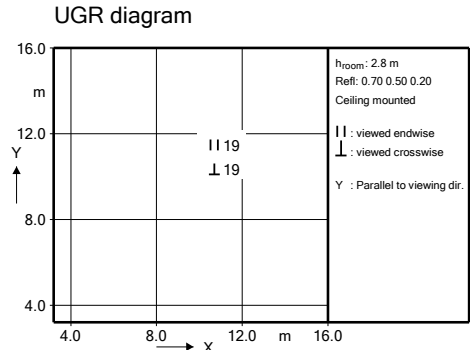
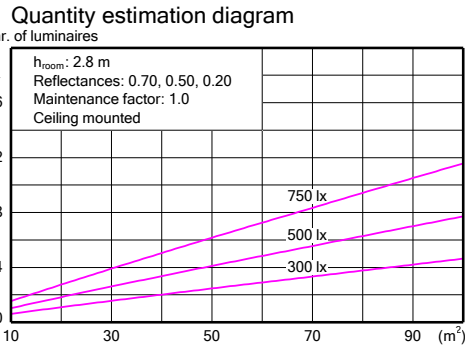
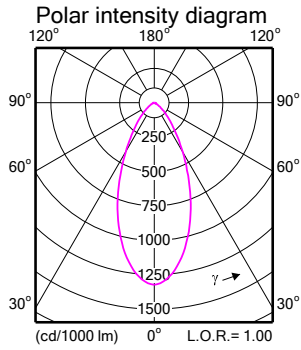
Plane Cone	0.0	45.0	90.0
45.0	9941	7717	7688
50.0	7879	5920	5895
55.0	6043	4380	4359
60.0	4465	3108	3092
65.0	3263	2168	2156
70.0	2241	1410	1401
75.0	1615	949	943
80.0	1238	667	662
85.0	1013	486	482
90.0	1038	420	415

(cd/m2)

2021-08-30

BVP359 S 36LED 27K 220V L35 1xLED 45

1 x 6245 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

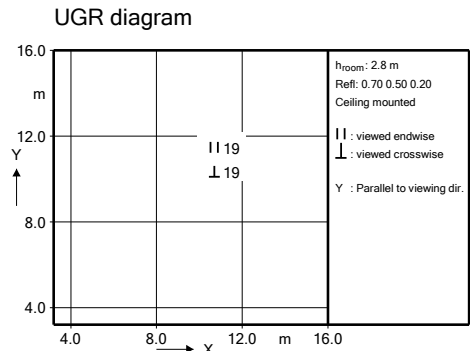
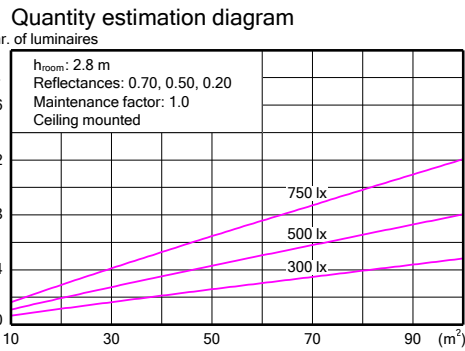
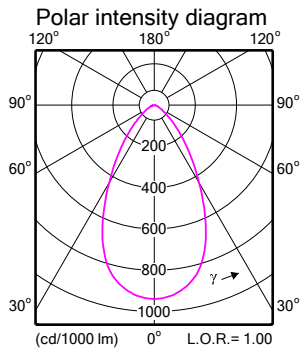
Plane Cone	0.0	45.0	90.0
45.0	18479	14345	14291
50.0	12454	9356	9317
55.0	8117	5883	5855
60.0	5060	3522	3504
65.0	2946	1957	1946
70.0	1345	846	841
75.0	753	443	440
80.0	753	406	403
85.0	806	386	383
90.0	950	384	380

(cd/m2)

2021-08-30

BVP359 S 36LED 27K 220V L35 1xLED 60

1 x 6100 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

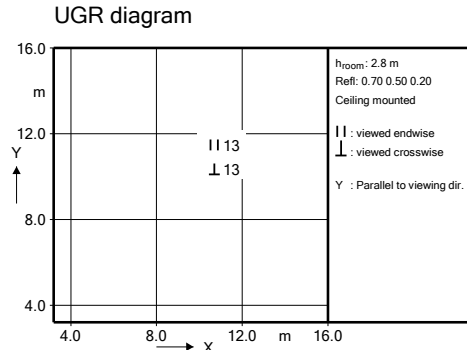
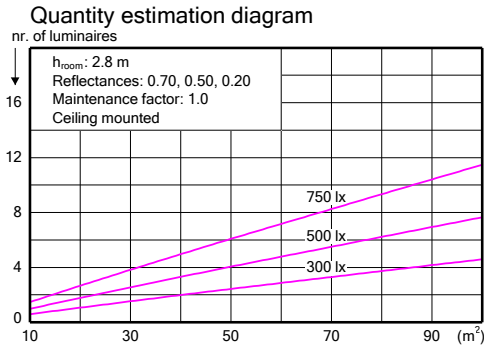
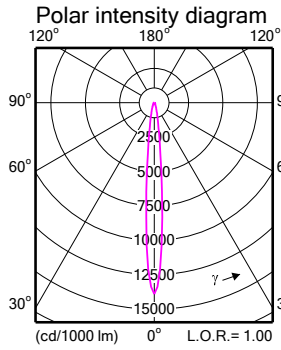
Plane Cone	0.0	45.0	90.0
45.0	21429	16635	16572
50.0	14632	10993	10947
55.0	10036	7274	7240
60.0	7307	5086	5059
65.0	5331	3542	3522
70.0	3628	2282	2267
75.0	2375	1396	1387
80.0	1634	881	874
85.0	1141	547	542
90.0	1025	414	410

(cd/m2)

2021-08-30

BVP359 S 36LED 30K 220V L35 1xLED 10

1 x 6205 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

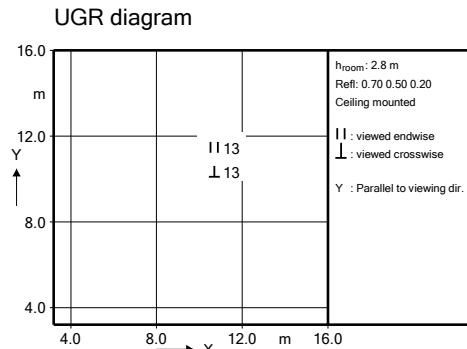
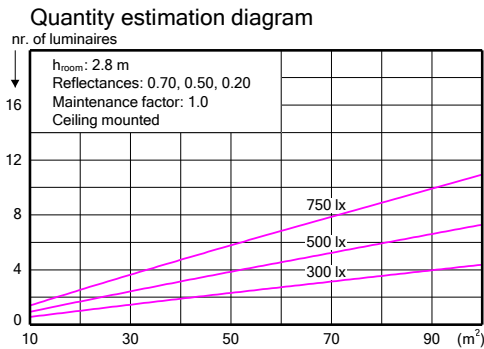
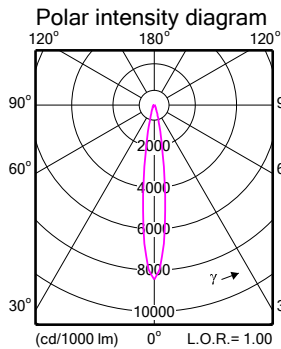
Plane Cone	0.0	45.0	90.0
45.0	8888	6899	6873
50.0	6588	4950	4929
55.0	4695	3402	3387
60.0	3266	2273	2262
65.0	2187	1453	1445
70.0	1317	828	823
75.0	960	564	560
80.0	988	533	528
85.0	977	469	465
90.0	1142	461	457

(cd/m2)

2021-08-30

BVP359 S 36LED 30K 220V L35 1xLED 15

1 x 6515 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

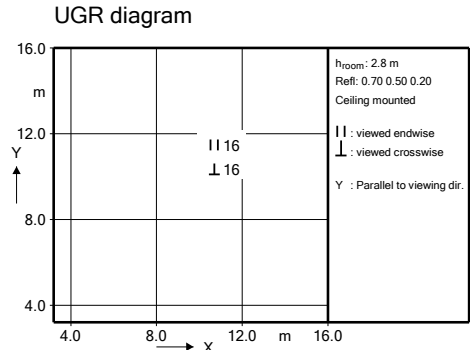
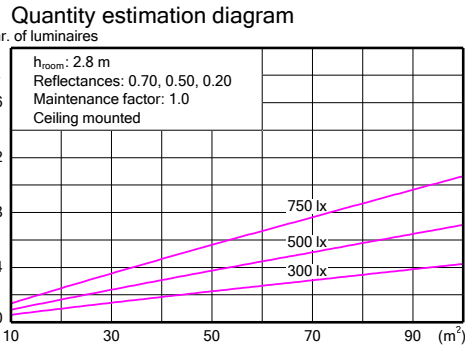
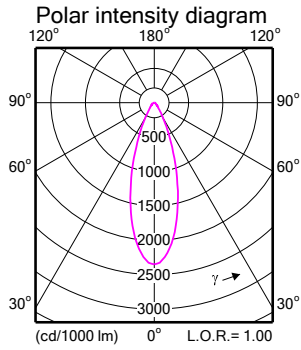
Plane Cone	0.0	45.0	90.0
45.0	8908	6915	6889
50.0	6766	5084	5062
55.0	4994	3619	3602
60.0	3457	2406	2394
65.0	2297	1526	1518
70.0	1369	861	855
75.0	928	546	542
80.0	841	453	450
85.0	776	372	369
90.0	827	334	331

(cd/m2)

2021-08-30

BVP359 S 36LED 30K 220V L35 1xLED 30

1 x 6750 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

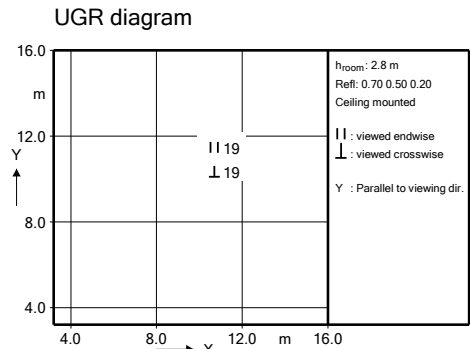
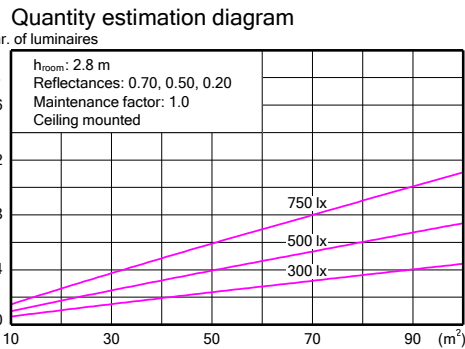
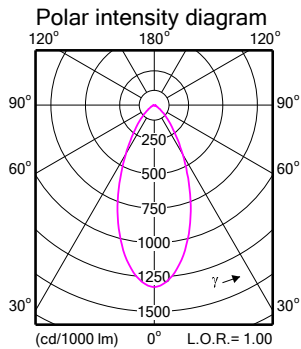
Plane Cone	0.0	45.0	90.0
45.0	10371	8051	8020
50.0	8220	6176	6150
55.0	6305	4569	4548
60.0	4658	3242	3226
65.0	3405	2262	2249
70.0	2338	1470	1461
75.0	1685	990	984
80.0	1291	696	691
85.0	1057	507	503
90.0	1083	438	433

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 30K 220V L35 1xLED 45

1 x 6515 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19278	14965	14908
50.0	12992	9761	9720
55.0	8468	6137	6108
60.0	5279	3674	3655
65.0	3073	2042	2030
70.0	1404	883	877
75.0	786	462	459
80.0	786	424	420
85.0	840	403	400
90.0	991	400	396

(cd/m<sup>2</sup>)

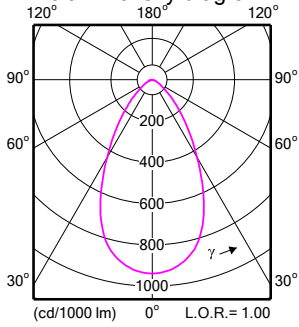
2021-08-30



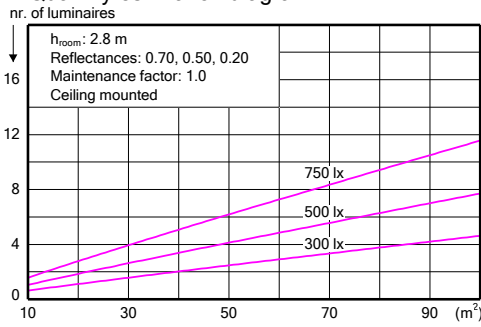
BVP359 S 36LED 30K 220V L35 1xLED 60

1 x 6360 lm

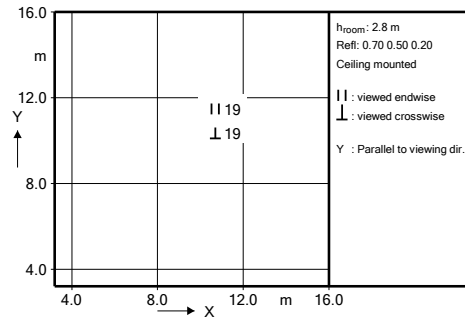
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	22343	17344	17278
50.0	15256	11462	11413
55.0	10464	7584	7548
60.0	7618	5302	5275
65.0	5559	3693	3672
70.0	3783	2379	2364
75.0	2477	1456	1446
80.0	1704	919	912
85.0	1189	571	566
90.0	1069	432	428

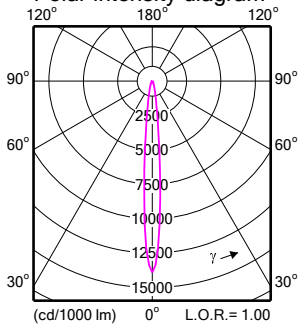
(cd/m<sup>2</sup>)

2021-08-30

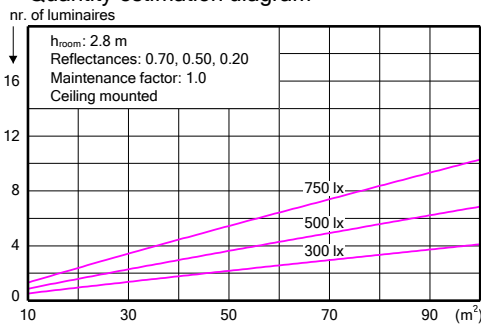
BVP359 S 36LED 40K 220V L35 1xLED 10

1 x 6925 lm

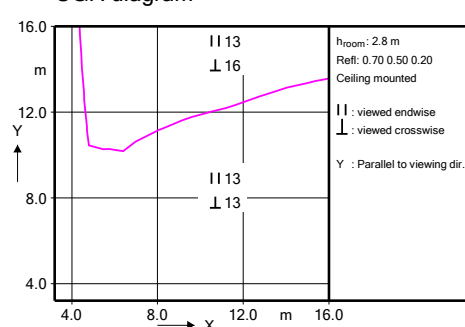
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9919	7700	7671
50.0	7353	5524	5501
55.0	5240	3797	3780
60.0	3645	2537	2524
65.0	2441	1622	1612
70.0	1470	924	918
75.0	1071	630	625
80.0	1102	594	590
85.0	1091	523	519
90.0	1274	515	510

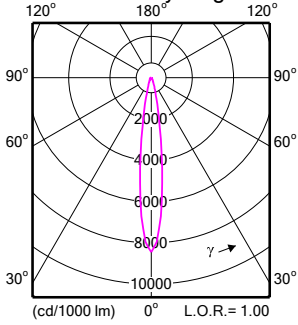
(cd/m<sup>2</sup>)

2021-08-30

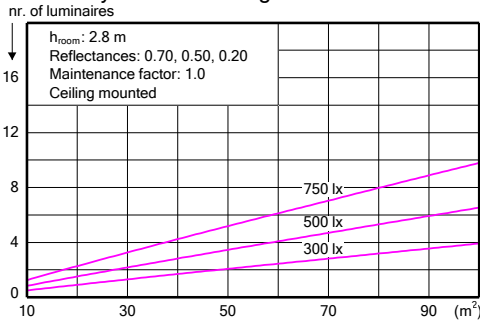
BVP359 S 36LED 40K 220V L35 1xLED 15

1 x 7270 lm

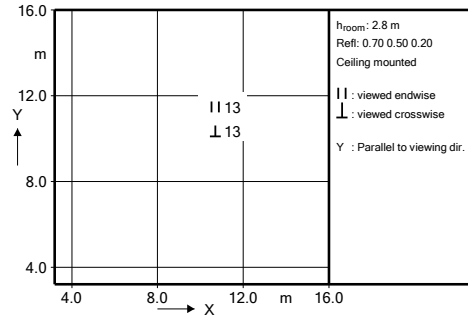
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9940	7716	7687
50.0	7551	5673	5649
55.0	5573	4039	4020
60.0	3858	2685	2671
65.0	2564	1703	1694
70.0	1527	960	954
75.0	1036	609	605
80.0	938	506	502
85.0	866	415	412
90.0	922	373	369

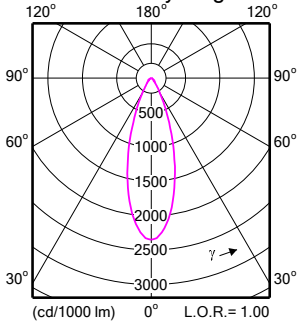
(cd/m2)

2021-08-30

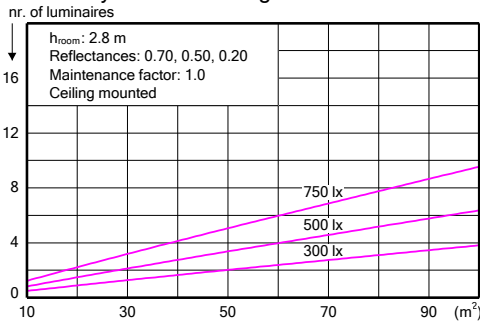
BVP359 S 36LED 40K 220V L35 1xLED 30

1 x 7530 lm

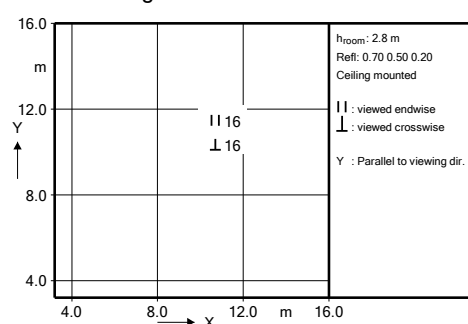
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

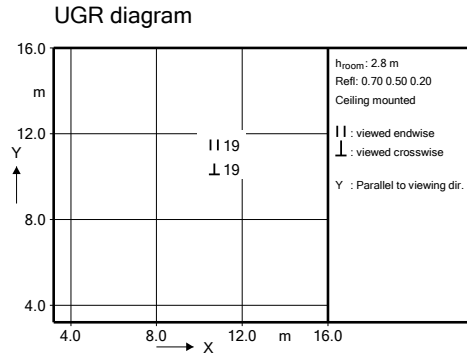
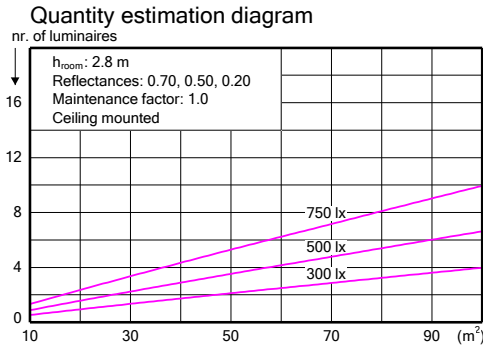
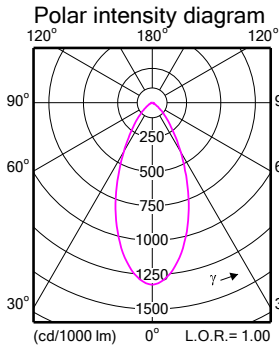
Plane Cone	0.0	45.0	90.0
45.0	11570	8981	8947
50.0	9170	6890	6861
55.0	7033	5097	5073
60.0	5197	3617	3598
65.0	3798	2524	2509
70.0	2609	1640	1630
75.0	1880	1105	1097
80.0	1441	777	771
85.0	1179	566	561
90.0	1209	488	483

(cd/m2)

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1 x 7270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

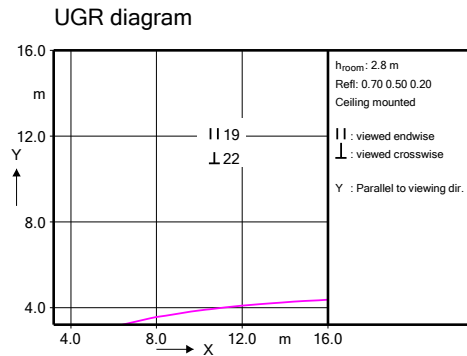
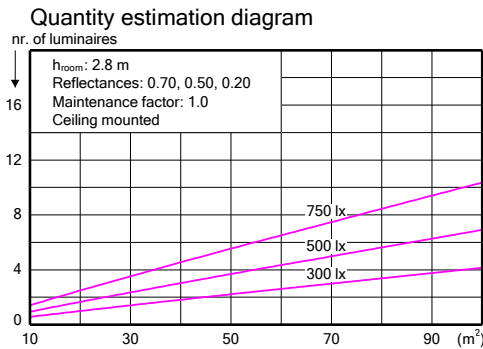
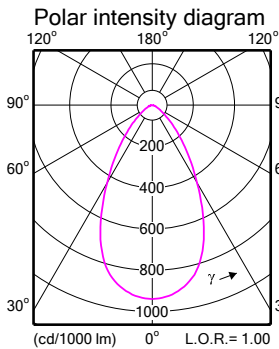
Plane Cone	0.0	45.0	90.0
45.0	21512	16700	16636
50.0	14498	10892	10846
55.0	9449	6848	6816
60.0	5890	4100	4079
65.0	3429	2278	2265
70.0	1566	985	979
75.0	877	515	512
80.0	877	473	469
85.0	938	450	446
90.0	1106	447	442

(cd/m<sup>2</sup>)

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1 x 7100 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

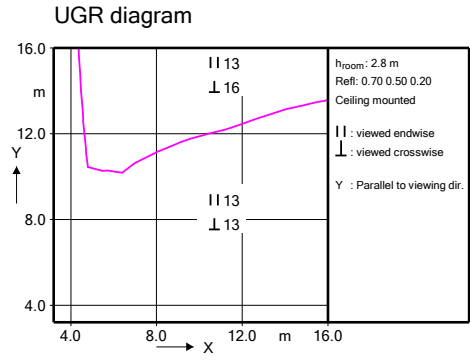
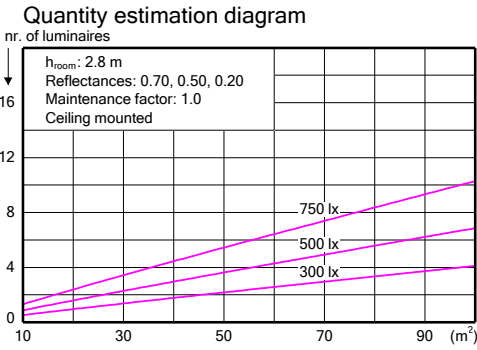
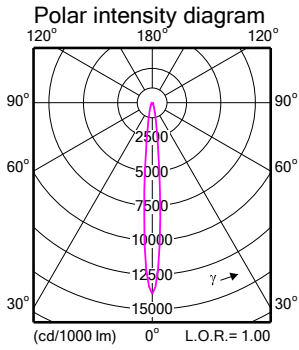
Plane Cone	0.0	45.0	90.0
45.0	24942	19362	19289
50.0	17031	12795	12741
55.0	11682	8466	8427
60.0	8504	5919	5889
65.0	6205	4123	4100
70.0	4223	2656	2639
75.0	2765	1625	1614
80.0	1902	1026	1018
85.0	1328	637	631
90.0	1193	482	477

(cd/m<sup>2</sup>)

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BVP359 S 36LED 50K 220V L35 1xLED 10

1 x 6925 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

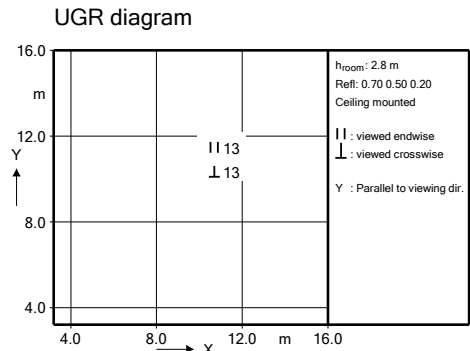
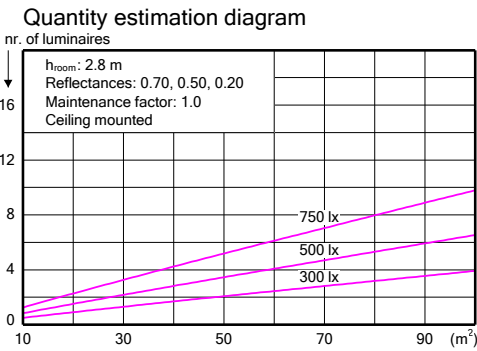
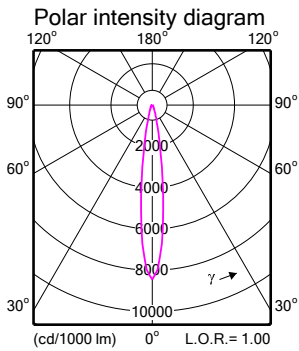
Plane Cone	0.0	45.0	90.0
45.0	9919	7700	7671
50.0	7353	5524	5501
55.0	5240	3797	3780
60.0	3645	2537	2524
65.0	2441	1622	1612
70.0	1470	924	918
75.0	1071	630	625
80.0	1102	594	590
85.0	1091	523	519
90.0	1274	515	510

(cd/m2)

2021-08-30

BVP359 S 36LED 50K 220V L35 1xLED 15

1 x 7270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

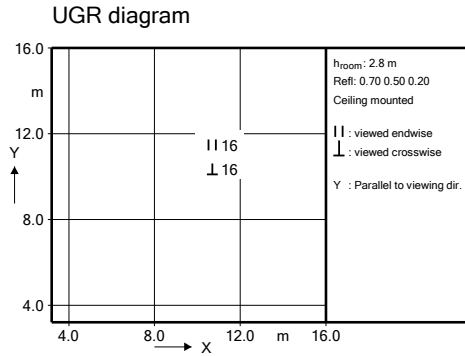
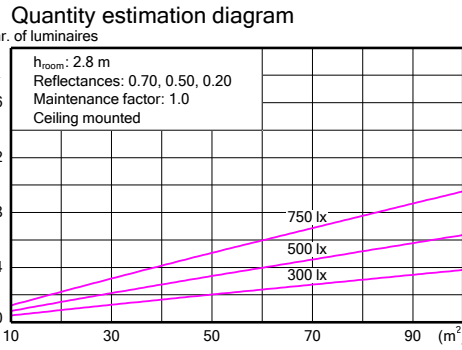
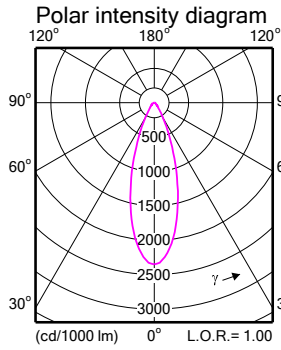
Plane Cone	0.0	45.0	90.0
45.0	9940	7716	7687
50.0	7551	5673	5649
55.0	5573	4039	4020
60.0	3858	2685	2671
65.0	2564	1703	1694
70.0	1527	960	954
75.0	1036	609	605
80.0	938	506	502
85.0	866	415	412
90.0	922	373	369

(cd/m2)

2021-08-30

BVP359 S 36LED 50K 220V L35 1xLED 30

1 x 7530 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Luminance Table

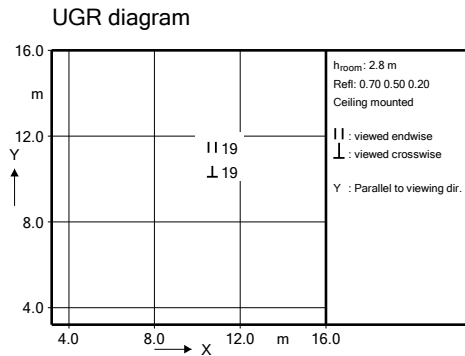
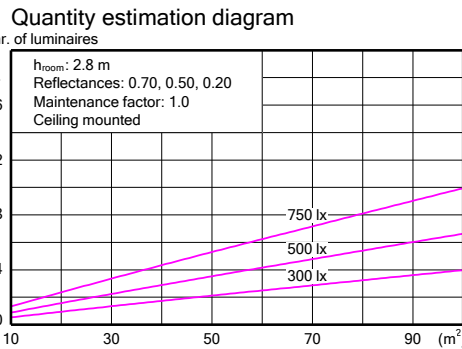
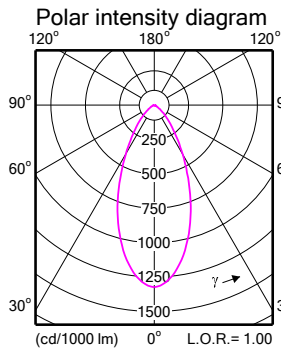
Plane Cone	0.0	45.0	90.0
45.0	11570	8981	8947
50.0	9170	6890	6861
55.0	7033	5097	5073
60.0	5197	3617	3598
65.0	3798	2524	2509
70.0	2609	1640	1630
75.0	1880	1105	1097
80.0	1441	777	771
85.0	1179	566	561
90.0	1209	488	483

Ceiling mounted

2021-08-30

BVP359 S 36LED 50K 220V L35 1xLED 45

1 x 7270 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21512	16700	16636
50.0	14498	10892	10846
55.0	9449	6848	6816
60.0	5890	4100	4079
65.0	3429	2278	2265
70.0	1566	985	979
75.0	877	515	512
80.0	877	473	469
85.0	938	450	446
90.0	1106	447	442

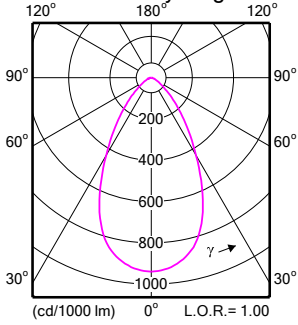
Ceiling mounted

2021-08-30

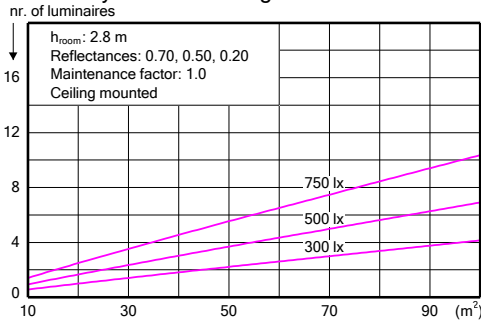
BVP359 S 36LED 50K 220V L35 1xLED 60

1 x 7100 lm

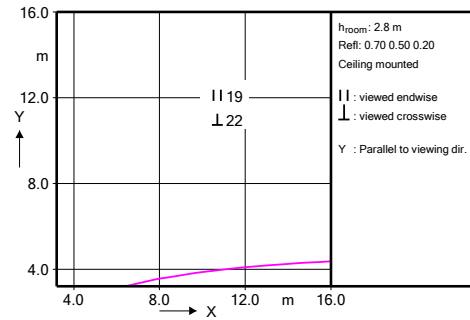
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24942	19362	19289
50.0	17031	12795	12741
55.0	11682	8466	8427
60.0	8504	5919	5889
65.0	6205	4123	4100
70.0	4223	2656	2639
75.0	2765	1625	1614
80.0	1902	1026	1018
85.0	1328	637	631
90.0	1193	482	477

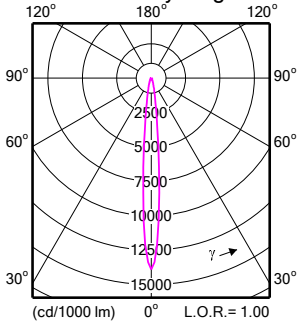
(cd/m<sup>2</sup>)

2021-08-30

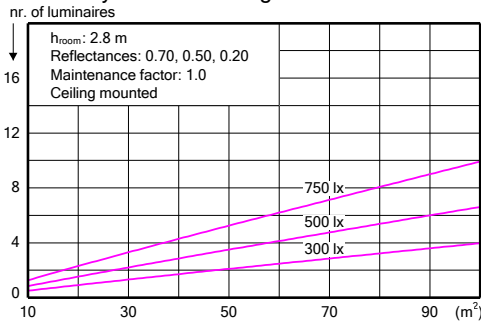
BVP359 S 36LED 57K 220V L35 1xLED 10

1 x 7180 lm

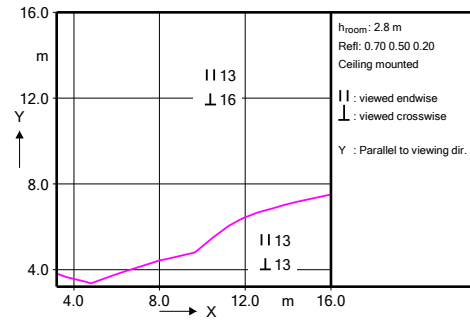
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10284	7983	7953
50.0	7623	5727	5703
55.0	5432	3937	3919
60.0	3779	2630	2617
65.0	2531	1681	1672
70.0	1524	958	952
75.0	1111	653	648
80.0	1143	616	612
85.0	1131	543	538
90.0	1321	534	529

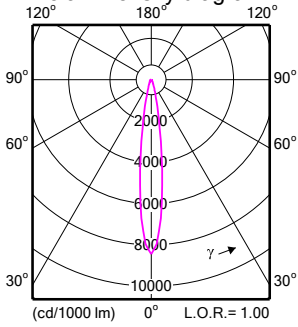
(cd/m<sup>2</sup>)

2021-08-30

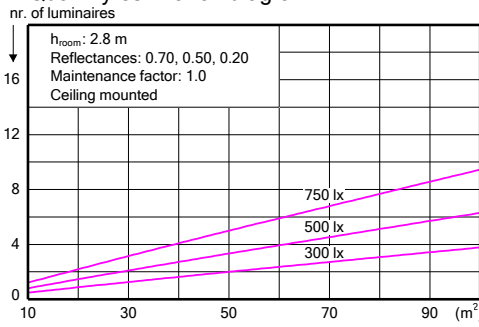
BVP359 S 36LED 57K 220V L35 1xLED 15

1 x 7540 lm

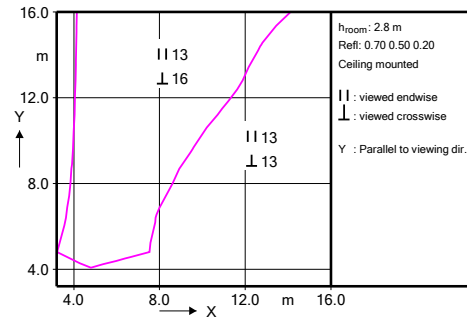
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10309	8003	7973
50.0	7831	5883	5859
55.0	5780	4189	4169
60.0	4001	2785	2771
65.0	2659	1766	1756
70.0	1584	996	990
75.0	1074	632	627
80.0	973	525	521
85.0	898	431	427
90.0	957	387	383

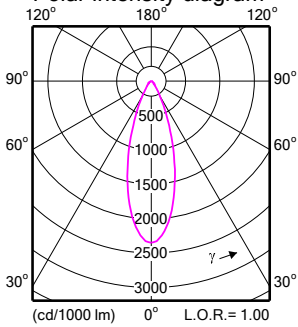
(cd/m<sup>2</sup>)

2021-08-30

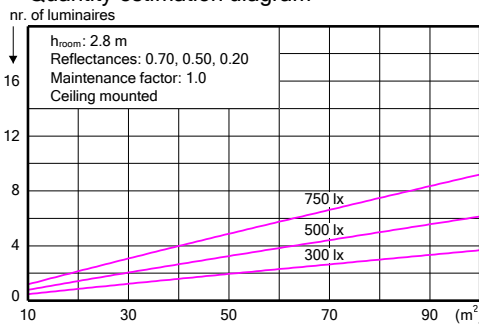
BVP359 S 36LED 57K 220V L35 1xLED 30

1 x 7810 lm

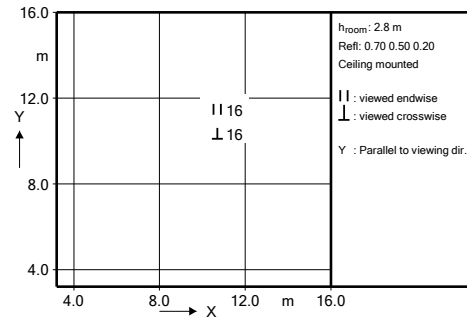
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

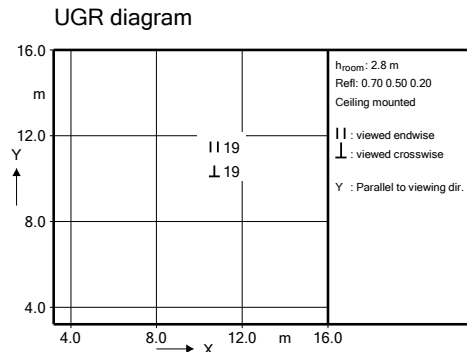
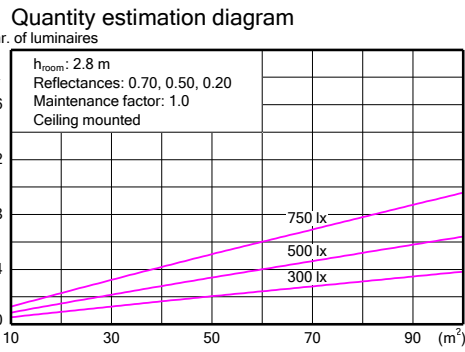
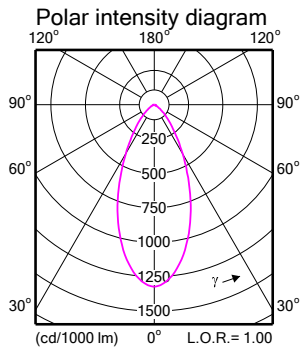
Plane Cone	0.0	45.0	90.0
45.0	12000	9315	9280
50.0	9511	7146	7116
55.0	7295	5287	5262
60.0	5390	3752	3732
65.0	3939	2617	2602
70.0	2706	1701	1691
75.0	1950	1146	1138
80.0	1494	806	799
85.0	1223	587	582
90.0	1254	507	501

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 57K 220V L35 1xLED 45

1 x 7540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

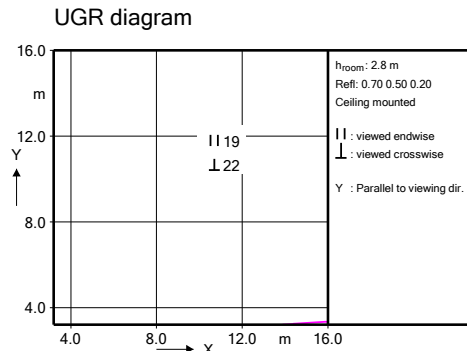
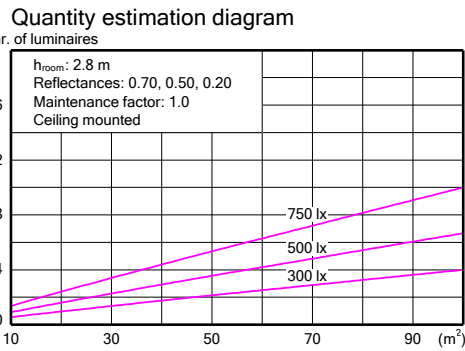
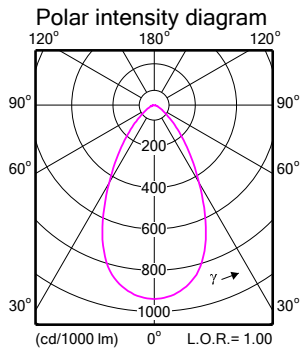
Plane Cone	0.0	45.0	90.0
45.0	22311	17320	17254
50.0	15036	11297	11249
55.0	9800	7103	7069
60.0	6109	4252	4230
65.0	3557	2363	2350
70.0	1625	1022	1015
75.0	909	534	531
80.0	910	490	487
85.0	973	467	463
90.0	1147	463	459

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 57K 220V L35 1xLED 60

1 x 7360 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25856	20071	19995
50.0	17655	13264	13208
55.0	12109	8776	8735
60.0	8816	6136	6105
65.0	6433	4274	4250
70.0	4378	2753	2736
75.0	2866	1685	1673
80.0	1972	1063	1055
85.0	1376	660	654
90.0	1237	500	495

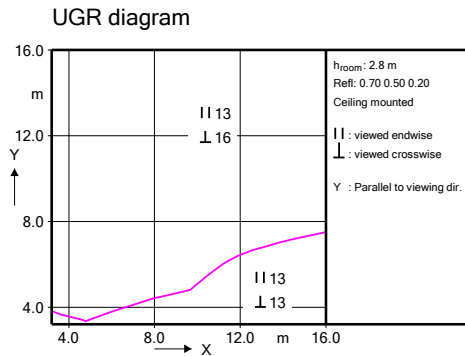
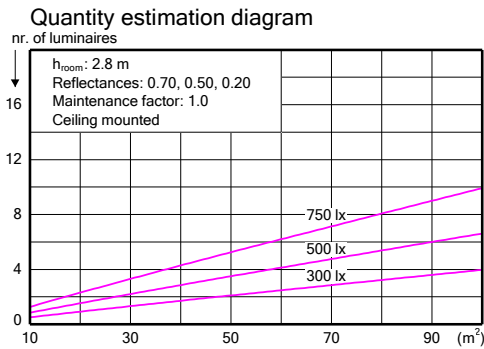
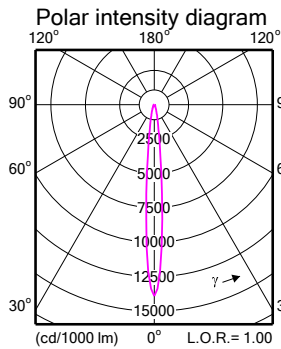
(cd/m<sup>2</sup>)

2021-08-30



BVP359 S 36LED 65K 220V L35 1xLED 10

1 x 7180 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

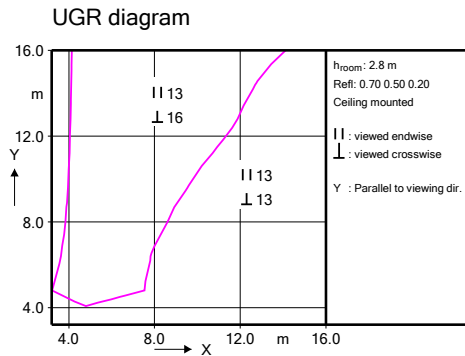
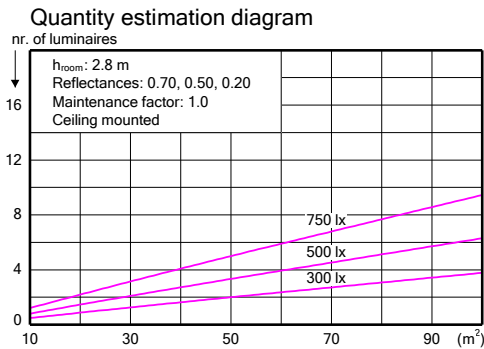
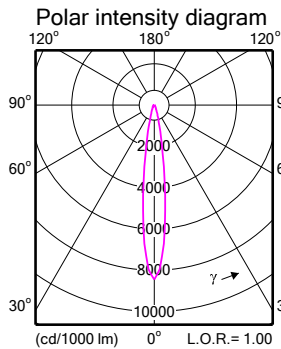
Plane Cone	0.0	45.0	90.0
45.0	10284	7983	7953
50.0	7623	5727	5703
55.0	5432	3937	3919
60.0	3779	2630	2617
65.0	2531	1681	1672
70.0	1524	958	952
75.0	1111	653	648
80.0	1143	616	612
85.0	1131	543	538
90.0	1321	534	529

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 65K 220V L35 1xLED 15

1 x 7540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

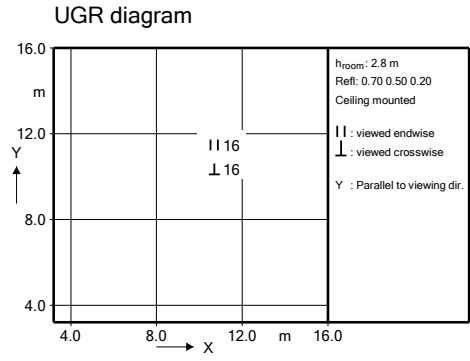
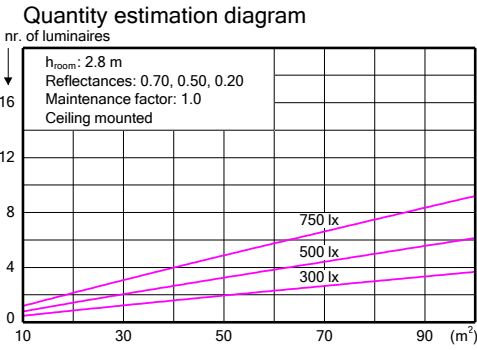
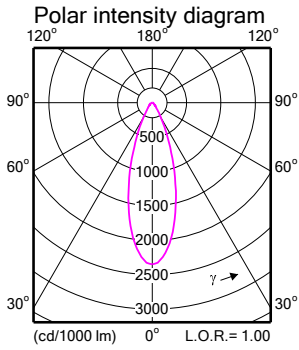
Plane Cone	0.0	45.0	90.0
45.0	10309	8003	7973
50.0	7831	5883	5859
55.0	5780	4189	4169
60.0	4001	2785	2771
65.0	2659	1766	1756
70.0	1584	996	990
75.0	1074	632	627
80.0	973	525	521
85.0	898	431	427
90.0	957	387	383

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 65K 220V L35 1xLED 30

1 x 7810 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

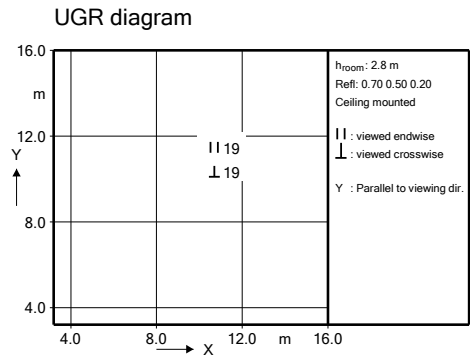
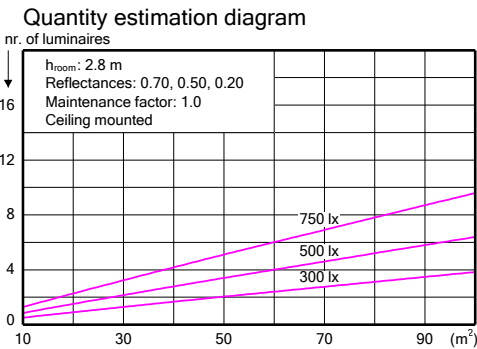
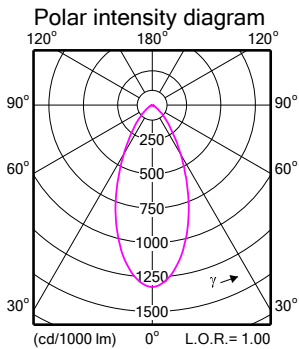
Plane Cone	0.0	45.0	90.0
45.0	12000	9315	9280
50.0	9511	7146	7116
55.0	7295	5287	5262
60.0	5390	3752	3732
65.0	3939	2617	2602
70.0	2706	1701	1691
75.0	1950	1146	1138
80.0	1494	806	799
85.0	1223	587	582
90.0	1254	507	501

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 65K 220V L35 1xLED 45

1 x 7540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	22311	17320	17254
50.0	15036	11297	11249
55.0	9800	7103	7069
60.0	6109	4252	4230
65.0	3557	2363	2350
70.0	1625	1022	1015
75.0	909	534	531
80.0	910	490	487
85.0	973	467	463
90.0	1147	463	459

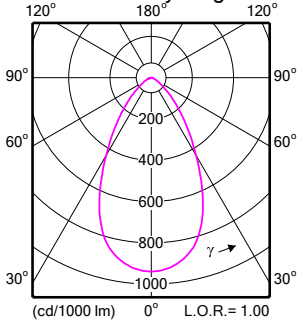
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED 65K 220V L35 1xLED 60

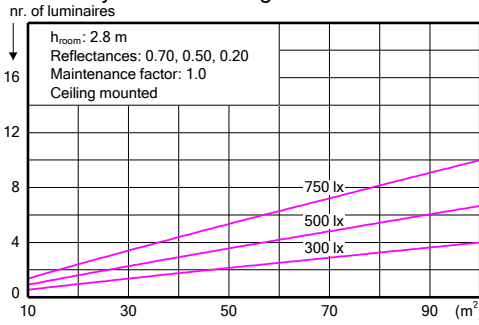
1 x 7360 lm

Polar intensity diagram

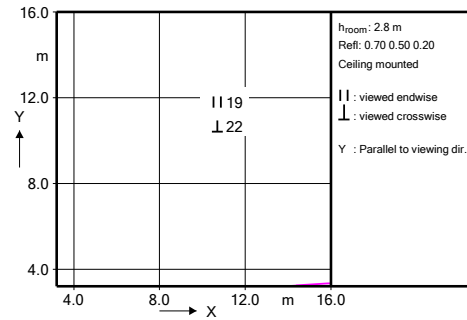


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25856	20071	19995
50.0	17655	13264	13208
55.0	12109	8776	8735
60.0	8816	6136	6105
65.0	6433	4274	4250
70.0	4378	2753	2736
75.0	2866	1685	1673
80.0	1972	1063	1055
85.0	1376	660	654
90.0	1237	500	495

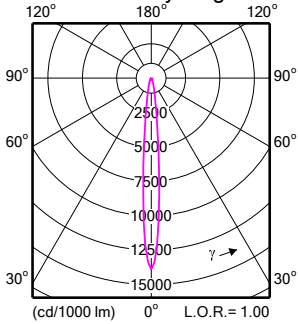
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED BL 220V L35 1xLED 10

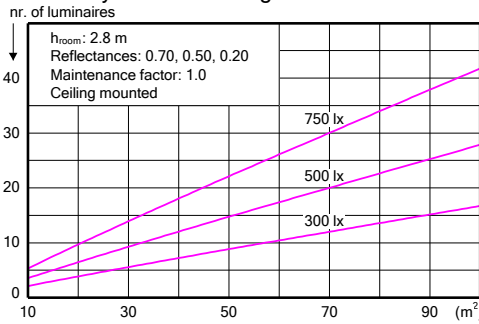
1 x 1705 lm

Polar intensity diagram

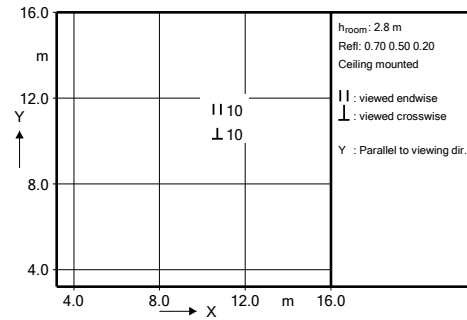


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

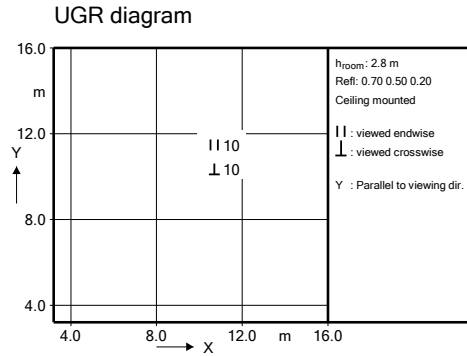
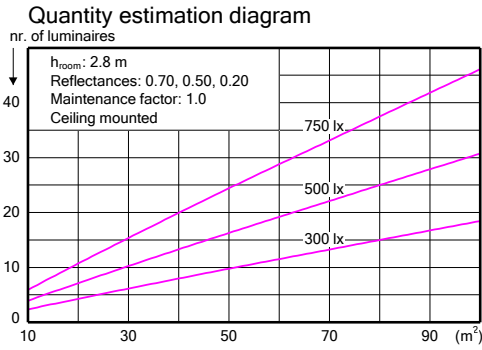
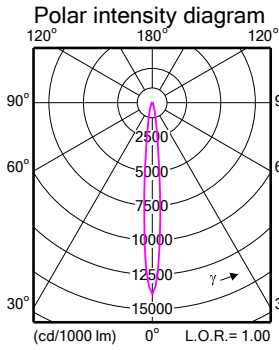
Plane Cone	0.0	45.0	90.0
45.0	2442	1896	1889
50.0	1810	1360	1354
55.0	1290	935	931
60.0	897	625	621
65.0	601	399	397
70.0	362	228	226
75.0	264	155	154
80.0	271	146	145
85.0	269	129	128
90.0	314	127	126

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED BL 220V L35 DMX 1xLED 10

1 x 1545 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

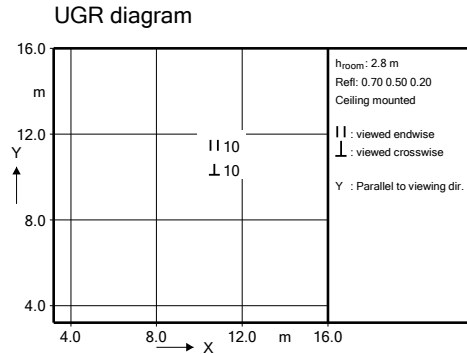
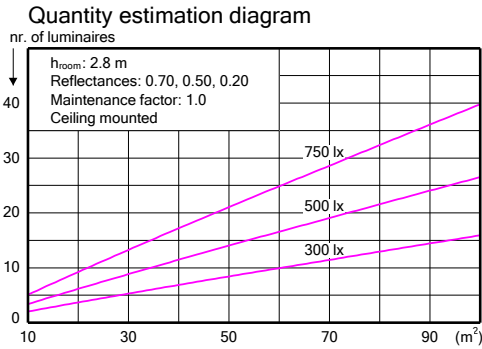
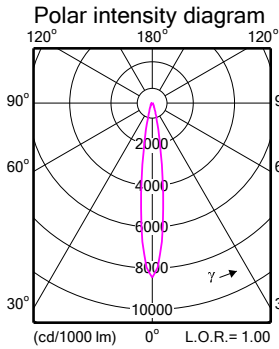
Plane Cone	0.0	45.0	90.0
45.0	2213	1718	1711
50.0	1640	1232	1227
55.0	1169	847	843
60.0	813	566	563
65.0	545	362	360
70.0	328	206	205
75.0	239	140	140
80.0	246	133	132
85.0	243	117	116
90.0	284	115	114

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED BL 220V L35 1xLED 15

1 x 1790 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

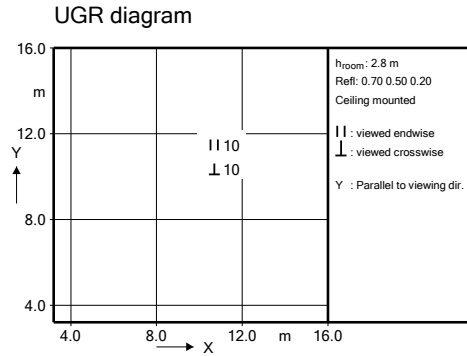
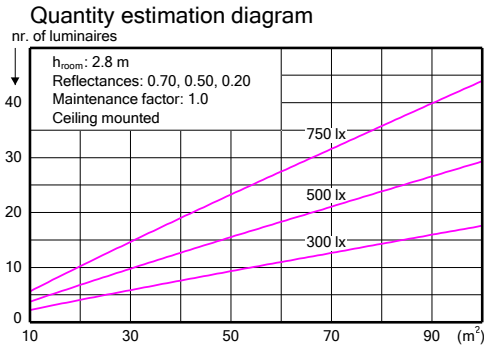
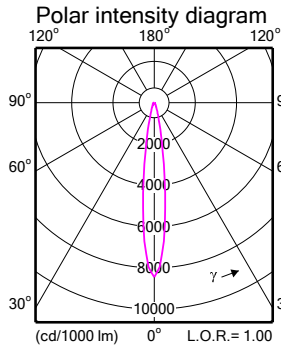
Plane Cone	0.0	45.0	90.0
45.0	2447	1900	1893
50.0	1859	1397	1391
55.0	1372	994	990
60.0	950	661	658
65.0	631	419	417
70.0	376	236	235
75.0	255	150	149
80.0	231	125	124
85.0	213	102	101
90.0	227	92	91

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED BL 220V L35 DMX 1xLED 15

1 x 1620 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 8  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

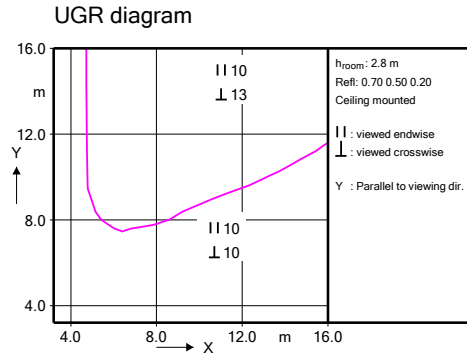
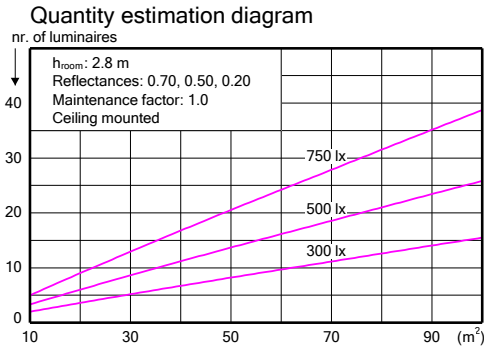
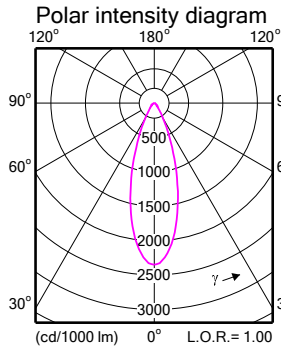
Plane Cone	0.0	45.0	90.0
45.0	2215	1719	1713
50.0	1683	1264	1259
55.0	1242	900	896
60.0	860	598	595
65.0	571	380	377
70.0	340	214	213
75.0	231	136	135
80.0	209	113	112
85.0	193	93	92
90.0	206	83	82

(cd/m2)

2021-08-30

BVP359 S 36LED BL 220V L35 1xLED 30

1 x 1855 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

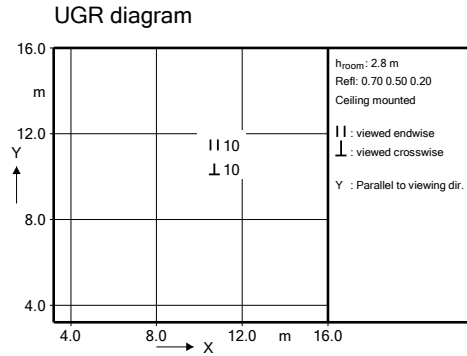
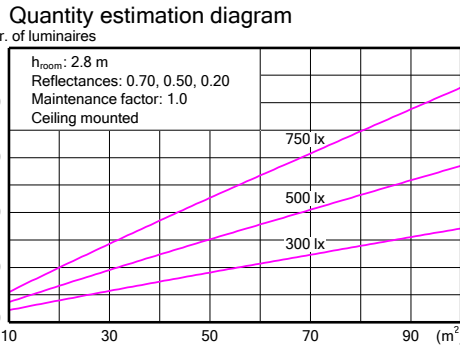
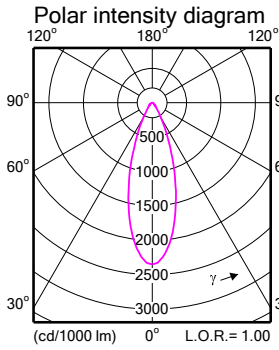
Plane Cone	0.0	45.0	90.0
45.0	2850	2213	2204
50.0	2259	1697	1690
55.0	1733	1256	1250
60.0	1280	891	886
65.0	936	622	618
70.0	643	404	402
75.0	463	272	270
80.0	355	191	190
85.0	290	139	138
90.0	298	120	119

(cd/m2)

2021-08-30

BVP359 S 36LED BL 220V L35 DMX 1xLED 30

1 x 1680 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

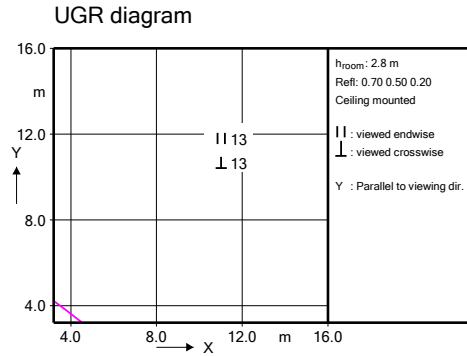
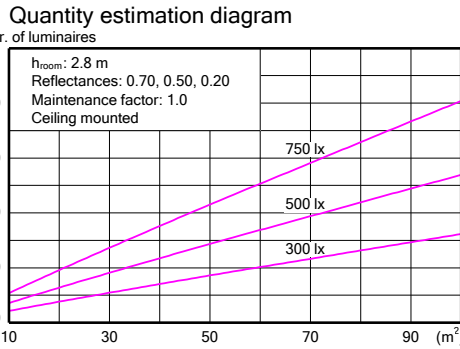
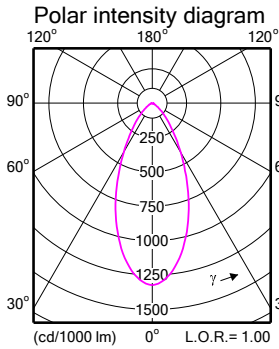
Plane Cone	0.0	45.0	90.0
45.0	2581	2004	1996
50.0	2046	1537	1531
55.0	1569	1137	1132
60.0	1159	807	803
65.0	847	563	560
70.0	582	366	364
75.0	419	247	245
80.0	321	173	172
85.0	263	126	125
90.0	270	109	108

(cd/m2)

2021-08-30

BVP359 S 36LED BL 220V L35 1xLED 45

1 x 1790 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

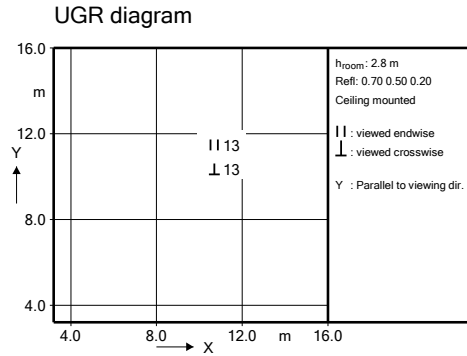
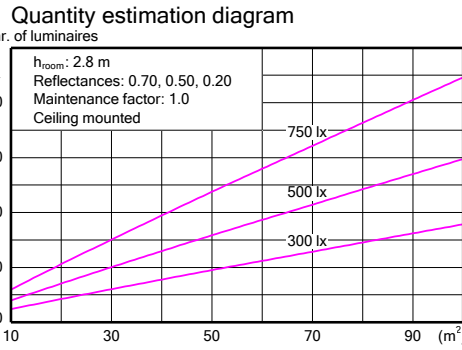
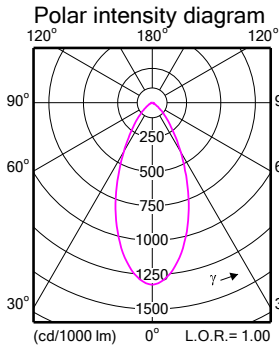
Plane Cone	0.0	45.0	90.0
45.0	5297	4112	4096
50.0	3570	2682	2671
55.0	2327	1686	1678
60.0	1450	1009	1004
65.0	844	561	558
70.0	386	243	241
75.0	216	127	126
80.0	216	116	116
85.0	231	111	110
90.0	272	110	109

(cd/m2)

2021-08-30

BVP359 S 36LED BL 220V L35 DMX 1xLED 45

1 x 1620 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

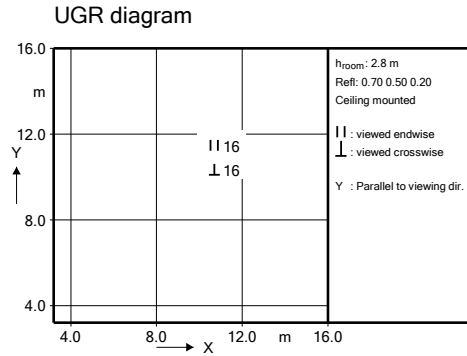
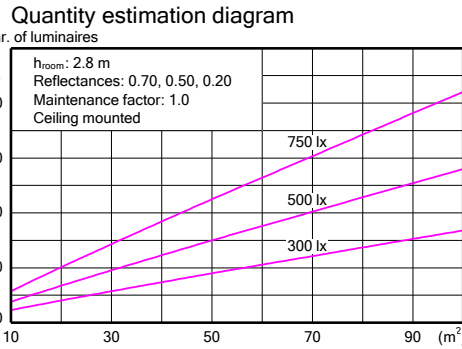
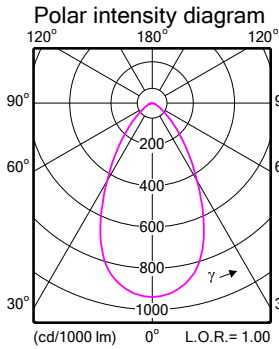
Plane Cone	0.0	45.0	90.0
45.0	4794	3721	3707
50.0	3231	2427	2417
55.0	2106	1526	1519
60.0	1313	914	909
65.0	764	508	505
70.0	349	219	218
75.0	195	115	114
80.0	195	105	105
85.0	209	100	99
90.0	246	100	99

(cd/m2)

2021-08-30

BVP359 S 36LED BL 220V L35 1xLED 60

1 x 1750 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6148	4772	4754
50.0	4198	3154	3140
55.0	2879	2087	2077
60.0	2096	1459	1451
65.0	1529	1016	1010
70.0	1041	655	650
75.0	681	401	398
80.0	469	253	251
85.0	327	157	156
90.0	294	119	118

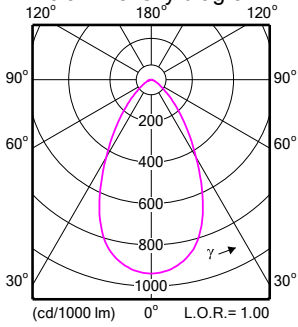
(cd/m2)

2021-08-30

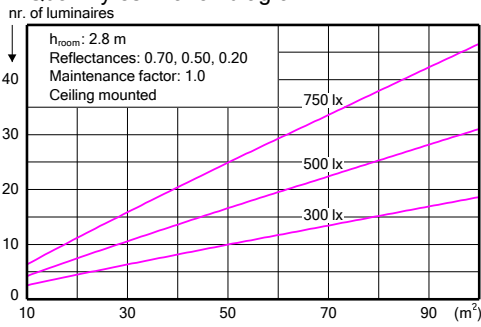
**BVP359 S 36LED BL 220V L35 DMX 1xLED 60**

1 x 1580 lm

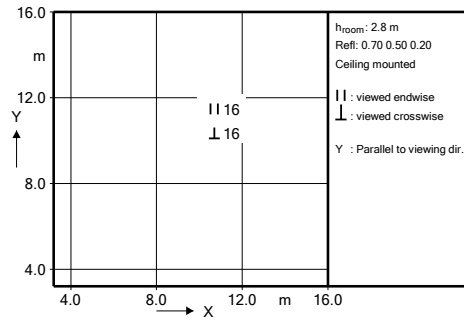
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	5551	4309	4292
50.0	3790	2847	2835
55.0	2600	1884	1875
60.0	1893	1317	1310
65.0	1381	918	912
70.0	940	591	587
75.0	615	362	359
80.0	423	228	227
85.0	295	142	140
90.0	266	107	106

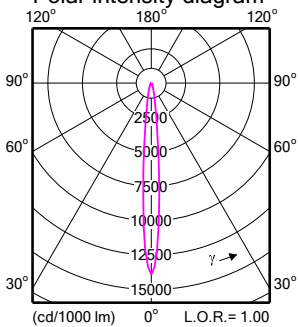
(cd/m2)

2021-08-30

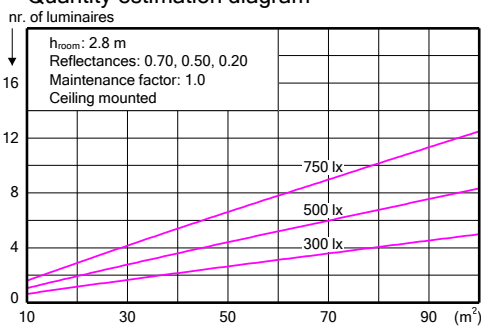
**BVP359 S 36LED GN 220V L35 1xLED 10**

1 x 5705 lm

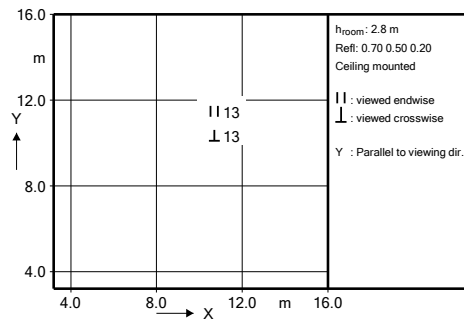
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	8171	6343	6319
50.0	6057	4551	4532
55.0	4316	3128	3114
60.0	3003	2090	2079
65.0	2011	1336	1328
70.0	1211	761	757
75.0	883	519	515
80.0	908	490	486
85.0	899	431	427
90.0	1050	424	420

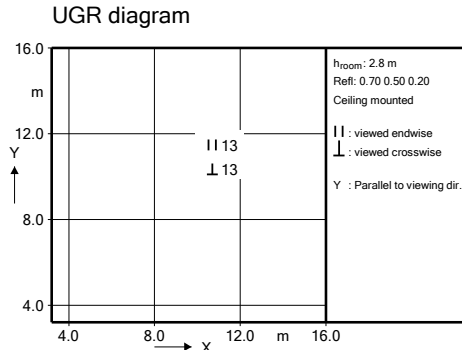
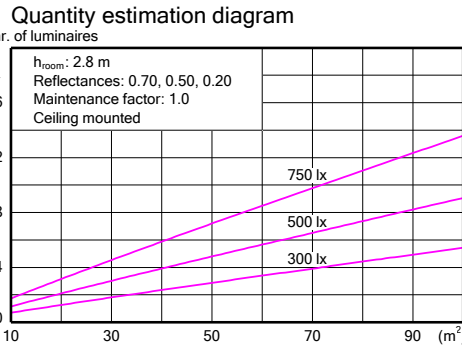
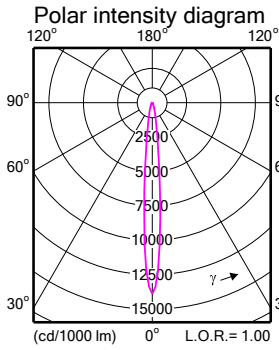
(cd/m2)

2021-08-30



BVP359 S 36LED GN 220V L35 DMX 1xLED 10

1 x 5240 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

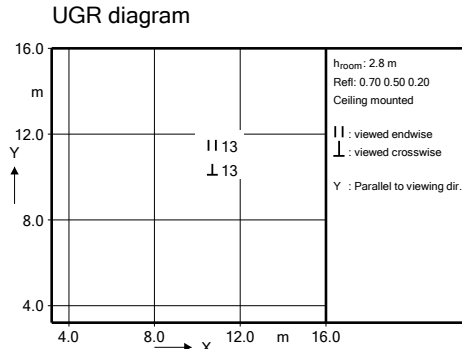
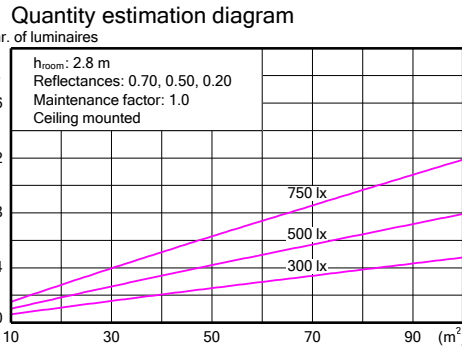
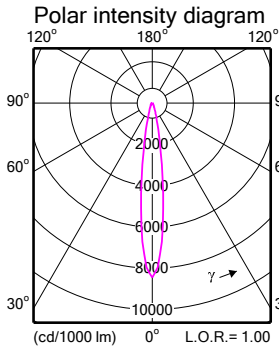
Plane Cone	0.0	45.0	90.0
45.0	7505	5826	5804
50.0	5564	4180	4162
55.0	3965	2873	2860
60.0	2758	1920	1910
65.0	1847	1227	1220
70.0	1112	699	695
75.0	811	476	473
80.0	634	345	344
85.0	485	260	259
90.0	364	199	198

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED GN 220V L35 1xLED 15

1 x 5990 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8190	6358	6334
50.0	6221	4674	4654
55.0	4591	3328	3312
60.0	3179	2212	2201
65.0	2112	1403	1395
70.0	1258	791	786
75.0	854	502	498
80.0	673	371	371
85.0	513	284	284
90.0	384	210	209

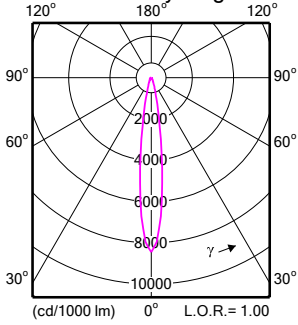
(cd/m<sup>2</sup>)

2021-08-30

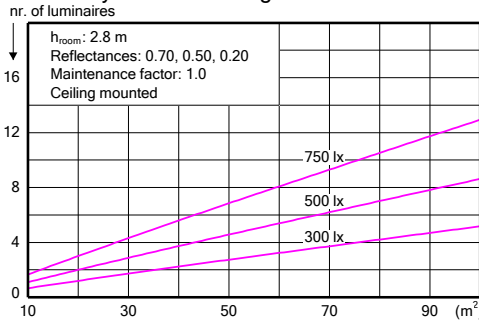
BVP359 S 36LED GN 220V L35 DMX 1xLED 15

1 x 5505 lm

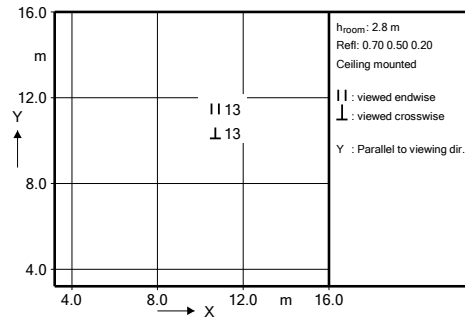
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 12  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7527	5843	5821
50.0	5717	4295	4277
55.0	4220	3058	3044
60.0	2921	2033	2023
65.0	1941	1290	1282
70.0	1157	727	723
75.0	784	461	458
80.0	710	383	380
85.0	655	314	312
90.0	699	282	279

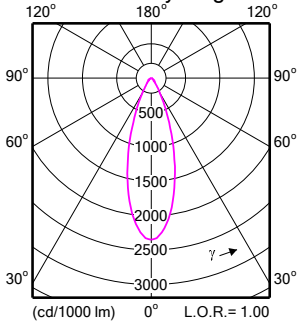
(cd/m2)

2021-08-30

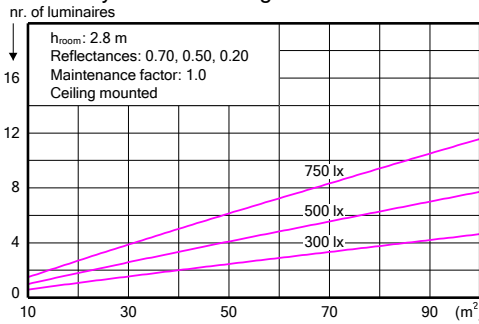
BVP359 S 36LED GN 220V L35 1xLED 30

1 x 6205 lm

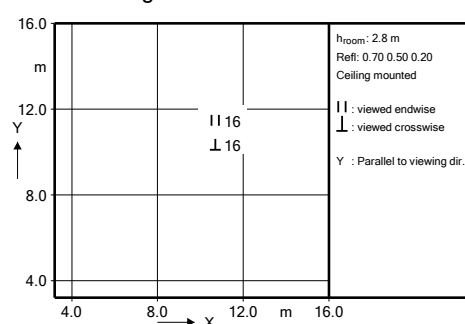
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

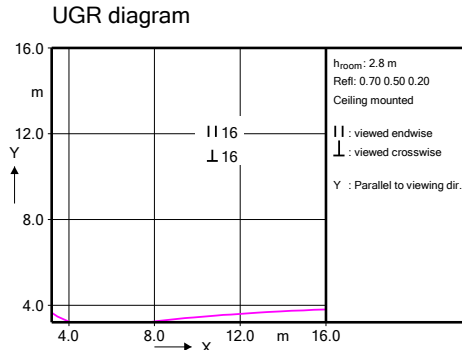
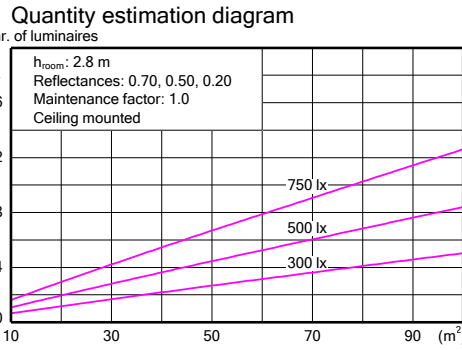
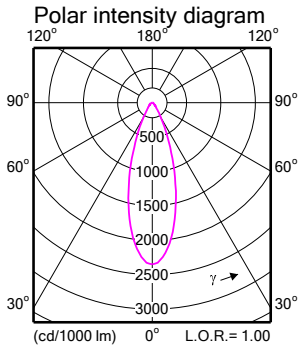
Plane Cone	0.0	45.0	90.0
45.0	9534	7401	7373
50.0	7557	5677	5653
55.0	5795	4200	4181
60.0	4282	2981	2965
65.0	3130	2079	2068
70.0	2150	1352	1343
75.0	1549	910	904
80.0	1187	640	635
85.0	972	466	462
90.0	996	402	398

(cd/m2)

2021-08-30

BVP359 S 36LED GN 220V L35 DMX 1xLED 30

1 x 5700 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

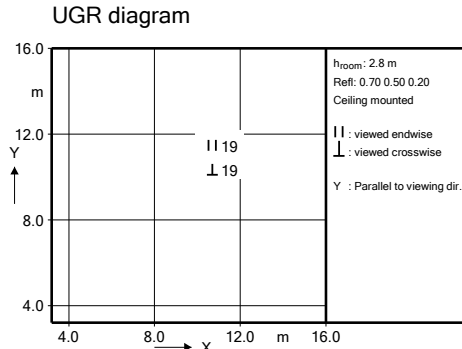
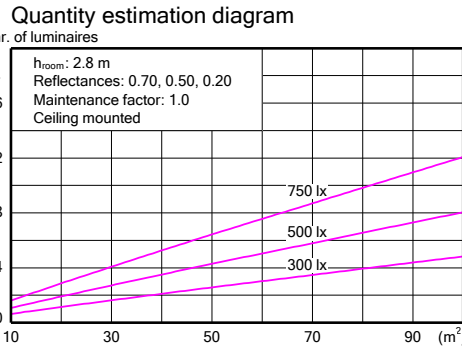
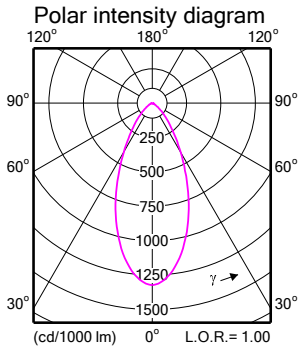
Plane Cone	0.0	45.0	90.0
45.0	8758	6799	6773
50.0	6942	5215	5193
55.0	5324	3858	3840
60.0	3934	2738	2724
65.0	2875	1910	1899
70.0	1975	1242	1234
75.0	1423	836	831
80.0	1091	588	583
85.0	893	428	424
90.0	915	370	366

(cd/m2)

2021-08-30

BVP359 S 36LED GN 220V L35 1xLED 45

1 x 5990 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

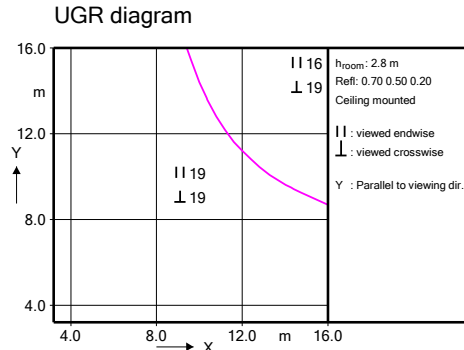
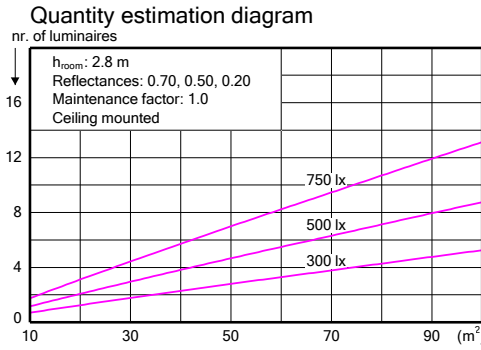
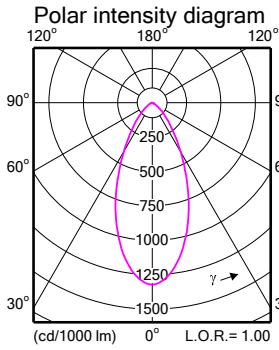
Plane Cone	0.0	45.0	90.0
45.0	17725	13759	13707
50.0	11945	8974	8936
55.0	7786	5642	5616
60.0	4853	3378	3361
65.0	2825	1877	1867
70.0	1291	812	806
75.0	722	425	422
80.0	723	390	387
85.0	773	371	367
90.0	911	368	364

(cd/m2)

2021-08-30

BVP359 S 36LED GN 220V L35 DMX 1xLED 45

1 x 5505 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

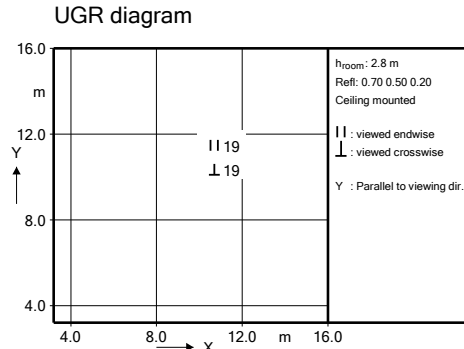
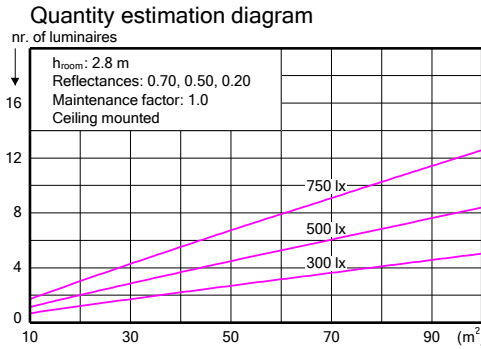
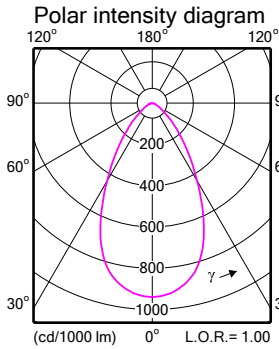
Plane Cone	0.0	45.0	90.0
45.0	16290	12645	12597
50.0	10978	8248	8213
55.0	7155	5186	5161
60.0	4460	3104	3088
65.0	2597	1725	1715
70.0	1185	746	741
75.0	664	390	387
80.0	664	358	355
85.0	710	341	338
90.0	837	338	335

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 36LED GN 220V L35 1xLED 60

1 x 5845 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	20534	15940	15879
50.0	14021	10534	10489
55.0	9617	6970	6937
60.0	7001	4873	4848
65.0	5108	3394	3375
70.0	3477	2186	2173
75.0	2276	1338	1329
80.0	1566	845	838
85.0	1093	524	520
90.0	982	397	393

(cd/m<sup>2</sup>)

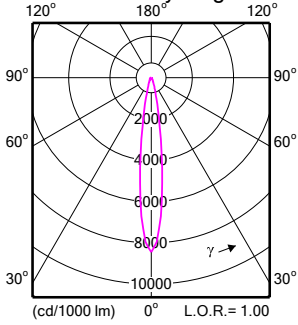
2021-08-30



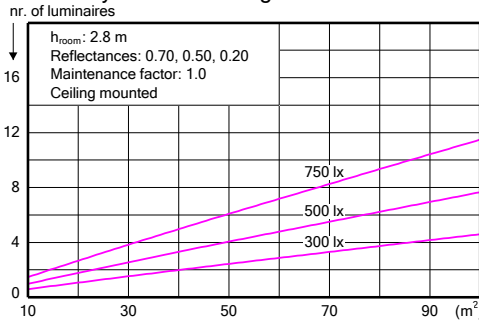
BVP359 S 36LED TW 220V L35 DMX 1xLED 15

1 x 6200 lm

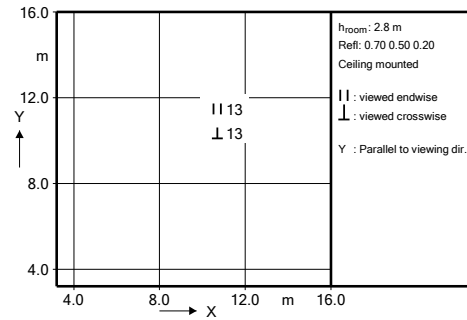
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8477	6581	6556
50.0	6439	4838	4817
55.0	4752	3444	3428
60.0	3290	2290	2278
65.0	2186	1453	1444
70.0	1303	819	814
75.0	883	519	516
80.0	800	431	428
85.0	738	354	351
90.0	787	318	315

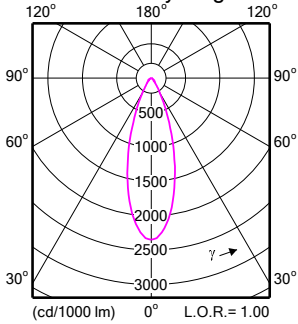
(cd/m2)

2021-08-30

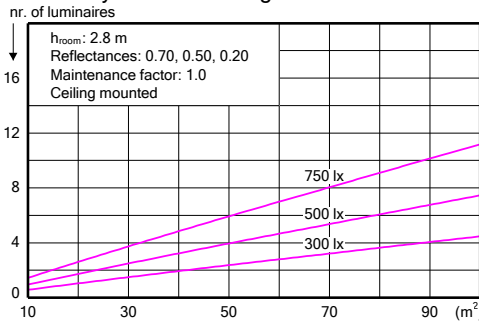
BVP359 S 36LED TW 220V L35 DMX 1xLED 30

1 x 6425 lm

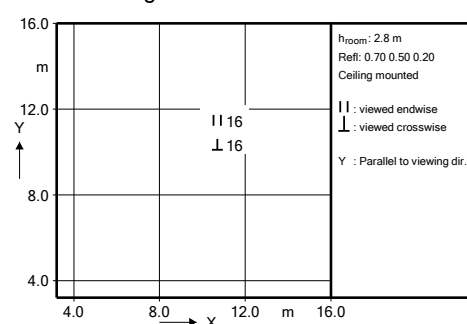
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

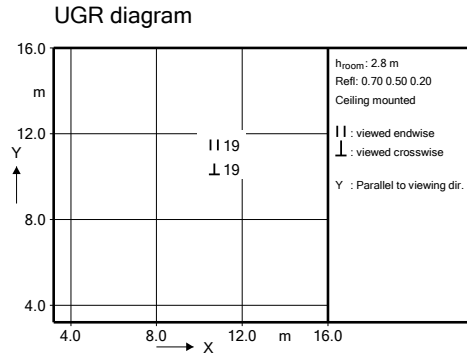
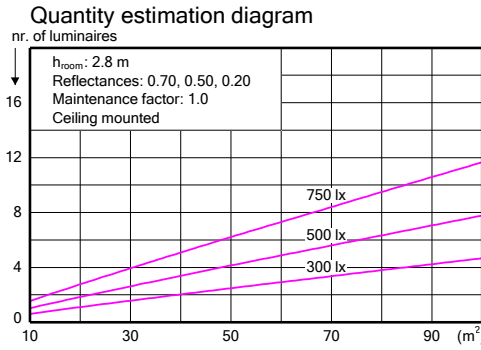
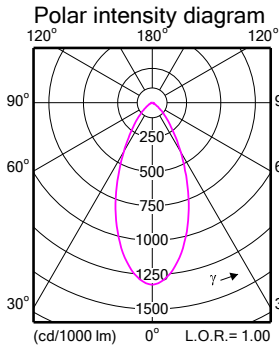
Plane Cone	0.0	45.0	90.0
45.0	9872	7663	7634
50.0	7825	5879	5854
55.0	6001	4349	4329
60.0	4434	3086	3070
65.0	3241	2153	2141
70.0	2226	1400	1391
75.0	1604	943	936
80.0	1229	663	658
85.0	1006	483	478
90.0	1031	417	412

(cd/m2)

2021-08-30

BVP359 S 36LED TW 220V L35 DMX 1xLED 45

1 x 6200 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

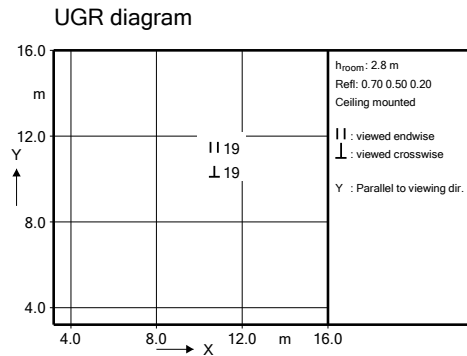
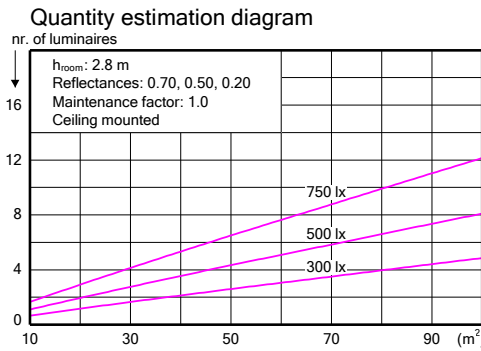
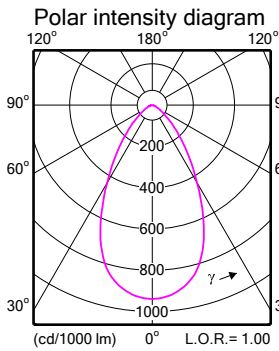
Plane Cone	0.0	45.0	90.0
45.0	18346	14242	14188
50.0	12364	9289	9250
55.0	8059	5840	5813
60.0	5023	3496	3478
65.0	2924	1943	1932
70.0	1336	840	835
75.0	748	439	436
80.0	748	403	400
85.0	800	384	380
90.0	943	381	377

(cd/m2)

2021-08-30

BVP359 S 36LED TW 220V L35 DMX 1xLED 60

1 x 6055 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

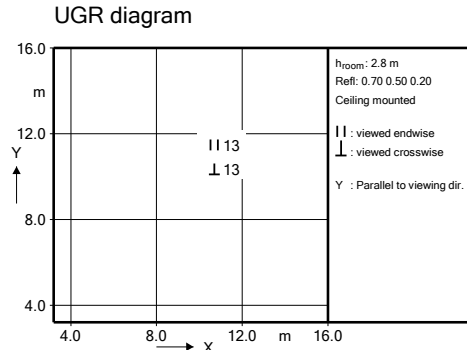
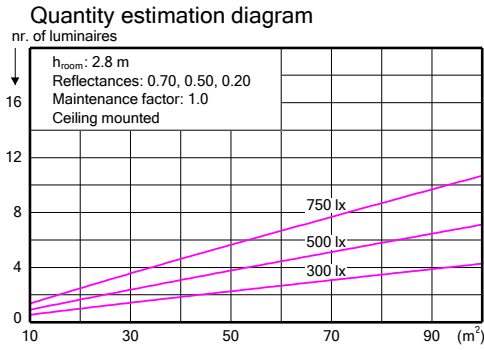
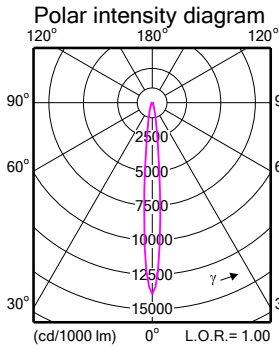
Plane Cone	0.0	45.0	90.0
45.0	21271	16512	16450
50.0	14525	10912	10866
55.0	9962	7220	7186
60.0	7253	5048	5022
65.0	5292	3516	3496
70.0	3602	2265	2251
75.0	2358	1386	1376
80.0	1622	875	868
85.0	1132	543	538
90.0	1018	411	407

(cd/m2)

2021-08-30

BVP359 S 45LED 22K 220V L40 1xLED 10

1 x 6670 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

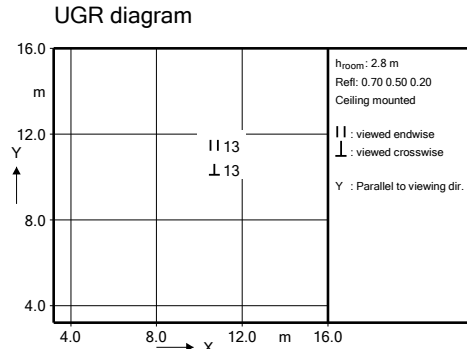
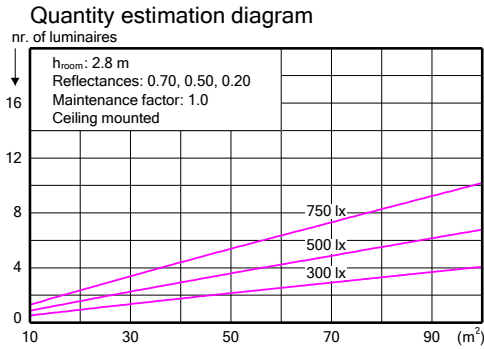
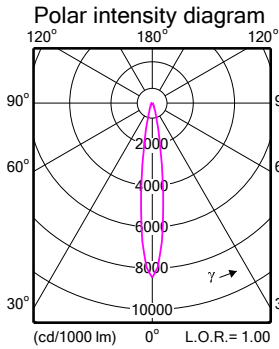
Plane Cone	0.0	45.0	90.0
45.0	8569	6577	6465
50.0	6375	4726	4636
55.0	4563	3254	3185
60.0	3190	2178	2127
65.0	2149	1395	1359
70.0	1304	797	774
75.0	960	544	527
80.0	1002	515	497
85.0	1012	455	437
90.0	1228	450	430

(cd/m2)

2021-08-30

BVP359 S 45LED 22K 220V L40 1xLED 15

1 x 7000 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8584	6590	6476
50.0	6545	4852	4759
55.0	4851	3460	3387
60.0	3375	2304	2251
65.0	2256	1464	1427
70.0	1355	828	804
75.0	928	526	509
80.0	852	438	423
85.0	803	361	347
90.0	888	326	311

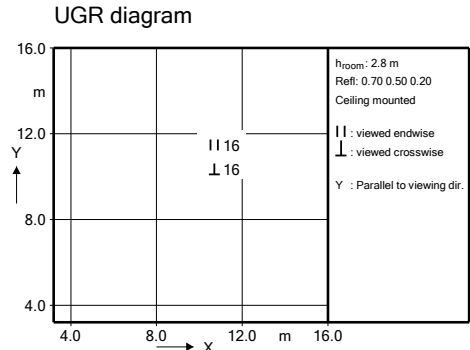
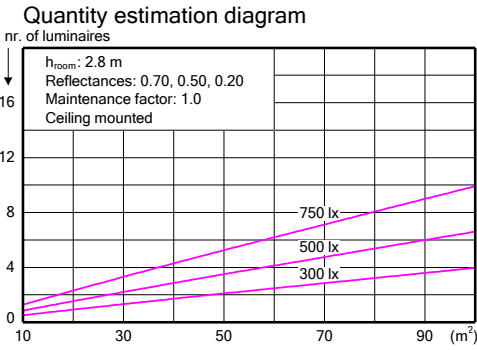
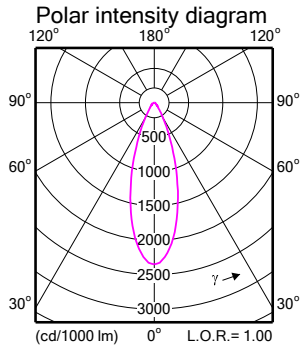
(cd/m2)

2021-08-30



BVP359 S 45LED 22K 220V L40 1xLED 30

1 x 7250 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

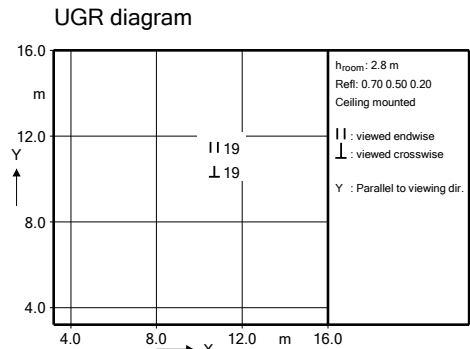
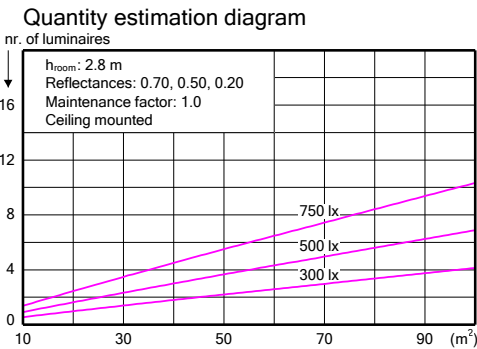
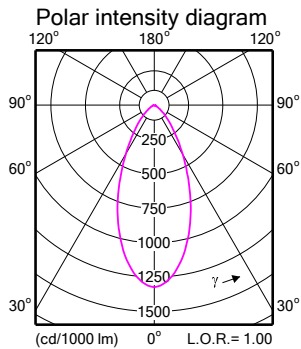
Plane Cone	0.0	45.0	90.0
45.0	9991	7669	7538
50.0	7949	5892	5780
55.0	6122	4366	4274
60.0	4546	3104	3032
65.0	3343	2170	2114
70.0	2313	1413	1373
75.0	1684	954	924
80.0	1308	673	649
85.0	1094	492	472
90.0	1164	427	407

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 22K 220V L40 1xLED 45

1 x 7000 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18578	14261	14016
50.0	12567	9315	9138
55.0	8226	5866	5743
60.0	5153	3518	3436
65.0	3018	1959	1909
70.0	1389	849	825
75.0	785	445	431
80.0	797	410	395
85.0	870	391	376
90.0	1065	390	373

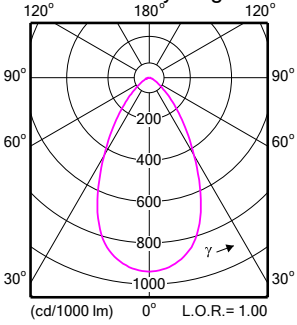
(cd/m<sup>2</sup>)

2021-08-30

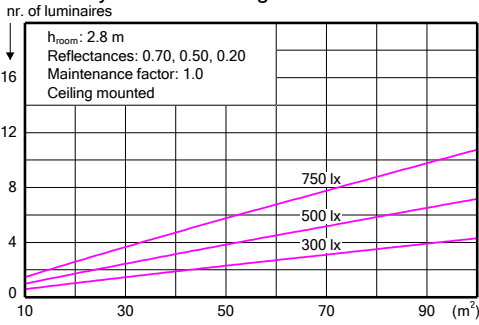
BVP359 S 45LED 22K 220V L40 1xLED 60

1 x 6835 lm

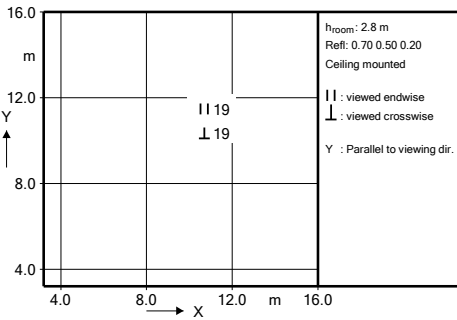
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21536	16531	16248
50.0	14760	10941	10733
55.0	10167	7251	7098
60.0	7439	5079	4960
65.0	5461	3544	3453
70.0	3745	2288	2223
75.0	2476	1404	1359
80.0	1728	889	857
85.0	1231	554	532
90.0	1149	421	402

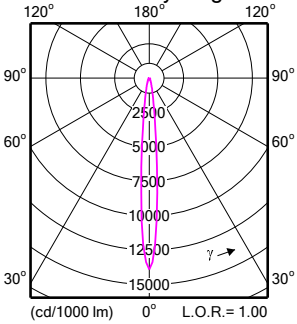
(cd/m<sup>2</sup>)

2021-08-30

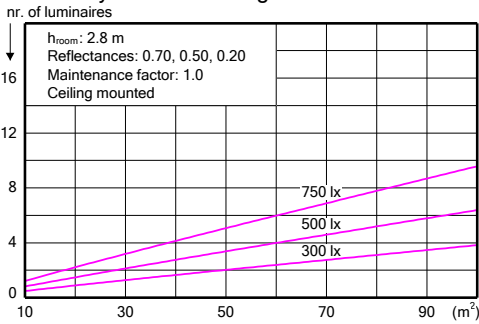
BVP359 S 45LED 27K 220V L40 1xLED 10

1 x 7440 lm

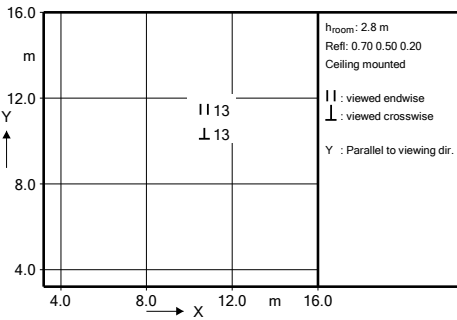
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9558	7337	7211
50.0	7111	5271	5171
55.0	5089	3630	3553
60.0	3558	2429	2373
65.0	2397	1556	1516
70.0	1454	889	863
75.0	1071	607	588
80.0	1117	575	554
85.0	1129	508	488
90.0	1369	502	479

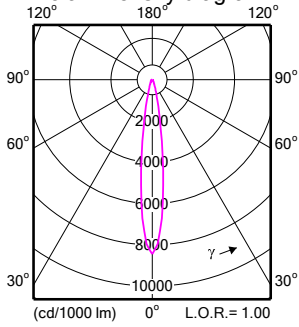
(cd/m<sup>2</sup>)

2021-08-30

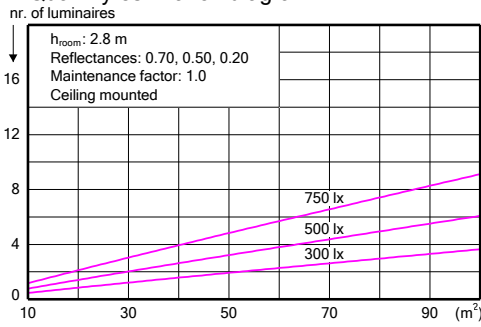
BVP359 S 45LED 27K 220V L40 1xLED 15

1 x 7810 lm

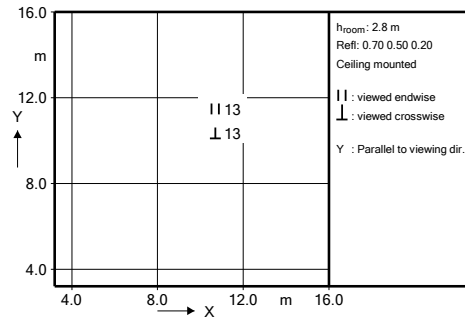
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9578	7352	7226
50.0	7302	5413	5310
55.0	5412	3860	3779
60.0	3766	2571	2511
65.0	2517	1634	1592
70.0	1511	923	897
75.0	1035	587	568
80.0	951	489	472
85.0	896	403	387
90.0	991	363	347

(cd/m2)

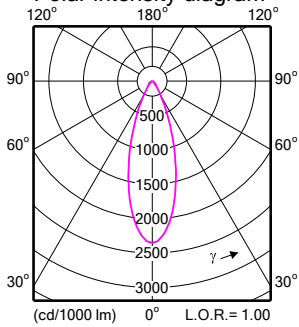
Ceiling mounted

2021-08-30

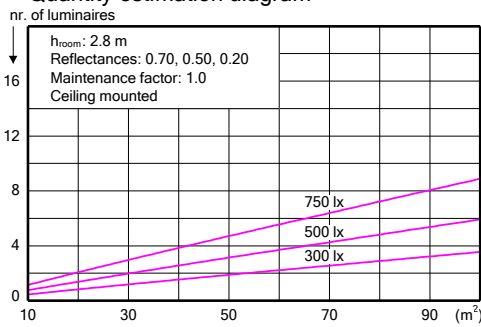
BVP359 S 45LED 27K 220V L40 1xLED 30

1 x 8090 lm

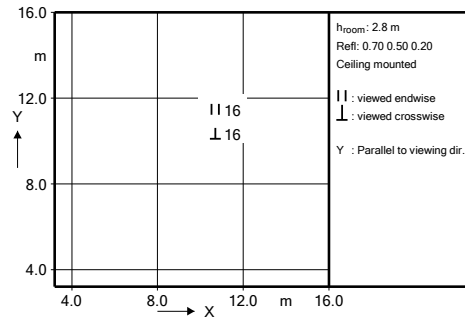
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11149	8558	8411
50.0	8870	6575	6449
55.0	6831	4872	4769
60.0	5073	3463	3383
65.0	3730	2421	2359
70.0	2582	1577	1532
75.0	1879	1065	1031
80.0	1460	751	725
85.0	1221	549	527
90.0	1298	476	454

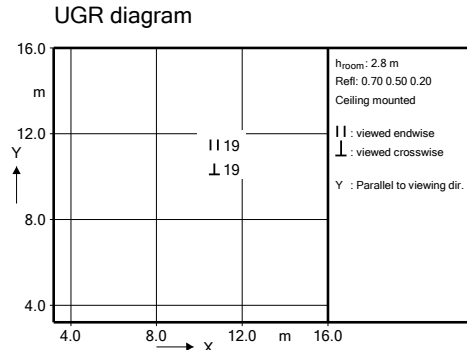
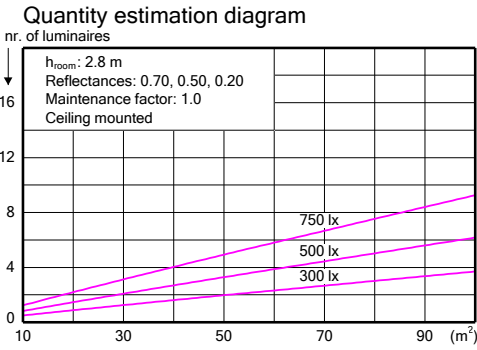
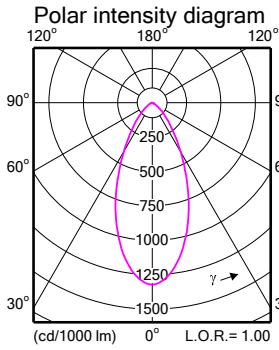
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 S 45LED 27K 220V L40 1xLED 45

1 x 7810 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

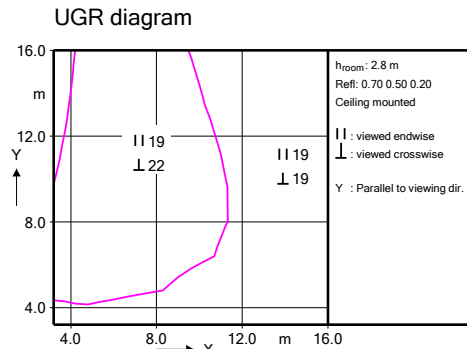
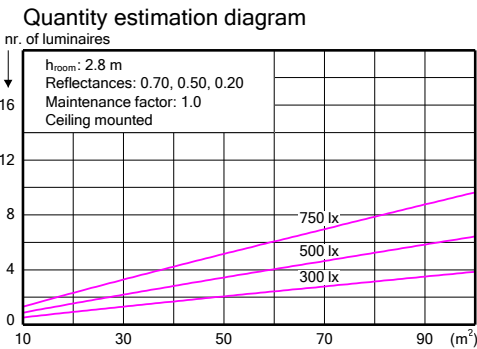
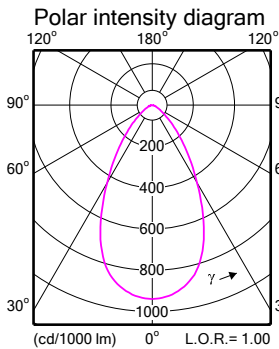
Plane Cone	0.0	45.0	90.0
45.0	20728	15911	15638
50.0	14021	10393	10195
55.0	9178	6545	6407
60.0	5750	3925	3834
65.0	3368	2186	2130
70.0	1550	947	920
75.0	876	497	481
80.0	889	457	441
85.0	971	437	419
90.0	1188	436	416

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 27K 220V L40 1xLED 60

1 x 7625 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

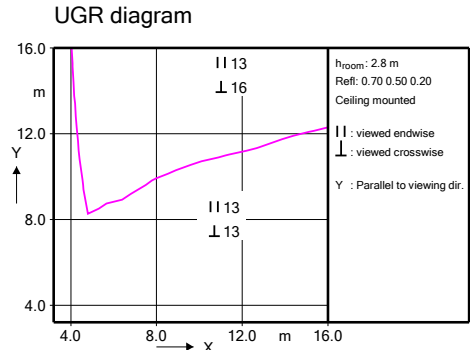
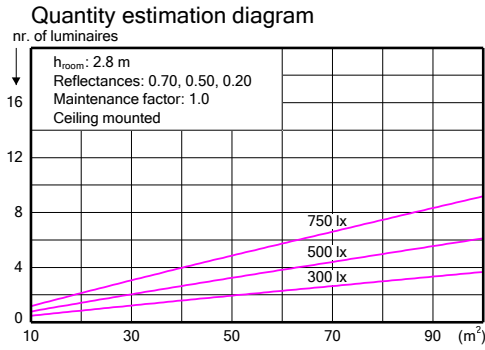
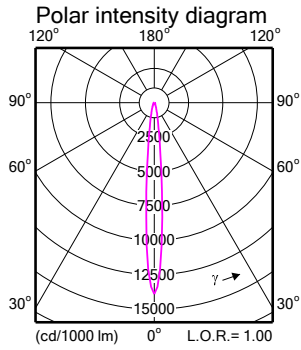
Plane Cone	0.0	45.0	90.0
45.0	24025	18442	18126
50.0	16466	12206	11973
55.0	11342	8089	7919
60.0	8299	5666	5534
65.0	6092	3954	3852
70.0	4178	2552	2480
75.0	2762	1566	1517
80.0	1927	991	956
85.0	1374	618	593
90.0	1282	470	449

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 30K 220V L40 1xLED 10

1 x 7760 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

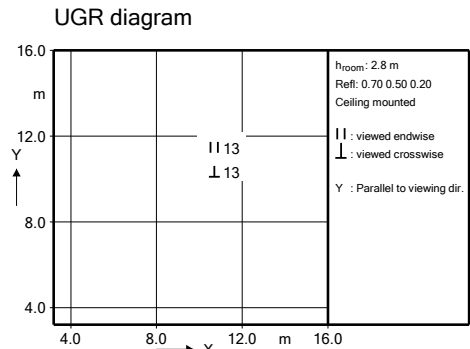
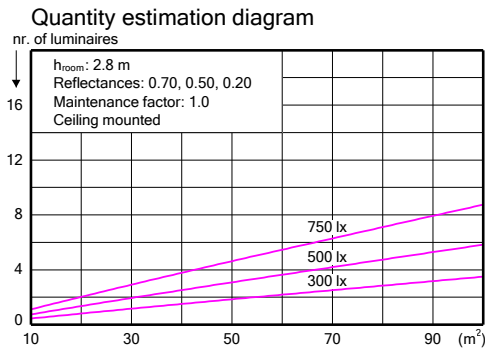
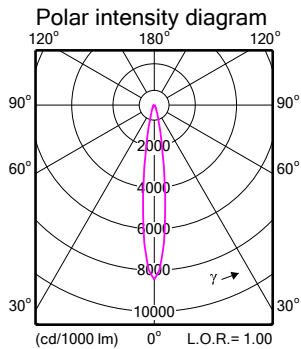
Plane Cone	0.0	45.0	90.0
45.0	9969	7652	7521
50.0	7417	5498	5393
55.0	5308	3786	3706
60.0	3711	2534	2475
65.0	2500	1623	1581
70.0	1517	927	900
75.0	1117	633	613
80.0	1165	599	578
85.0	1178	530	509
90.0	1428	524	500

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 30K 220V L40 1xLED 15

1 x 8145 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

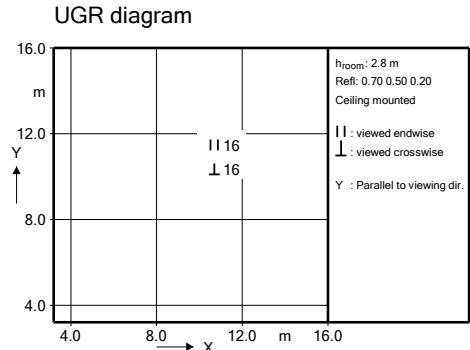
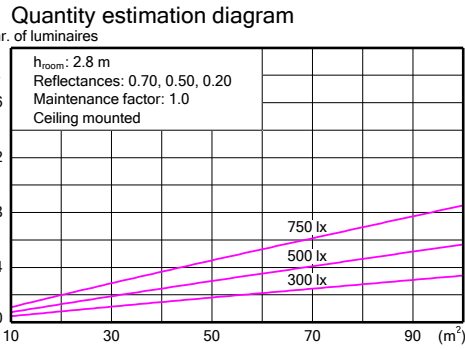
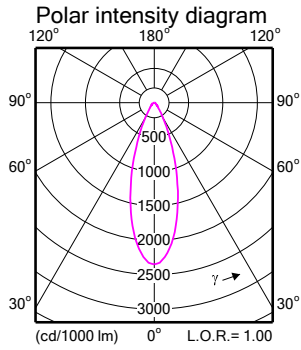
Plane Cone	0.0	45.0	90.0
45.0	9989	7667	7536
50.0	7616	5645	5538
55.0	5645	4026	3941
60.0	3927	2681	2619
65.0	2625	1704	1660
70.0	1576	963	936
75.0	1080	612	593
80.0	991	510	492
85.0	934	420	404
90.0	1034	379	362

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 30K 220V L40 1xLED 30

1 x 8440 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

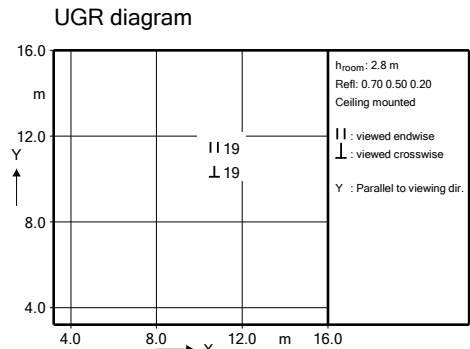
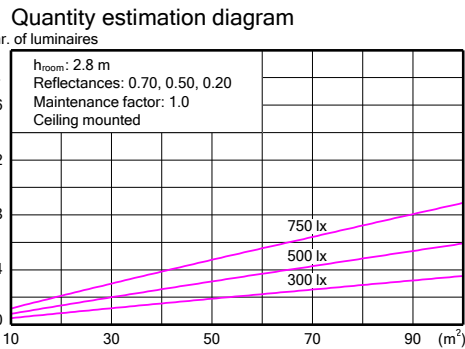
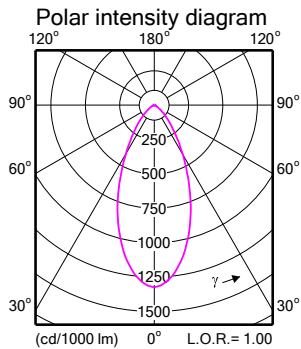
Plane Cone	0.0	45.0	90.0
45.0	11631	8928	8775
50.0	9253	6859	6728
55.0	7127	5083	4976
60.0	5292	3613	3529
65.0	3892	2526	2461
70.0	2693	1645	1599
75.0	1960	1111	1076
80.0	1523	784	756
85.0	1273	573	550
90.0	1355	497	474

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 30K 220V L40 1xLED 45

1 x 8145 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21617	16593	16309
50.0	14623	10839	10633
55.0	9571	6826	6682
60.0	5996	4094	3998
65.0	3512	2279	2221
70.0	1616	988	959
75.0	914	518	502
80.0	927	477	460
85.0	1012	455	437
90.0	1239	454	434

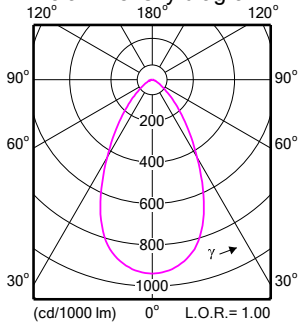
(cd/m<sup>2</sup>)

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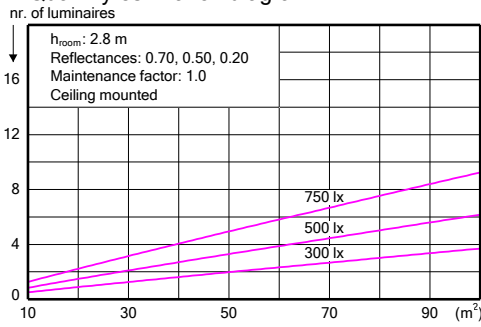
1 x 7955 lm

Polar intensity diagram

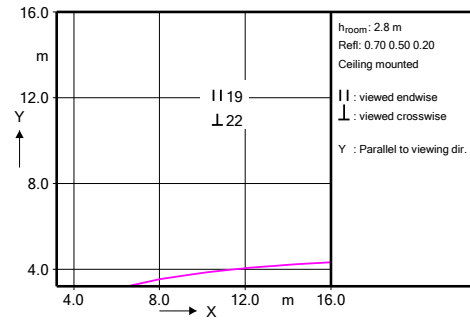


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25065	19240	18910
50.0	17179	12734	12491
55.0	11833	8439	8261
60.0	8658	5911	5773
65.0	6356	4125	4019
70.0	4358	2663	2587
75.0	2882	1634	1582
80.0	2011	1034	998
85.0	1433	645	619
90.0	1337	490	468

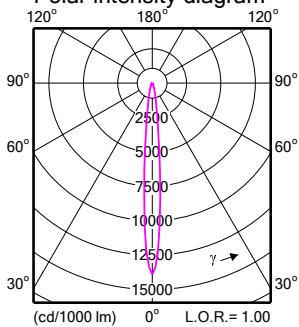
(cd/m2)

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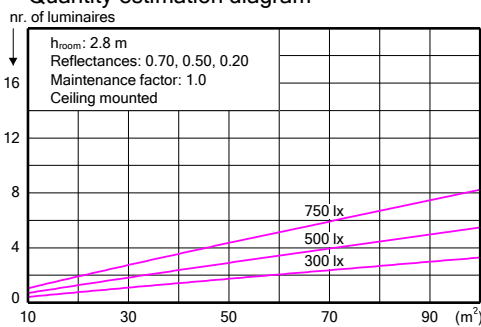
1 x 8655 lm

Polar intensity diagram

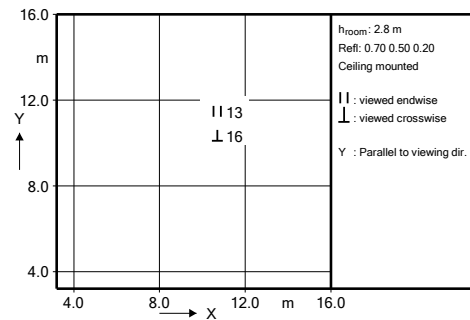


(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11119	8535	8388
50.0	8273	6132	6015
55.0	5920	4222	4133
60.0	4139	2826	2760
65.0	2789	1810	1763
70.0	1692	1034	1004
75.0	1246	706	684
80.0	1300	669	645
85.0	1314	591	567
90.0	1593	584	557

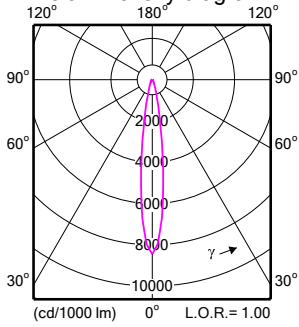
(cd/m2)

2021-08-30

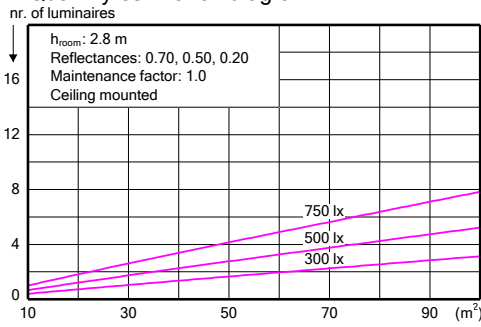
BVP359 S 45LED 40K 220V L40 1xLED 15

1 x 9090 lm

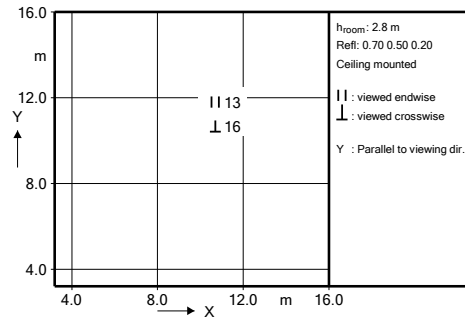
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11147	8557	8410
50.0	8499	6300	6180
55.0	6299	4493	4398
60.0	4383	2992	2923
65.0	2930	1902	1853
70.0	1759	1075	1044
75.0	1205	683	662
80.0	1106	569	549
85.0	1043	469	450
90.0	1153	423	404

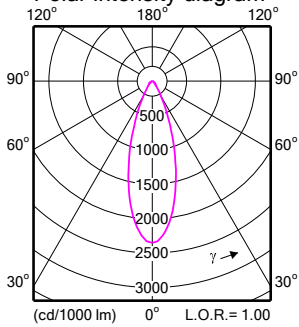
(cd/m2)

2021-08-30

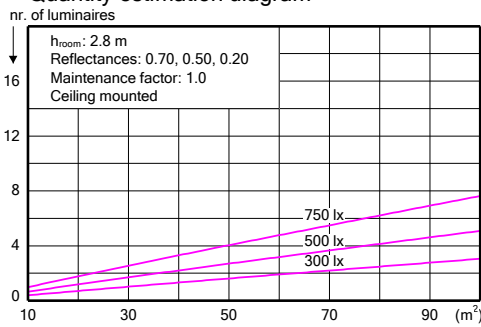
BVP359 S 45LED 40K 220V L40 1xLED 30

1 x 9415 lm

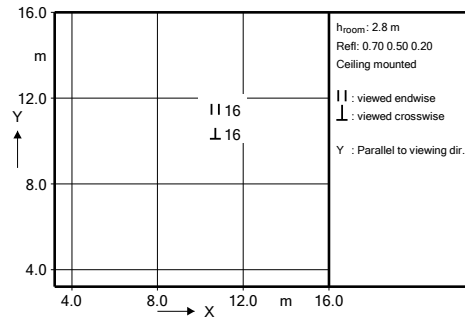
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12975	9959	9789
50.0	10322	7652	7506
55.0	7950	5670	5550
60.0	5904	4031	3937
65.0	4341	2817	2745
70.0	3004	1836	1783
75.0	2186	1239	1200
80.0	1699	874	843
85.0	1421	639	613
90.0	1511	554	529

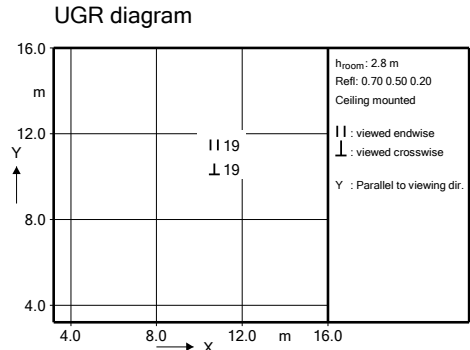
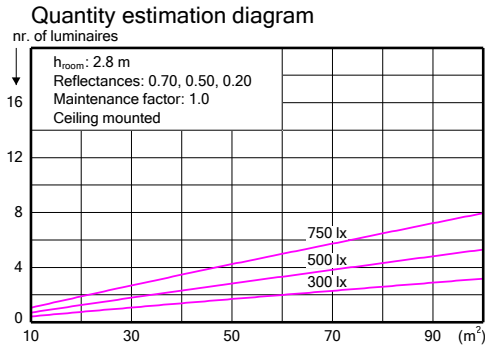
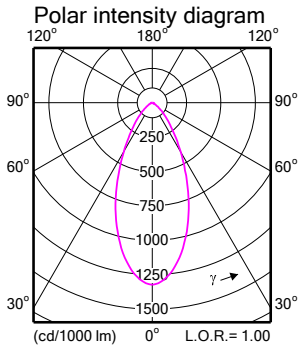
(cd/m2)

2021-08-30



BVP359 S 45LED 40K 220V L40 1xLED 45

1 x 9090 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

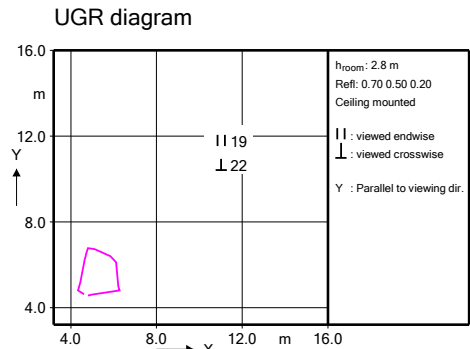
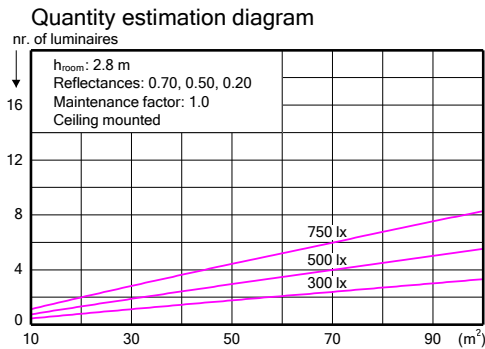
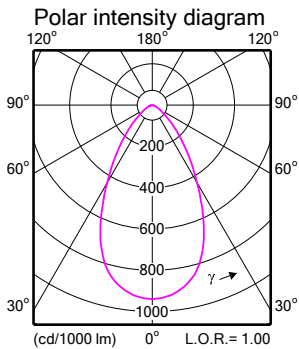
Plane Cone	0.0	45.0	90.0
45.0	24125	18518	18201
50.0	16319	12097	11866
55.0	10682	7618	7457
60.0	6692	4569	4462
65.0	3919	2544	2479
70.0	1804	1102	1071
75.0	1020	578	560
80.0	1034	532	513
85.0	1130	508	488
90.0	1383	507	484

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 40K 220V L40 1xLED 60

1 x 8875 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

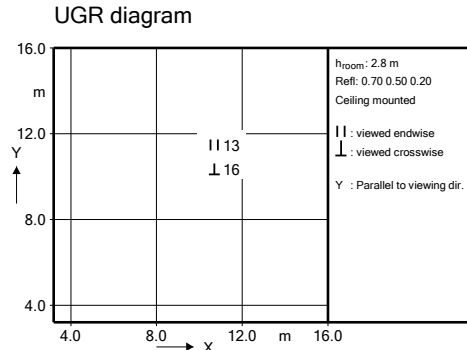
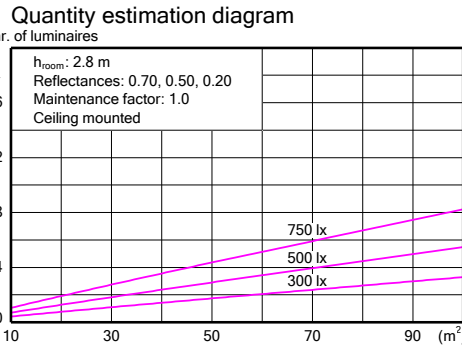
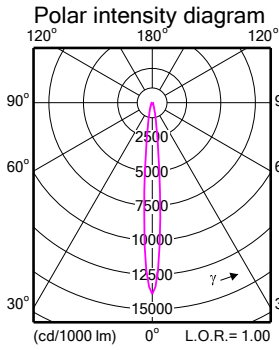
Plane Cone	0.0	45.0	90.0
45.0	27964	21465	21097
50.0	19166	14207	13936
55.0	13202	9415	9217
60.0	9659	6594	6441
65.0	7091	4602	4484
70.0	4862	2971	2886
75.0	3215	1823	1765
80.0	2243	1154	1113
85.0	1599	719	691
90.0	1492	547	522

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 50K 220V L40 1xLED 10

1 x 8655 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

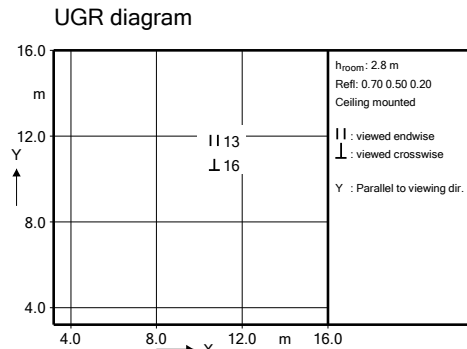
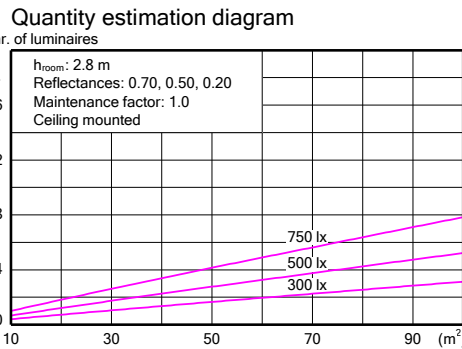
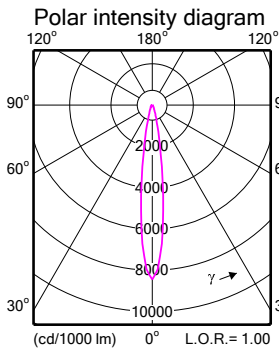
Plane Cone	0.0	45.0	90.0
45.0	11119	8535	8388
50.0	8273	6132	6015
55.0	5920	4222	4133
60.0	4139	2826	2760
65.0	2789	1810	1763
70.0	1692	1034	1004
75.0	1246	706	684
80.0	1300	669	645
85.0	1314	591	567
90.0	1593	584	557

(cd/m2)

2021-08-30

BVP359 S 45LED 50K 220V L40 1xLED 15

1 x 9090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

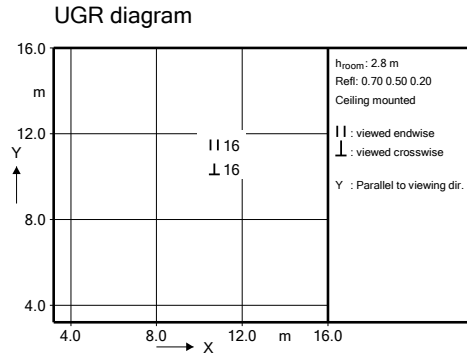
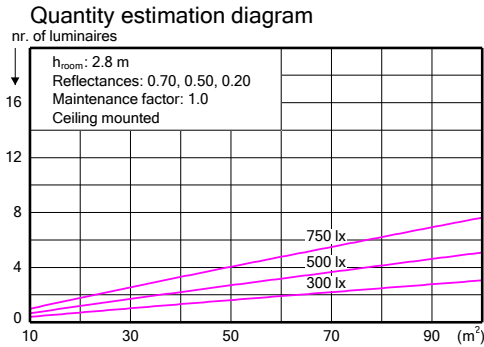
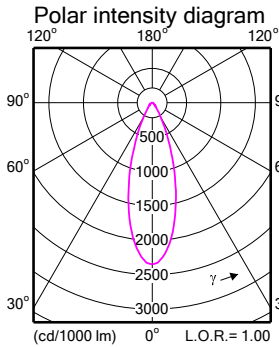
Plane Cone	0.0	45.0	90.0
45.0	11147	8557	8410
50.0	8499	6300	6180
55.0	6299	4493	4398
60.0	4383	2992	2923
65.0	2930	1902	1853
70.0	1759	1075	1044
75.0	1205	683	662
80.0	1106	569	549
85.0	1043	469	450
90.0	1153	423	404

(cd/m2)

2021-08-30

BVP359 S 45LED 50K 220V L40 1xLED 30

1 x 9415 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

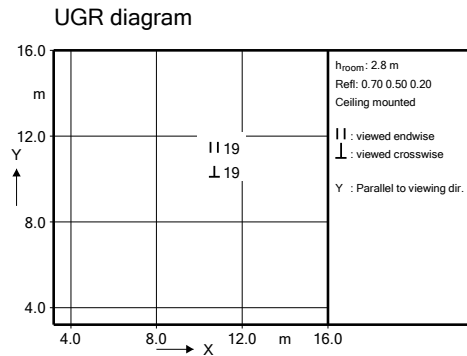
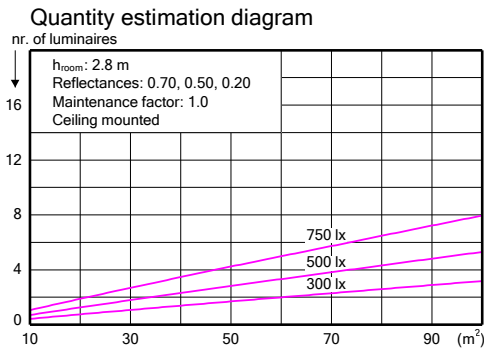
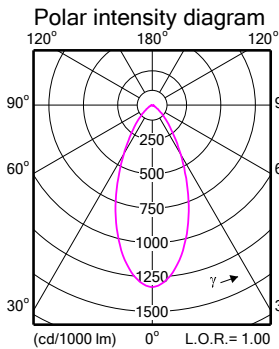
Plane Cone	0.0	45.0	90.0
45.0	12975	9959	9789
50.0	10322	7652	7506
55.0	7950	5670	5550
60.0	5904	4031	3937
65.0	4341	2817	2745
70.0	3004	1836	1783
75.0	2186	1239	1200
80.0	1699	874	843
85.0	1421	639	613
90.0	1511	554	529

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 50K 220V L40 1xLED 45

1 x 9090 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24125	18518	18201
50.0	16319	12097	11866
55.0	10682	7618	7457
60.0	6692	4569	4462
65.0	3919	2544	2479
70.0	1804	1102	1071
75.0	1020	578	560
80.0	1034	532	513
85.0	1130	508	488
90.0	1383	507	484

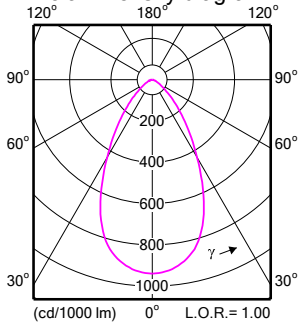
(cd/m<sup>2</sup>)

2021-08-30

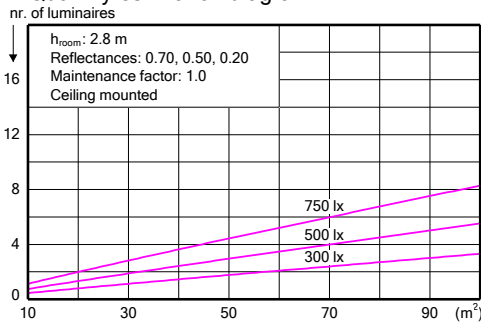
BVP359 S 45LED 50K 220V L40 1xLED 60

1 x 8875 lm

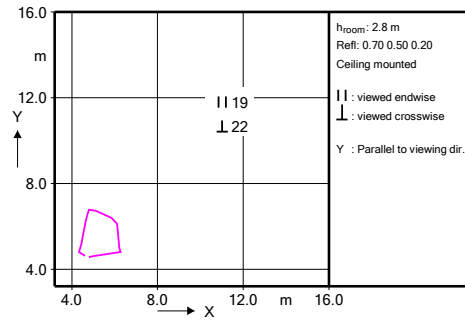
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	27964	21465	21097
50.0	19166	14207	13936
55.0	13202	9415	9217
60.0	9659	6594	6441
65.0	7091	4602	4484
70.0	4862	2971	2886
75.0	3215	1823	1765
80.0	2243	1154	1113
85.0	1599	719	691
90.0	1492	547	522

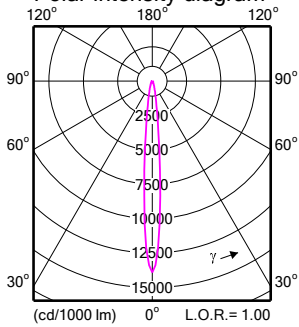
(cd/m<sup>2</sup>)

2021-08-30

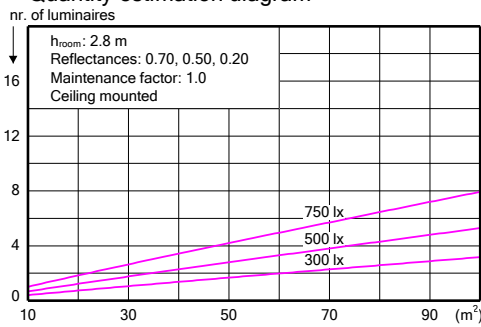
BVP359 S 45LED 57K 220V L40 1xLED 10

1 x 8975 lm

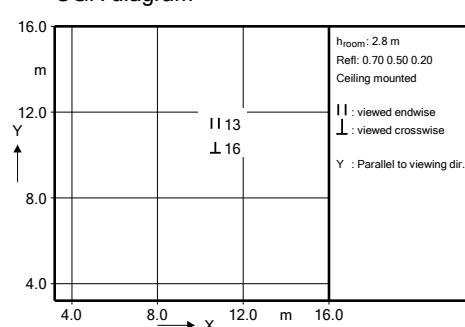
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11530	8850	8699
50.0	8579	6359	6238
55.0	6139	4378	4286
60.0	4292	2930	2852
65.0	2892	1877	1829
70.0	1754	1072	1041
75.0	1292	732	709
80.0	1348	693	669
85.0	1362	613	588
90.0	1652	606	578

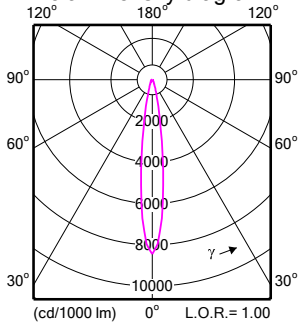
(cd/m<sup>2</sup>)

2021-08-30

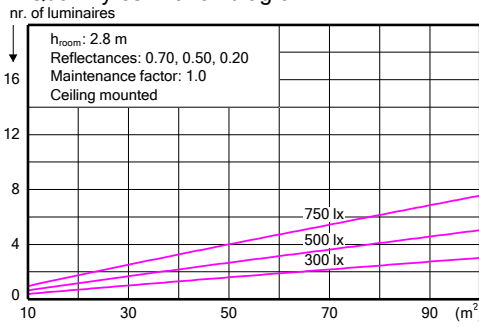
BVP359 S 45LED 57K 220V L40 1xLED 15

1 x 9425 lm

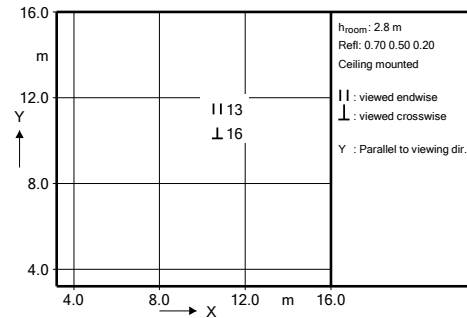
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11558	8872	8720
50.0	8812	6532	6408
55.0	6532	4658	4560
60.0	4544	3103	3030
65.0	3038	1972	1921
70.0	1824	1114	1083
75.0	1249	708	686
80.0	1147	590	569
85.0	1081	486	467
90.0	1196	438	419

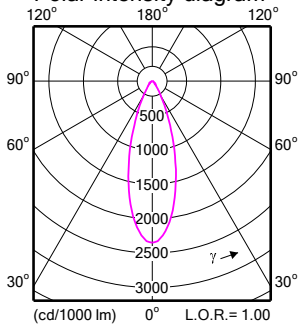
(cd/m<sup>2</sup>)

2021-08-30

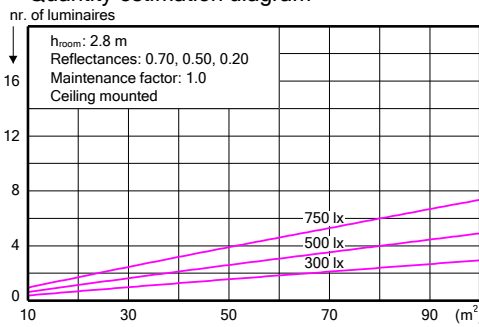
BVP359 S 45LED 57K 220V L40 1xLED 30

1 x 9765 lm

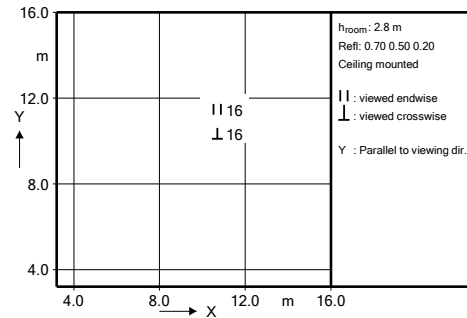
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

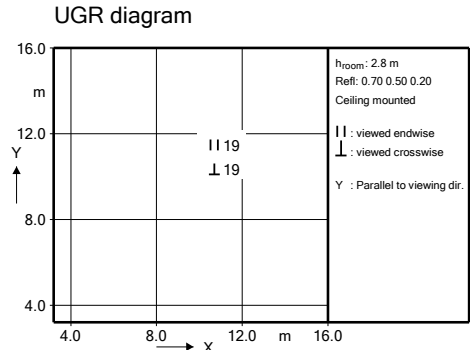
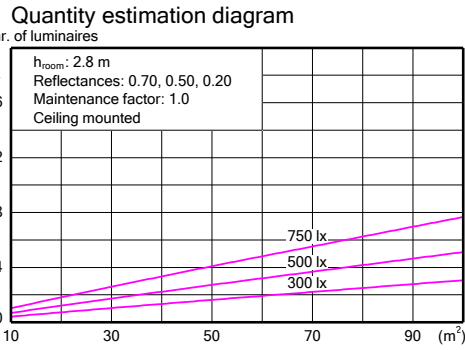
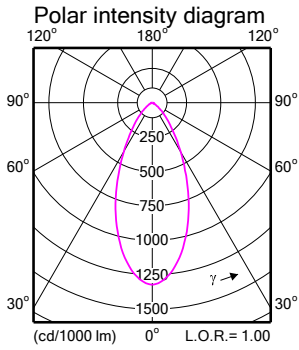
Plane Cone	0.0	45.0	90.0
45.0	13457	10330	10153
50.0	10706	7936	7785
55.0	8246	5881	5757
60.0	6123	4180	4083
65.0	4502	2922	2847
70.0	3116	1904	1850
75.0	2268	1285	1245
80.0	1762	907	875
85.0	1473	663	636
90.0	1567	575	549

(cd/m<sup>2</sup>)

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BVP359 S 45LED 57K 220V L40 1xLED 45

1 x 9425 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

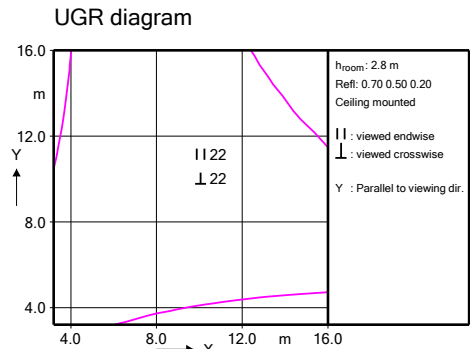
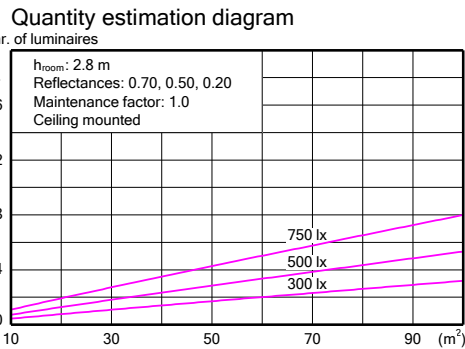
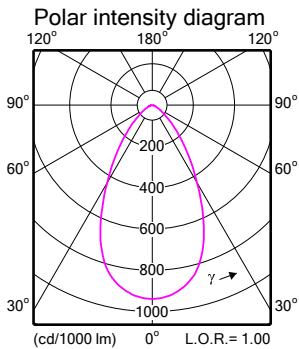
Plane Cone	0.0	45.0	90.0
45.0	25014	19201	18872
50.0	16921	12543	12304
55.0	11075	7899	7732
60.0	6939	4737	4627
65.0	4064	2638	2570
70.0	1870	1143	1110
75.0	1057	599	580
80.0	1072	552	532
85.0	1171	527	506
90.0	1434	526	502

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 57K 220V L40 1xLED 60

1 x 9200 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

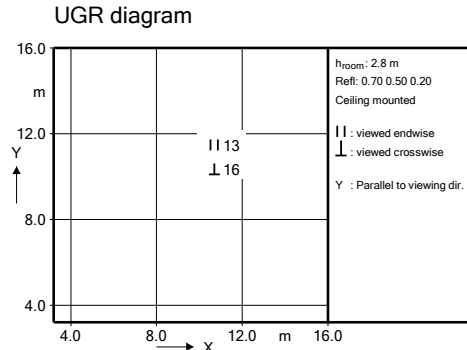
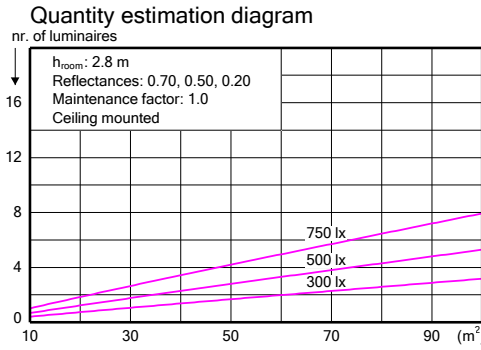
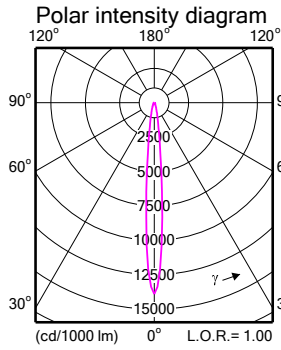
Plane Cone	0.0	45.0	90.0
45.0	28988	22251	21870
50.0	19868	14727	14446
55.0	13685	9760	9554
60.0	10013	6836	6677
65.0	7350	4771	4648
70.0	5040	3080	2992
75.0	3333	1889	1830
80.0	2325	1196	1154
85.0	1657	745	716
90.0	1546	567	541

(cd/m<sup>2</sup>)

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BVP359 S 45LED 65K 220V L40 1xLED 10

1 x 8975 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

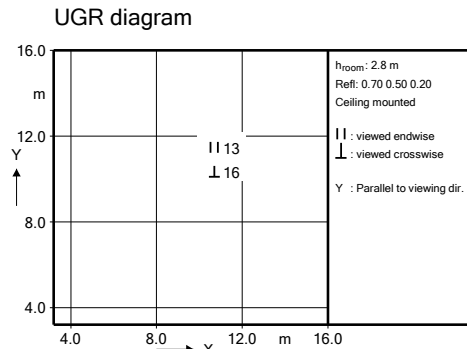
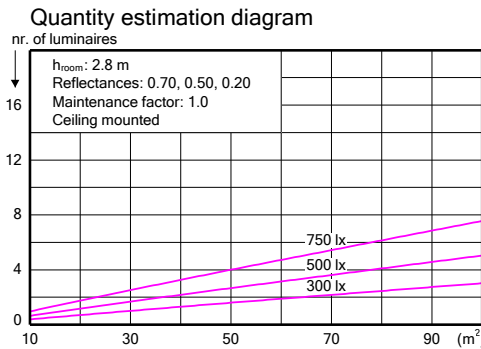
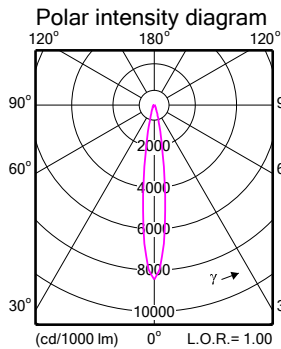
Plane Cone	0.0	45.0	90.0
45.0	11530	8850	8699
50.0	8579	6359	6238
55.0	6139	4378	4286
60.0	4292	2930	2862
65.0	2892	1877	1829
70.0	1754	1072	1041
75.0	1292	732	709
80.0	1348	693	669
85.0	1362	613	588
90.0	1652	606	578

(cd/m2)

2021-08-30

BVP359 S 45LED 65K 220V L40 1xLED 15

1 x 9425 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

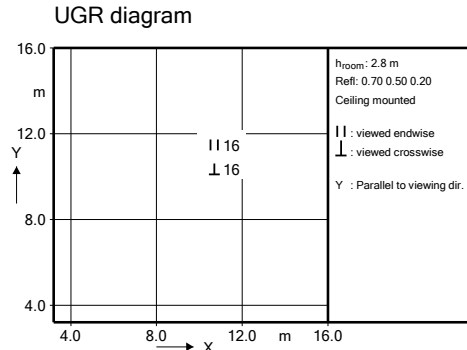
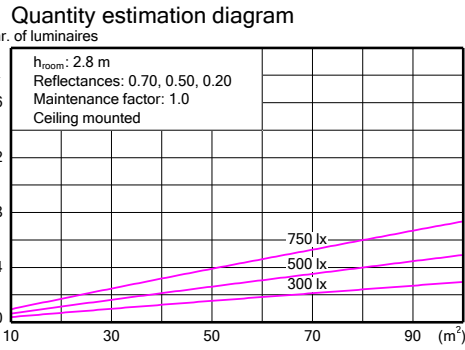
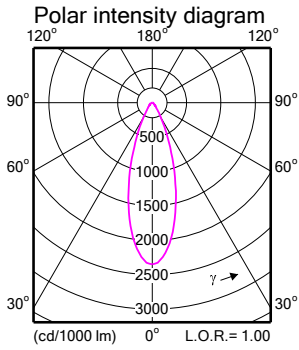
Plane Cone	0.0	45.0	90.0
45.0	11558	8872	8720
50.0	8812	6532	6408
55.0	6532	4658	4560
60.0	4544	3103	3030
65.0	3038	1972	1921
70.0	1824	1114	1083
75.0	1249	708	686
80.0	1147	590	569
85.0	1081	486	467
90.0	1196	438	419

(cd/m2)

2021-08-30

BVP359 S 45LED 65K 220V L40 1xLED 30

1 x 9765 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

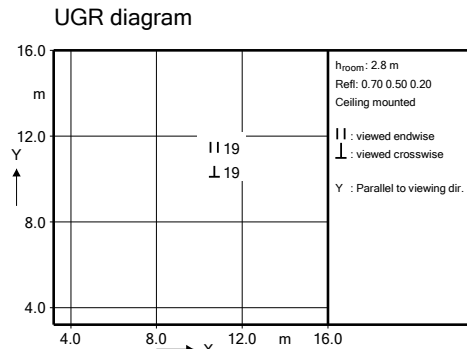
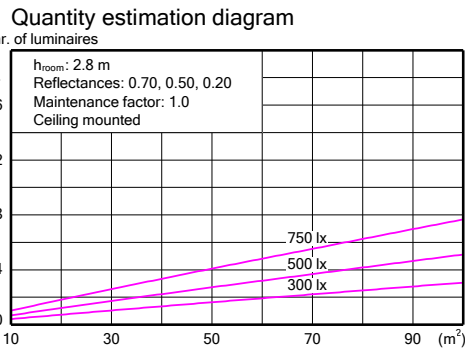
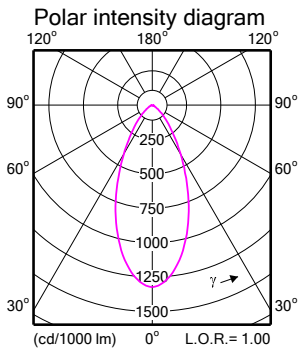
Plane Cone	0.0	45.0	90.0
45.0	13457	10330	10153
50.0	10706	7936	7785
55.0	8246	5881	5757
60.0	6123	4180	4083
65.0	4502	2922	2847
70.0	3116	1904	1850
75.0	2268	1285	1245
80.0	1762	907	875
85.0	1473	663	636
90.0	1567	575	549

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED 65K 220V L40 1xLED 45

1 x 9425 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25014	19201	18872
50.0	16921	12543	12304
55.0	11075	7899	7732
60.0	6939	4737	4627
65.0	4064	2638	2570
70.0	1870	1143	1110
75.0	1057	599	580
80.0	1072	552	532
85.0	1171	527	506
90.0	1434	526	502

(cd/m<sup>2</sup>)

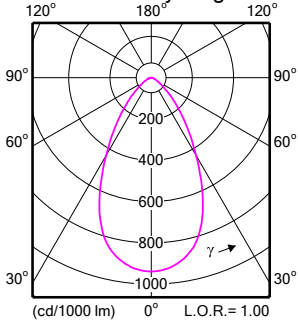
2021-08-30



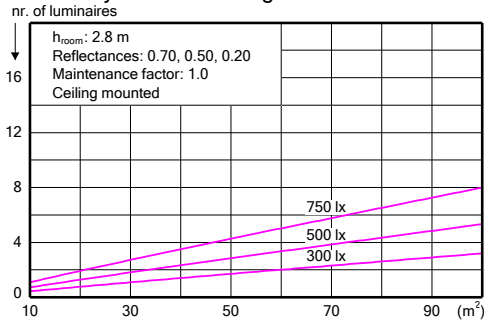
BVP359 S 45LED 65K 220V L40 1xLED 60

1 x 9200 lm

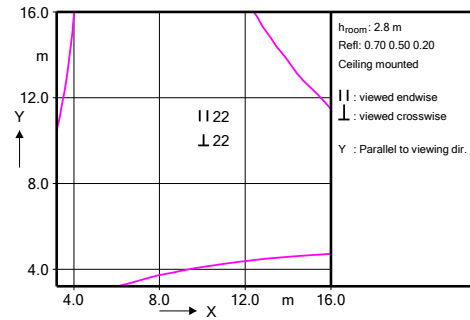
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28988	22251	21870
50.0	19868	14727	14446
55.0	13685	9760	9554
60.0	10013	6836	6677
65.0	7350	4771	4648
70.0	5040	3080	2992
75.0	3333	1889	1830
80.0	2325	1196	1154
85.0	1657	745	716
90.0	1546	567	541

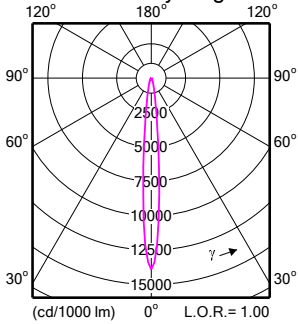
(cd/m<sup>2</sup>)

2021-08-30

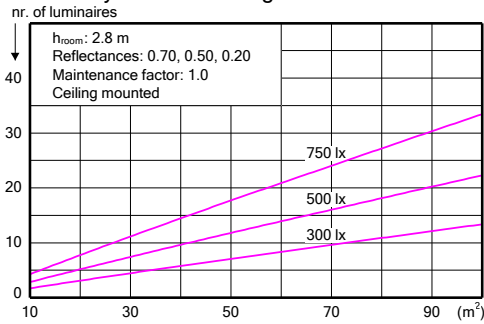
BVP359 S 45LED BL 220V L40 1xLED 10

1 x 2130 lm

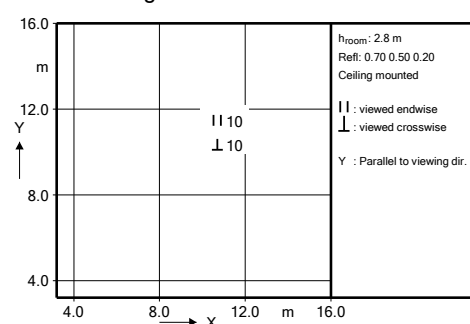
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 92 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

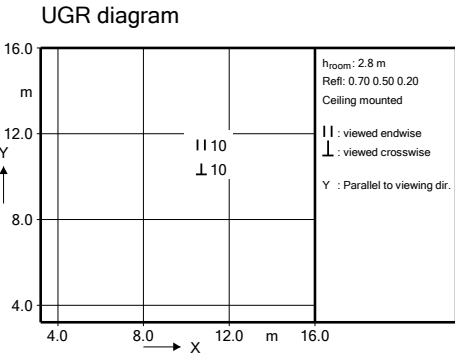
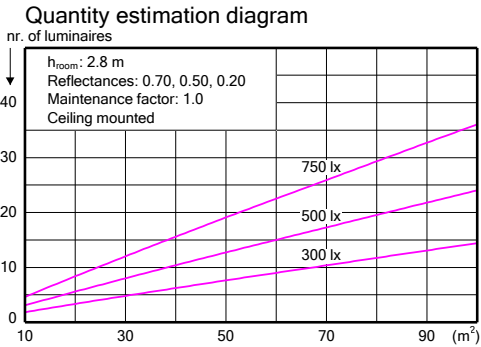
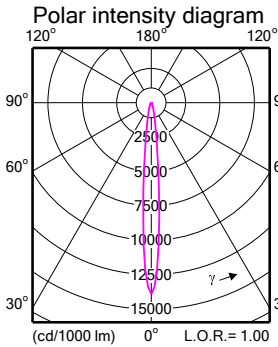
Plane Cone	0.0	45.0	90.0
45.0	2736	2100	2064
50.0	2036	1509	1480
55.0	1457	1039	1017
60.0	1019	695	679
65.0	686	445	434
70.0	416	254	247
75.0	307	174	168
80.0	320	165	159
85.0	323	145	140
90.0	392	144	137

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED BL 220V L40 DMX 1xLED 10

1 x 1975 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.00	
	0.50	0.50	0.30	0.50	0.50	0.30	0.30	0.10	0.10	0.00	
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2537	1948	1914
50.0	1888	1399	1373
55.0	1351	963	943
60.0	945	645	630
65.0	636	413	402
70.0	386	236	229
75.0	284	161	156
80.0	297	153	147
85.0	300	135	129
90.0	363	133	127

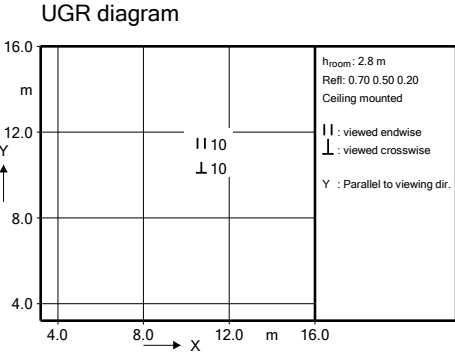
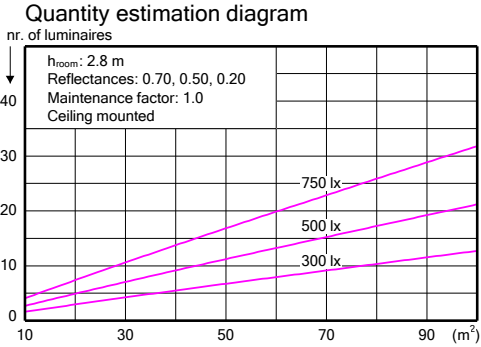
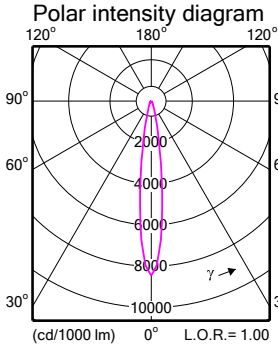
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 S 45LED BL 220V L40 1xLED 15

1 x 2240 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.00	
	0.50	0.50	0.30	0.50	0.50	0.30	0.30	0.10	0.10	0.00	
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2747	2109	2072
50.0	2094	1552	1523
55.0	1552	1107	1084
60.0	1080	737	720
65.0	722	469	457
70.0	433	265	257
75.0	297	168	163
80.0	273	140	135
85.0	257	116	111
90.0	284	104	99

(cd/m2)

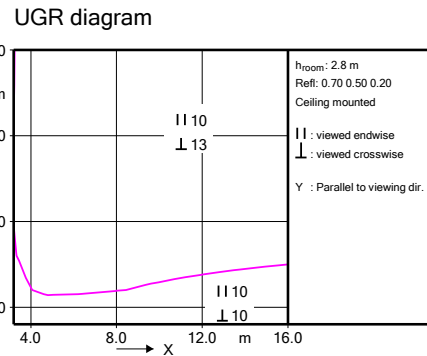
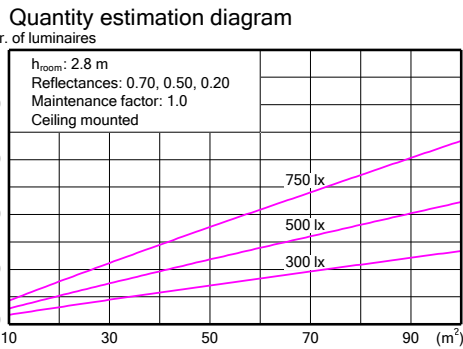
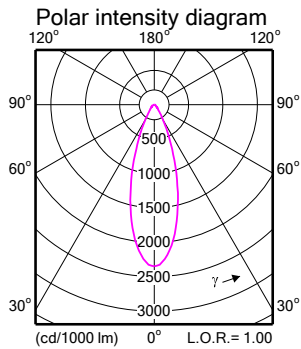
Ceiling mounted

2021-08-30



### BVP359 S 45LED BL 220V L40 DMX 1xLED 30

1 x 2150 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30			0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66		
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71		
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76		
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80		
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83		
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88		
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92		
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94		
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96		
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97		

Ceiling mounted

Luminance Table

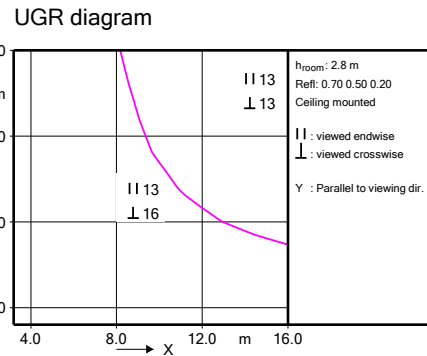
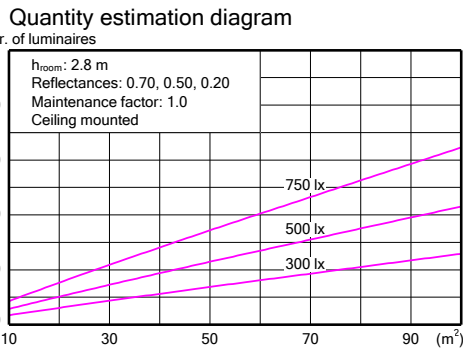
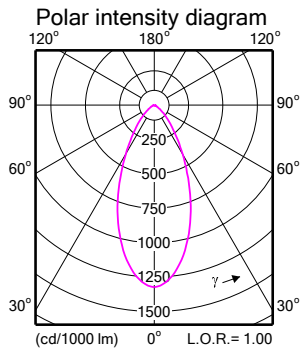
Plane Cone	0.0	45.0	90.0
45.0	2963	2274	2235
50.0	2357	1747	1714
55.0	1816	1295	1267
60.0	1348	920	899
65.0	991	643	627
70.0	686	419	407
75.0	499	283	274
80.0	388	200	193
85.0	324	146	140
90.0	345	127	121

(cd/m2)

2021-08-30

### BVP359 S 45LED BL 220V L40 1xLED 45

1 x 2240 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30			0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61		
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67		
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73		
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78		
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82		
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87		
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91		
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93		
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96		
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97		

Ceiling mounted

Luminance Table

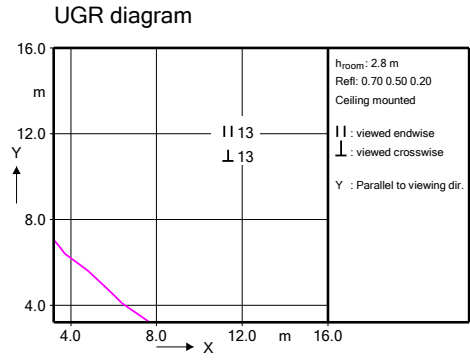
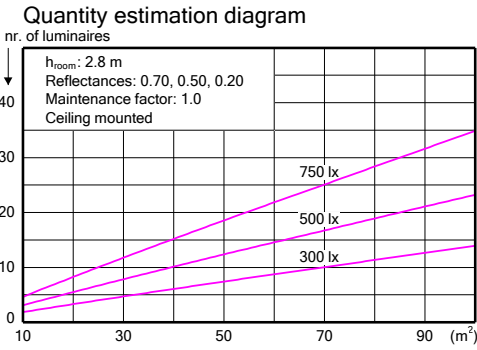
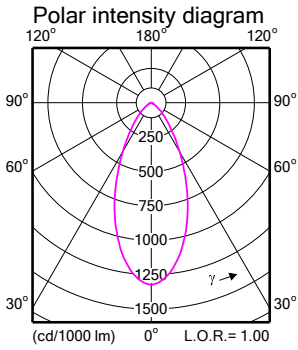
Plane Cone	0.0	45.0	90.0
45.0	5945	4563	4485
50.0	4021	2981	2924
55.0	2632	1877	1838
60.0	1649	1126	1100
65.0	966	627	611
70.0	445	272	264
75.0	251	142	138
80.0	255	131	126
85.0	278	125	120
90.0	341	125	119

(cd/m2)

2021-08-30

BVP359 S 45LED BL 220V L40 DMX 1xLED 45

1 x 2075 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5507	4227	4155
50.0	3725	2761	2709
55.0	2438	1739	1702
60.0	1528	1043	1019
65.0	895	581	566
70.0	412	252	244
75.0	233	132	128
80.0	236	121	117
85.0	258	116	111
90.0	316	116	110

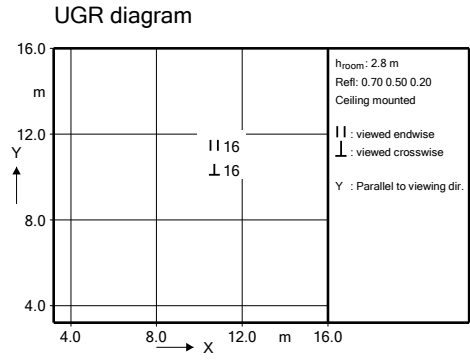
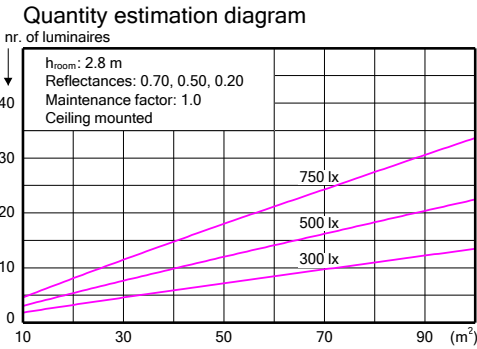
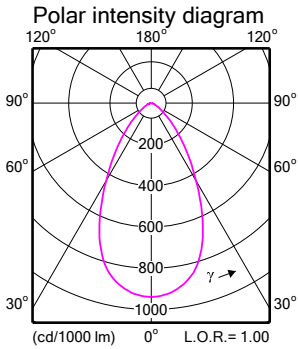
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 S 45LED BL 220V L40 1xLED 60

1 x 2185 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6885	5285	5194
50.0	4719	3498	3431
55.0	3250	2318	2269
60.0	2378	1624	1586
65.0	1746	1133	1104
70.0	1197	731	711
75.0	792	449	435
80.0	552	284	274
85.0	394	177	170
90.0	367	135	129

(cd/m2)

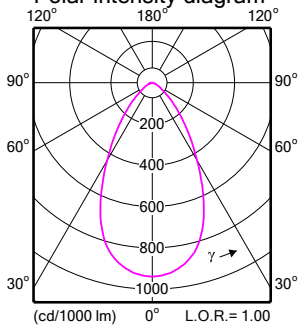
Ceiling mounted

2021-08-30

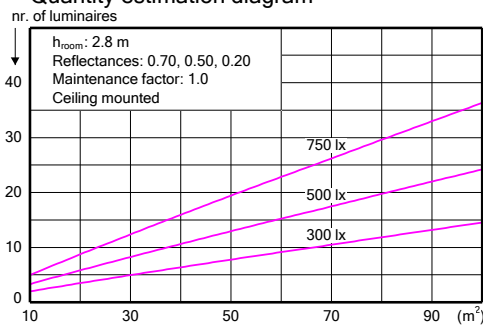
### BVP359 S 45LED BL 220V L40 DMX 1xLED 60

1 x 2025 lm

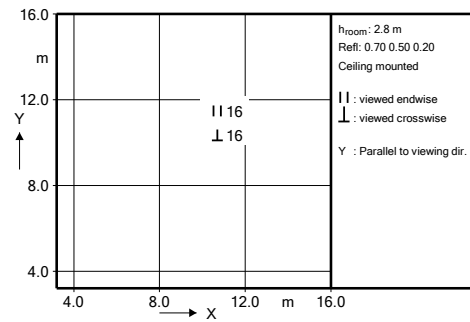
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)								
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00
0.60	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.71
1.00	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.77
1.25	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83
1.50	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89
2.00	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92
2.50	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95
3.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.96
4.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6380	4898	4814
50.0	4373	3242	3180
55.0	3012	2148	2103
60.0	2204	1505	1470
65.0	1618	1050	1023
70.0	1109	678	659
75.0	734	416	403
80.0	512	263	254
85.0	365	164	158
90.0	340	125	119

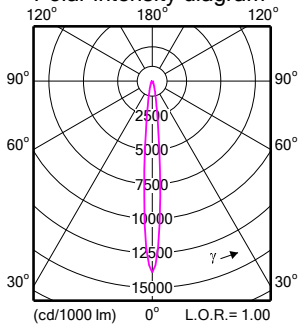
(cd/m2)

2021-08-30

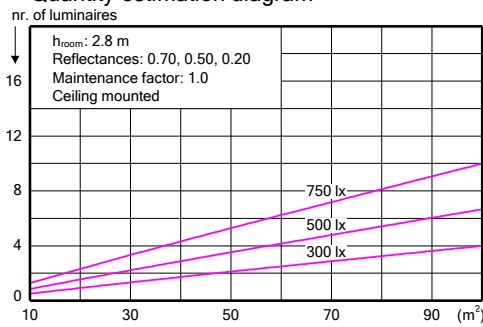
### BVP359 S 45LED GN 220V L40 1xLED 10

1 x 7130 lm

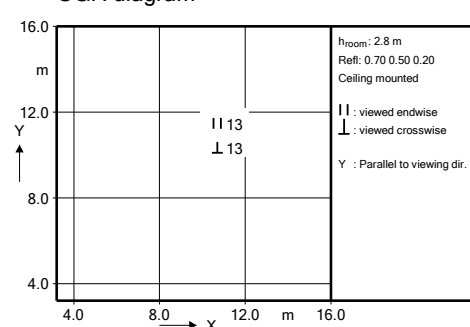
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)								
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00
0.60	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.97
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9160	7031	6910
50.0	6815	5052	4955
55.0	4877	3478	3405
60.0	3410	2328	2274
65.0	2297	1491	1453
70.0	1394	852	827
75.0	1026	582	563
80.0	1071	551	531
85.0	1082	487	467
90.0	1312	481	459

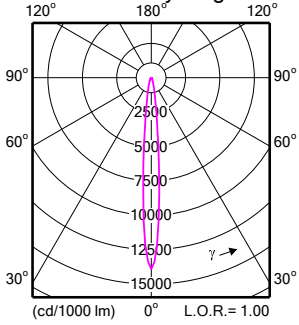
(cd/m2)

2021-08-30

BVP359 S 45LED GN 220V L40 DMX 1xLED 10

1 x 6685 lm

Polar intensity diagram

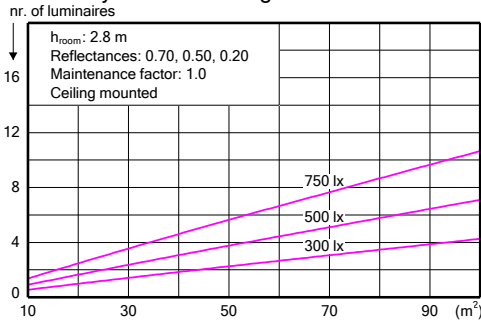


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

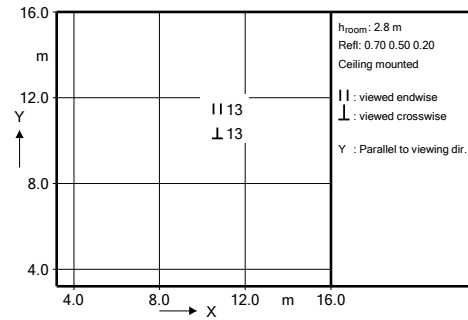


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8588	6592	6479
50.0	6390	4736	4646
55.0	4573	3261	3192
60.0	3197	2183	2132
65.0	2154	1398	1362
70.0	1307	798	776
75.0	962	545	528
80.0	1004	516	498
85.0	1015	456	438
90.0	1230	451	431

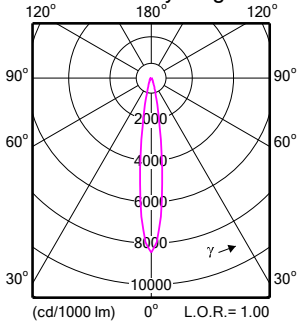
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED GN 220V L40 1xLED 15

1 x 7490 lm

Polar intensity diagram

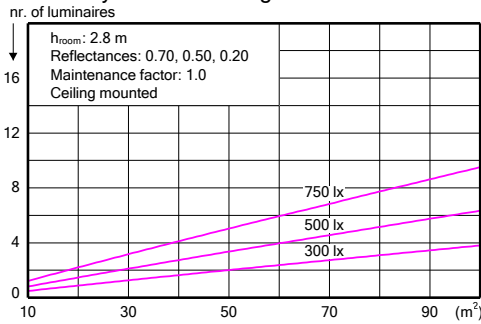


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

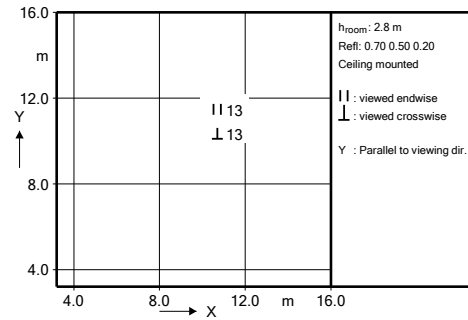


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9185	7051	6930
50.0	7003	5191	5092
55.0	5191	3702	3624
60.0	3611	2466	2408
65.0	2414	1567	1527
70.0	1449	885	860
75.0	993	563	545
80.0	912	469	452
85.0	859	386	371
90.0	950	348	333

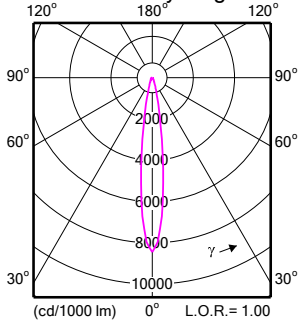
(cd/m<sup>2</sup>)

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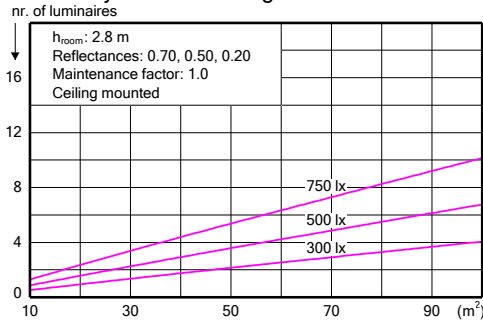
1 x 7020 lm

Polar intensity diagram



(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram

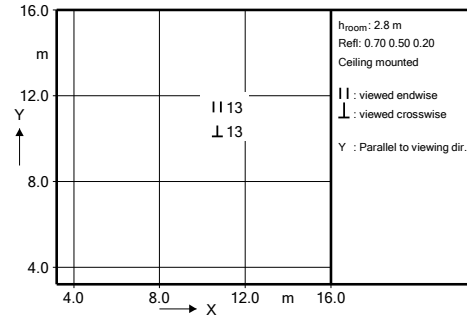


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8609	6608	6495
50.0	6564	4865	4773
55.0	4865	3470	3396
60.0	3385	2311	2257
65.0	2263	1469	1431
70.0	1358	830	806
75.0	931	528	511
80.0	854	440	424
85.0	805	362	348
90.0	891	327	312

(cd/m<sup>2</sup>)

Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

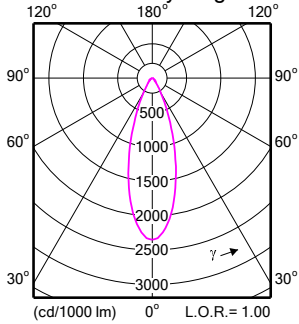
UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

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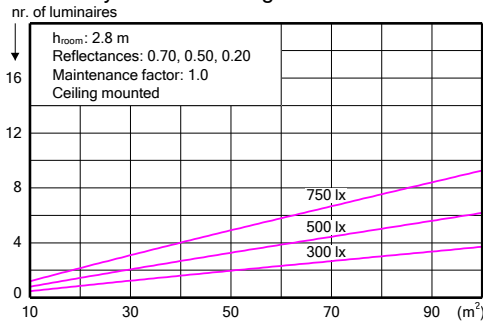
1 x 7755 lm

Polar intensity diagram



(cd/1000 lm) 0° L.O.R.= 1.00

Quantity estimation diagram

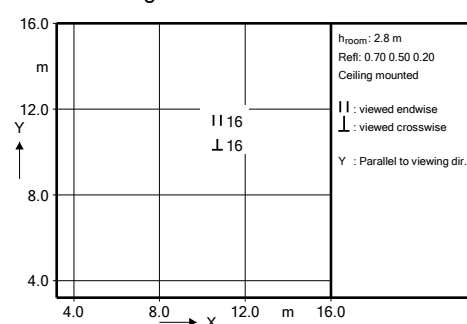


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10687	8203	8063
50.0	8502	6302	6182
55.0	6549	4670	4572
60.0	4863	3320	3243
65.0	3576	2321	2261
70.0	2475	1512	1469
75.0	1801	1021	989
80.0	1400	720	695
85.0	1170	526	505
90.0	1245	456	436

(cd/m<sup>2</sup>)

Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

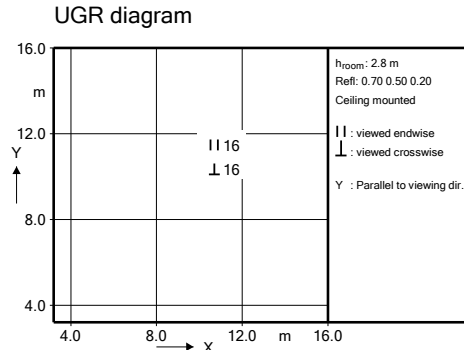
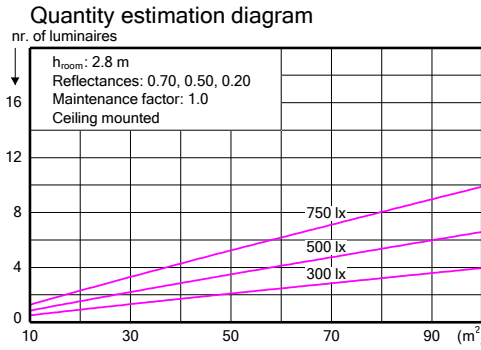
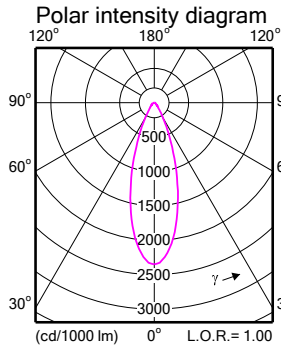
UGRcen (4Hx8H, 0.25H) 15

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1 x 7270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

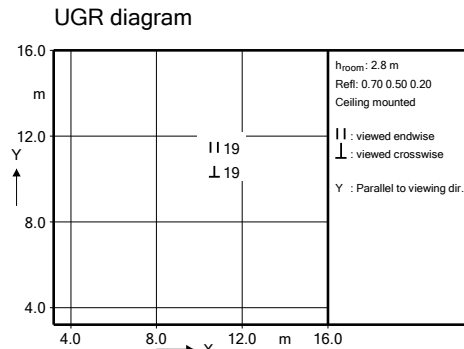
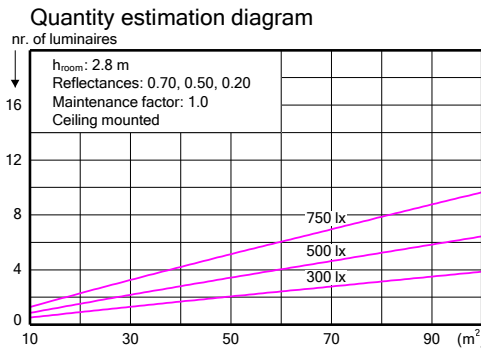
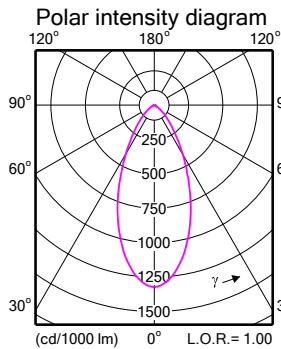
Plane Cone	0.0	45.0	90.0
45.0	10019	7690	7558
50.0	7971	5908	5796
55.0	6139	4378	4286
60.0	4559	3112	3040
65.0	3352	2176	2120
70.0	2320	1417	1377
75.0	1688	957	927
80.0	1312	675	651
85.0	1097	493	474
90.0	1167	428	408

(cd/m<sup>2</sup>)

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BVP359 S 45LED GN 220V L40 1xLED 45

1 x 7490 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

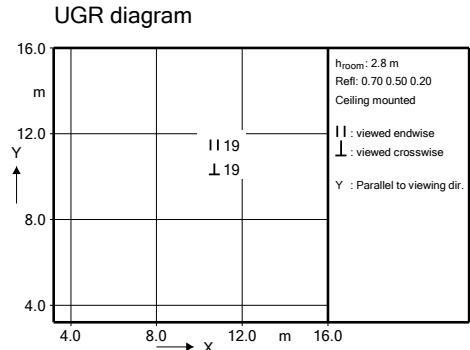
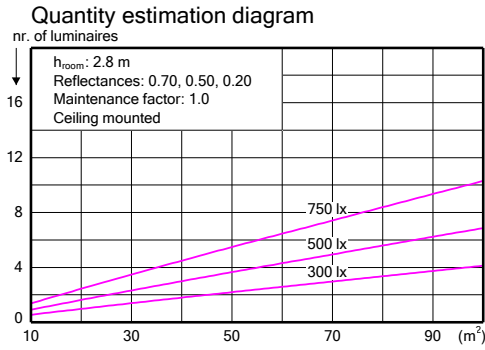
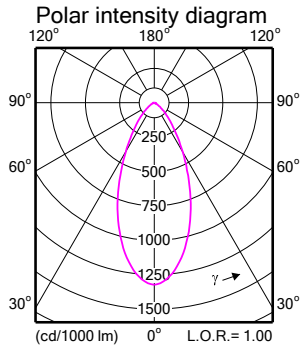
Plane Cone	0.0	45.0	90.0
45.0	19878	15259	14997
50.0	13447	9968	9778
55.0	8802	6277	6145
60.0	5514	3764	3677
65.0	3230	2096	2042
70.0	1486	908	882
75.0	840	476	461
80.0	852	438	423
85.0	931	419	402
90.0	1139	418	399

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED GN 220V L40 DMX 1xLED 45

1 x 7020 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

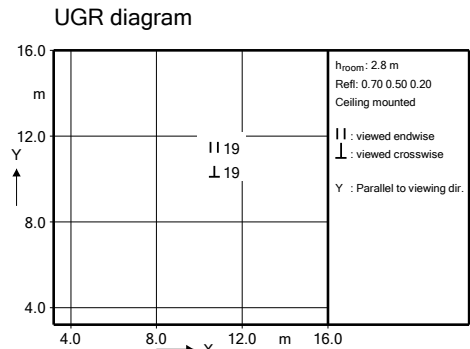
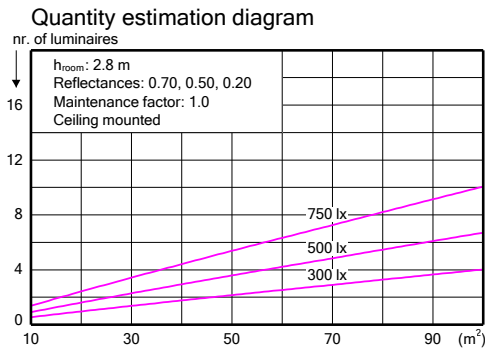
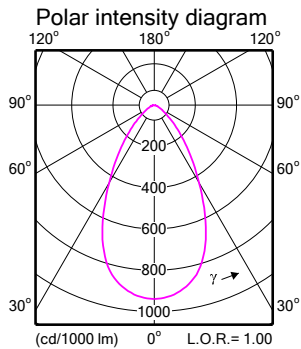
Plane Cone	0.0	45.0	90.0
45.0	18631	14301	14056
50.0	12603	9342	9164
55.0	8249	5883	5759
60.0	5168	3528	3446
65.0	3027	1965	1914
70.0	1393	851	827
75.0	787	446	432
80.0	799	411	396
85.0	872	392	377
90.0	1068	391	374

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 45LED GN 220V L40 1xLED 60

1 x 7310 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	23033	17680	17377
50.0	15786	11701	11478
55.0	10874	7755	7591
60.0	7956	5432	5305
65.0	5840	3791	3693
70.0	4005	2447	2377
75.0	2648	1501	1454
80.0	1848	950	917
85.0	1317	592	569
90.0	1229	450	430

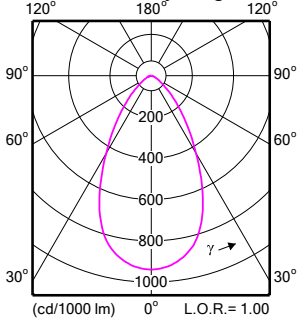
(cd/m<sup>2</sup>)

2021-08-30

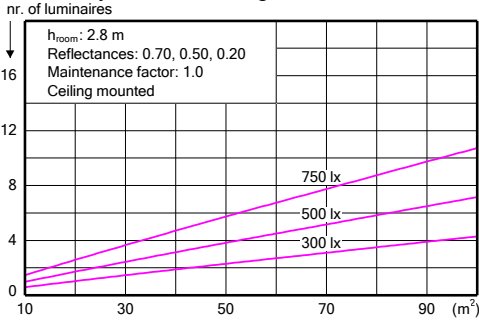
**BVP359 S 45LED GN 220V L40 DMX 1xLED 60**

1 x 6855 lm

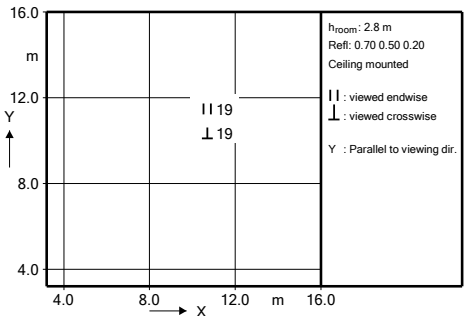
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
  
 CIE flux code 80 96 99 100 100  
  
 UGRcen (4Hx8H, 0.25H) 19

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.10		
	0.80	0.80	0.30	0.70	0.70	0.30	0.50	0.50	0.30	0.10	0.10	0.30	0.30	0.10	0.10
0.60	0.70	0.67	0.30	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.61	0.58	0.61	0.57
0.80	0.79	0.75	0.30	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.30	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.30	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.30	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	0.30	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.89	0.87	0.85	0.85
2.50	1.11	0.98	0.30	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.92	0.91	0.89	0.89
3.00	1.15	1.00	0.30	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.95	0.93	0.91	0.91
4.00	1.19	1.03	0.30	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.97	0.96	0.94	0.94
5.00	1.21	1.04	0.30	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.98	0.97	0.95	0.95

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	21599	16580	16295
50.0	14803	10973	10764
55.0	10197	7272	7119
60.0	7461	5093	4975
65.0	5477	3555	3463
70.0	3756	2295	2229
75.0	2483	1408	1363
80.0	1733	891	860
85.0	1235	555	533
90.0	1152	422	403

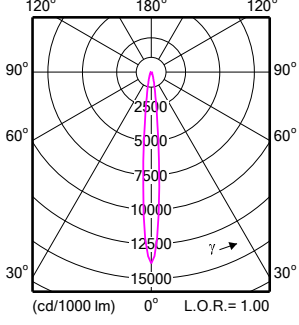
Ceiling mounted

2021-08-30

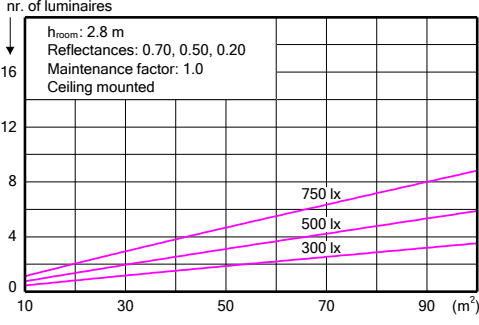
**BVP359 S 48LED TW 220V L40 DMX 1xLED 10**

1 x 8075 lm

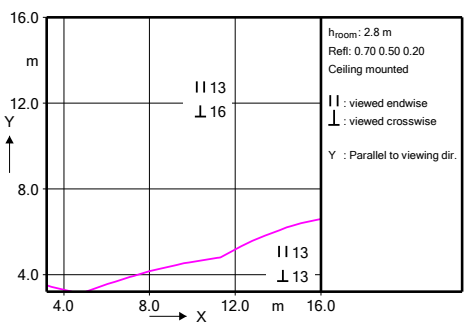
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
  
 CIE flux code 92 98 100 100 100  
  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80			0.70			0.50			0.30			0.10		
	0.80	0.80	0.30	0.70	0.70	0.30	0.50	0.50	0.30	0.10	0.10	0.30	0.30	0.10	0.10
0.60	0.80	0.76	0.30	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.30	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.30	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.30	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.85	0.83	0.82	0.82
1.50	1.03	0.94	0.30	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.88	0.86	0.85	0.85
2.00	1.10	0.98	0.30	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	0.30	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.96	0.95	0.93	0.93
3.00	1.18	1.03	0.30	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.98	0.97	0.95	0.95
4.00	1.21	1.05	0.30	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	1.00	0.99	0.97	0.97
5.00	1.24	1.06	0.30	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	1.01	1.01	0.99	0.99

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10374	7963	7826
50.0	7718	5721	5612
55.0	5524	3939	3856
60.0	3862	2637	2575
65.0	2602	1689	1645
70.0	1579	964	937
75.0	1162	659	638
80.0	1213	624	602
85.0	1226	551	529
90.0	1486	545	520

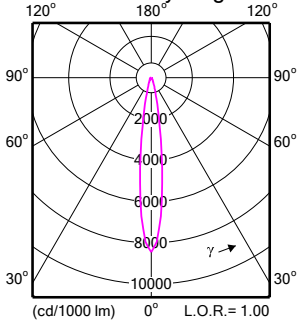
Ceiling mounted

2021-08-30

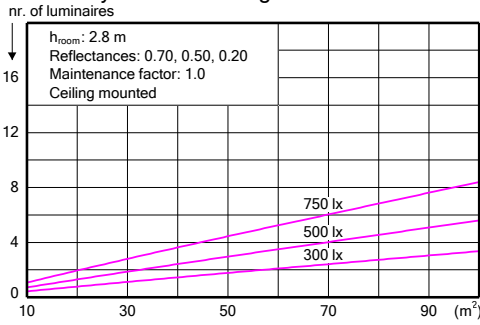
BVP359 S 48LED TW 220V L40 DMX 1xLED 15

1 x 8480 lm

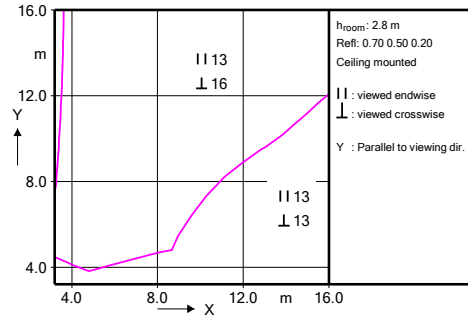
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10399	7983	7846
50.0	7929	5877	5765
55.0	5877	4191	4103
60.0	4089	2792	2727
65.0	2733	1774	1728
70.0	1641	1003	974
75.0	1124	637	617
80.0	1032	531	512
85.0	973	438	420
90.0	1076	395	377

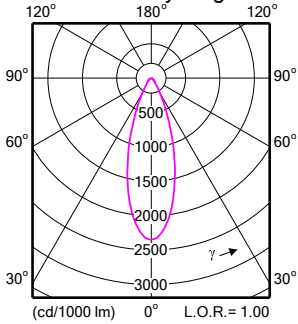
(cd/m2)

2021-08-30

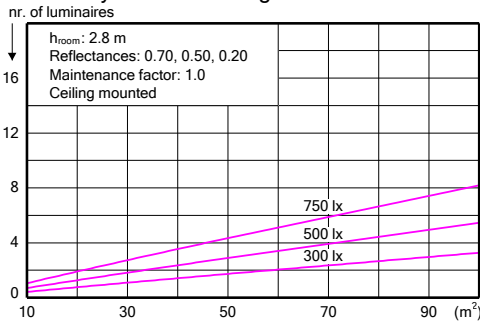
BVP359 S 48LED TW 220V L40 DMX 1xLED 30

1 x 8780 lm

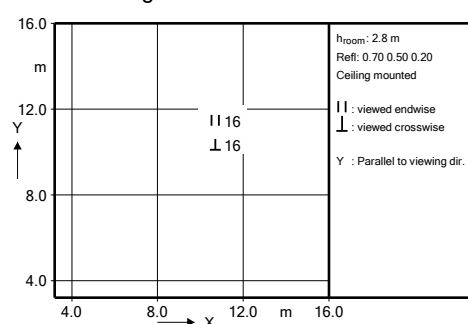
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

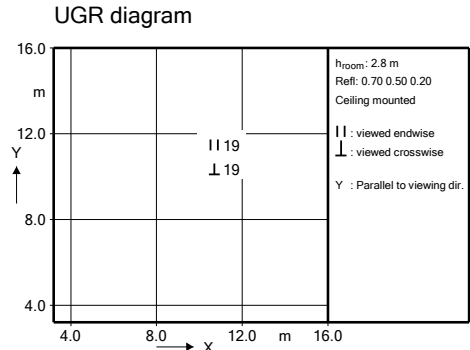
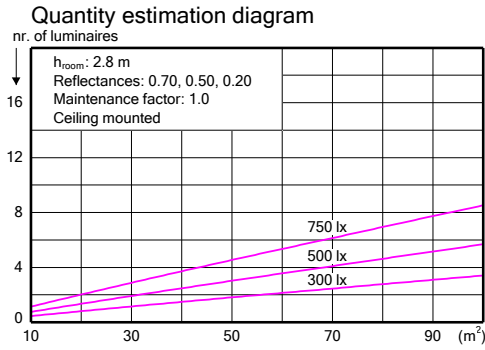
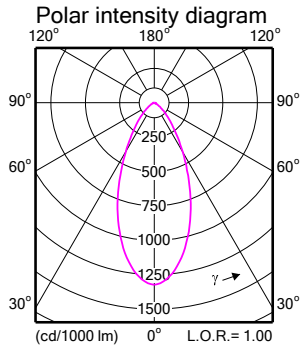
Plane Cone	0.0	45.0	90.0
45.0	12100	9288	9128
50.0	9626	7135	6999
55.0	7414	5288	5176
60.0	5506	3759	3671
65.0	4048	2627	2560
70.0	2802	1712	1663
75.0	2039	1156	1119
80.0	1585	815	786
85.0	1325	596	572
90.0	1409	517	493

(cd/m2)

2021-08-30

BVP359 S 48LED TW 220V L40 DMX 1xLED 45

1 x 8480 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

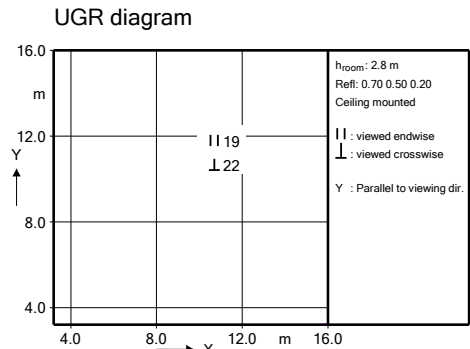
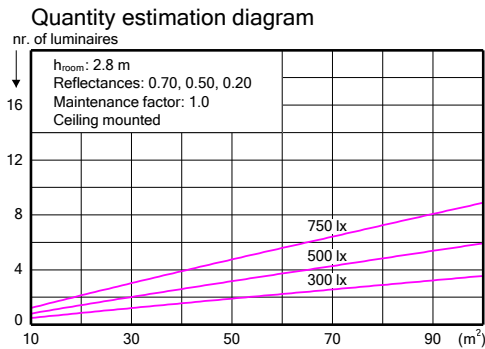
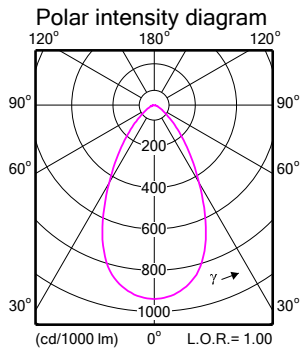
Plane Cone	0.0	45.0	90.0
45.0	22506	17276	16979
50.0	15224	11285	11070
55.0	9965	7107	6957
60.0	6243	4262	4163
65.0	3656	2373	2312
70.0	1683	1028	999
75.0	951	539	522
80.0	965	496	479
85.0	1054	474	455
90.0	1290	473	451

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 48LED TW 220V L40 DMX 1xLED 60

1 x 8275 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

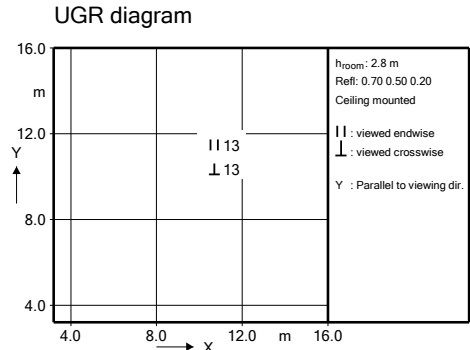
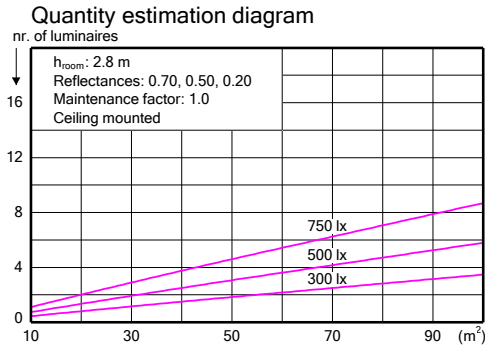
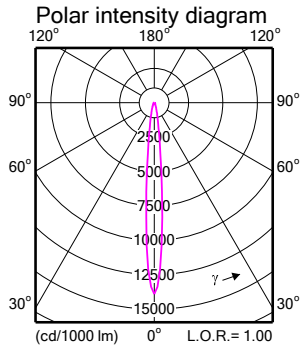
Plane Cone	0.0	45.0	90.0
45.0	26073	20014	19671
50.0	17870	13246	12994
55.0	12309	8779	8594
60.0	9006	6149	6005
65.0	6611	4291	4181
70.0	4534	2770	2691
75.0	2998	1699	1646
80.0	2092	1076	1038
85.0	1491	670	644
90.0	1391	510	487

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 22K 220V L50 1xLED 10

1 x 8200 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

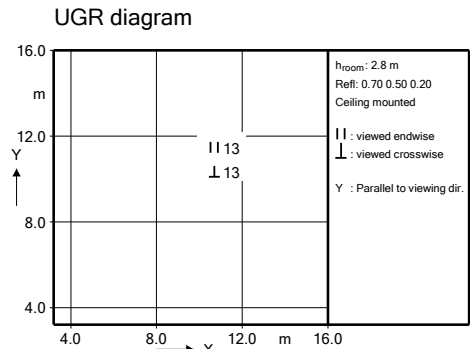
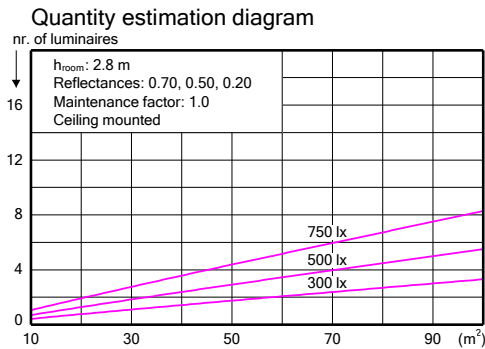
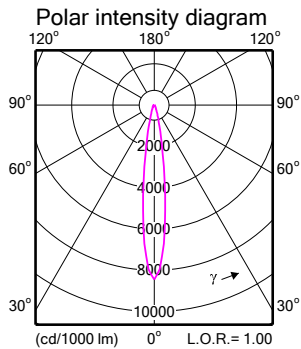
Plane Cone	0.0	45.0	90.0
45.0	8734	6594	6358
50.0	6534	4748	4559
55.0	4707	3277	3133
60.0	3316	2199	2092
65.0	2255	1412	1337
70.0	1384	809	761
75.0	1036	555	518
80.0	1106	528	489
85.0	1160	469	430
90.0	1509	467	423

(cd/m2)

2021-08-30

BVP359 S 60LED 22K 220V L50 1xLED 15

1 x 8610 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

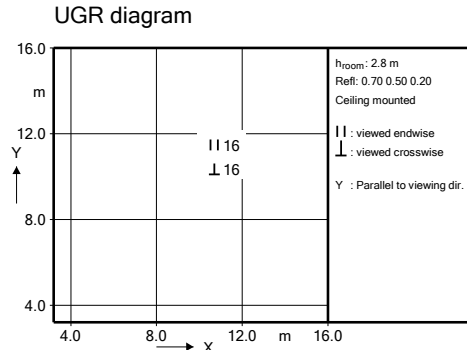
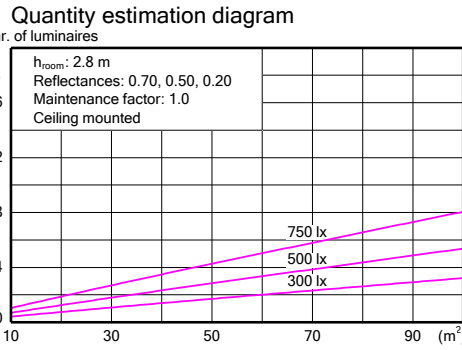
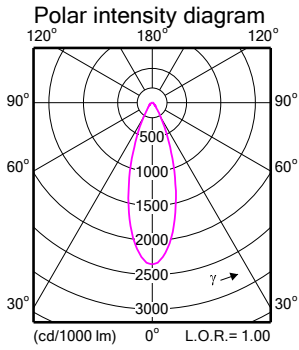
Plane Cone	0.0	45.0	90.0
45.0	8754	6610	6373
50.0	6712	4877	4683
55.0	5007	3486	3333
60.0	3510	2328	2215
65.0	2369	1484	1404
70.0	1439	841	791
75.0	1002	537	501
80.0	941	449	416
85.0	921	372	341
90.0	1093	338	306

(cd/m2)

2021-08-30

BVP359 S 60LED 22K 220V L50 1xLED 30

1 x 8920 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

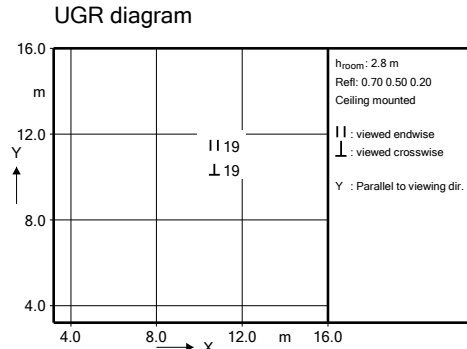
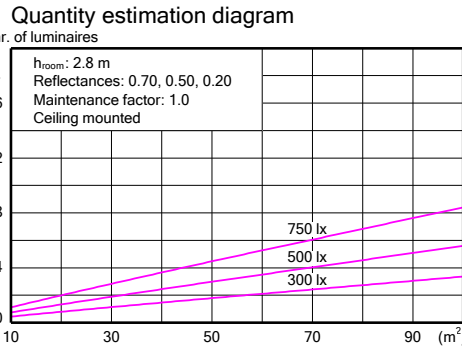
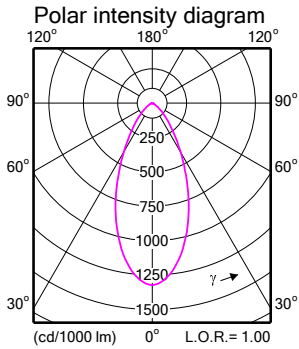
Plane Cone	0.0	45.0	90.0
45.0	10191	7695	7419
50.0	8153	5925	5689
55.0	6320	4401	4207
60.0	4729	3136	2984
65.0	3510	2199	2081
70.0	2458	1437	1352
75.0	1818	974	910
80.0	1446	690	639
85.0	1254	507	465
90.0	1432	443	401

(cd/m<sup>2</sup>)

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BVP359 S 60LED 22K 220V L50 1xLED 45

1 x 8610 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18945	14305	13792
50.0	12887	9365	8992
55.0	8490	5911	5651
60.0	5359	3554	3381
65.0	3168	1985	1878
70.0	1476	863	811
75.0	848	454	424
80.0	880	420	389
85.0	997	403	370
90.0	1310	405	367

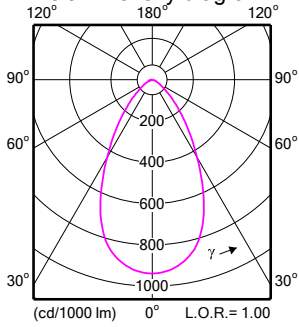
(cd/m<sup>2</sup>)

2021-08-30

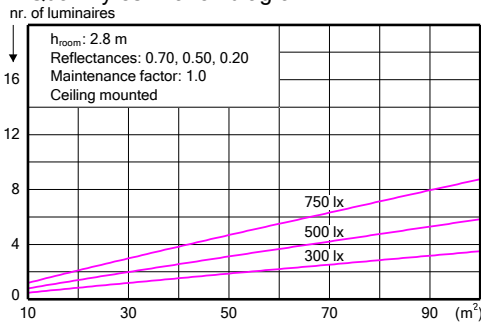
BVP359 S 60LED 22K 220V L50 1xLED 60

1 x 8405 lm

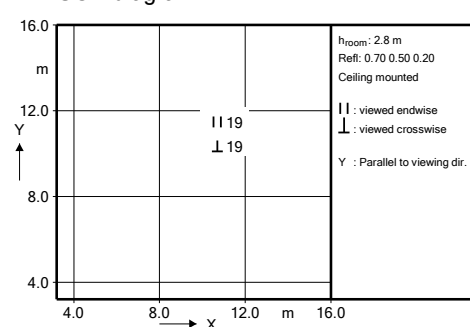
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	21956	16578	15984
50.0	15132	10996	10558
55.0	10491	7305	6983
60.0	7734	5129	4880
65.0	5731	3590	3397
70.0	3977	2325	2187
75.0	2672	1432	1337
80.0	1908	910	843
85.0	1411	570	523
90.0	1413	437	396

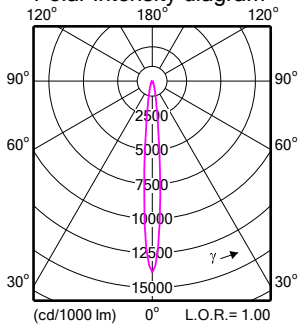
(cd/m<sup>2</sup>)

2021-08-30

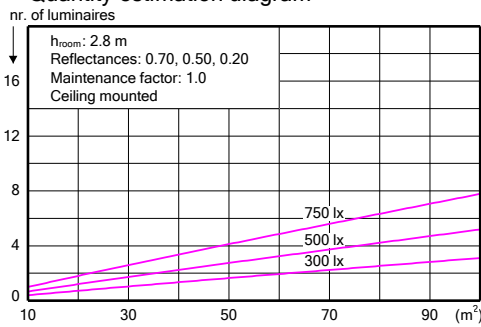
BVP359 S 60LED 27K 220V L50 1xLED 10

1 x 9150 lm

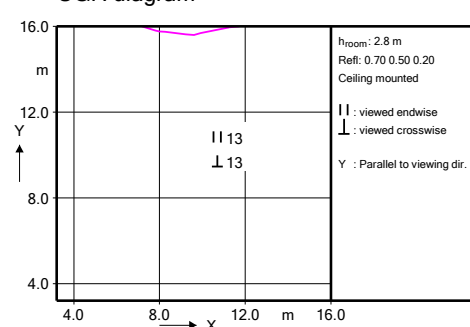
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9745	7358	7095
50.0	7291	5299	5088
55.0	5252	3657	3496
60.0	3700	2454	2334
65.0	2516	1576	1491
70.0	1545	903	849
75.0	1156	619	578
80.0	1234	589	546
85.0	1294	523	480
90.0	1684	521	471

(cd/m<sup>2</sup>)

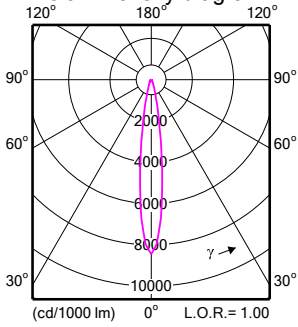
2021-08-30



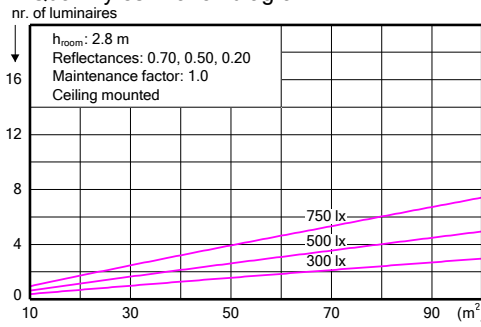
BVP359 S 60LED 27K 220V L50 1xLED 15

1 x 9605 lm

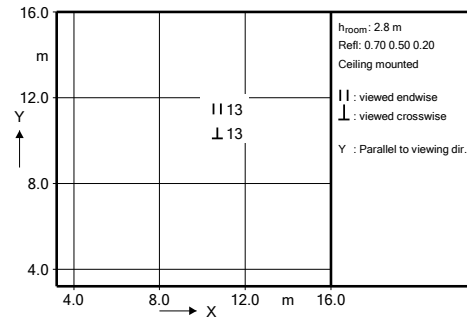
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9766	7374	7109
50.0	7487	5441	5224
55.0	5585	3889	3718
60.0	3916	2597	2471
65.0	2642	1655	1566
70.0	1605	938	883
75.0	1117	599	559
80.0	1050	501	464
85.0	1027	415	381
90.0	1219	377	341

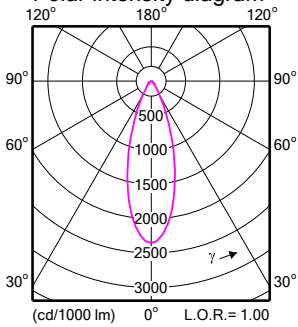
(cd/m2)

2021-08-30

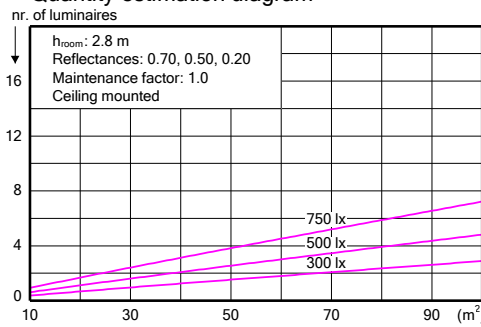
BVP359 S 60LED 27K 220V L50 1xLED 30

1 x 9950 lm

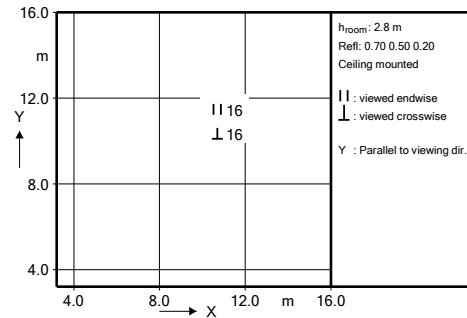
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

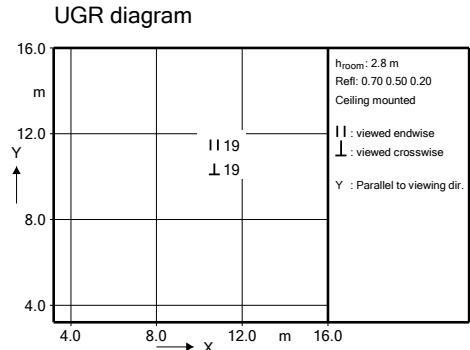
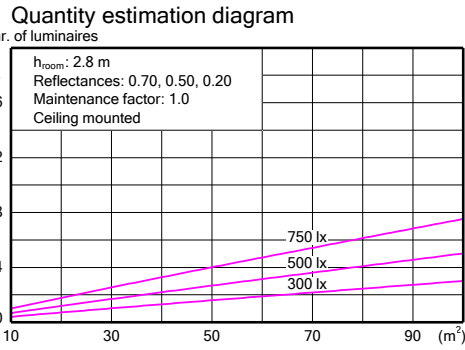
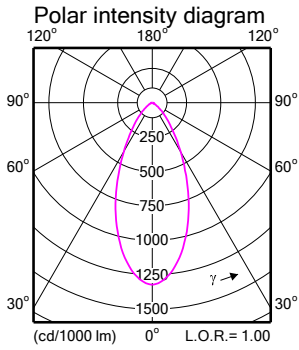
Plane Cone	0.0	45.0	90.0
45.0	11368	8584	8276
50.0	9095	6609	6346
55.0	7050	4909	4693
60.0	5275	3499	3328
65.0	3915	2453	2321
70.0	2742	1603	1508
75.0	2028	1086	1015
80.0	1613	770	713
85.0	1399	566	519
90.0	1597	494	447

(cd/m2)

2021-08-30

BVP359 S 60LED 27K 220V L50 1xLED 45

1 x 9605 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

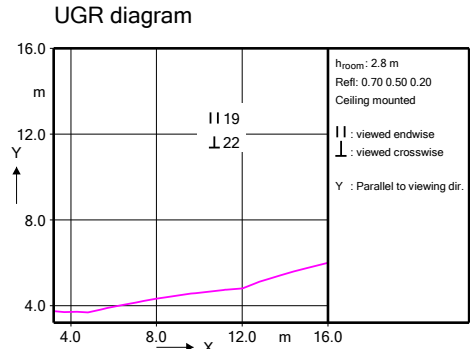
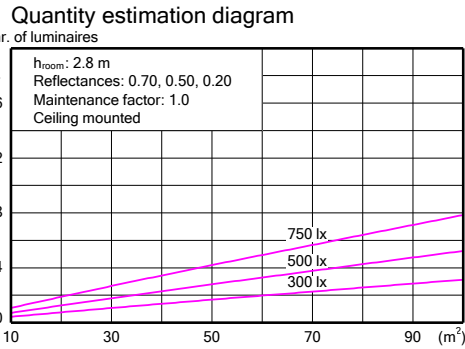
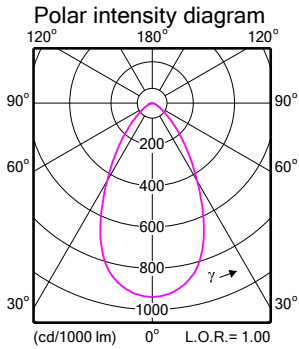
Plane Cone	0.0	45.0	90.0
45.0	21134	15958	15386
50.0	14376	10447	10031
55.0	9471	6595	6304
60.0	5979	3965	3772
65.0	3535	2214	2095
70.0	1646	962	905
75.0	946	507	473
80.0	982	468	434
85.0	1113	450	412
90.0	1461	452	409

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 27K 220V L50 1xLED 60

1 x 9375 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

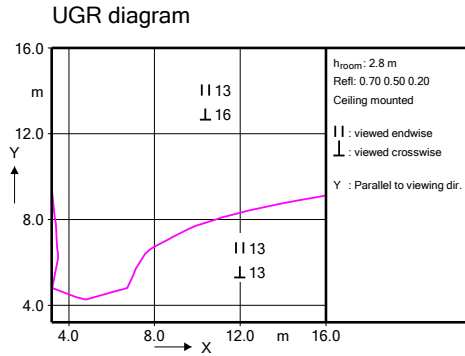
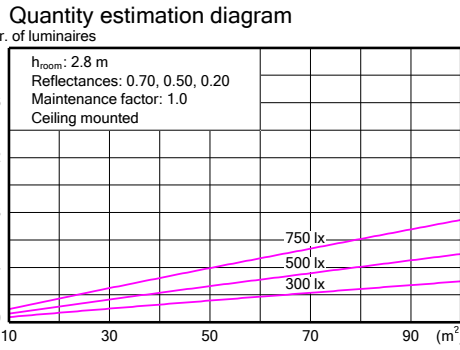
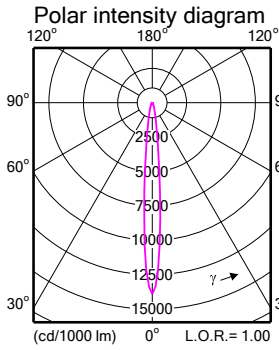
Plane Cone	0.0	45.0	90.0
45.0	24490	18491	17829
50.0	16878	12265	11777
55.0	11701	8148	7789
60.0	8627	5721	5443
65.0	6392	4004	3789
70.0	4436	2593	2439
75.0	2981	1597	1492
80.0	2128	1015	941
85.0	1574	636	584
90.0	1576	487	441

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 30K 220V L50 1xLED 10

1 x 9540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

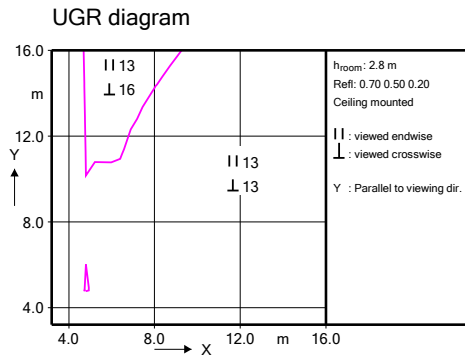
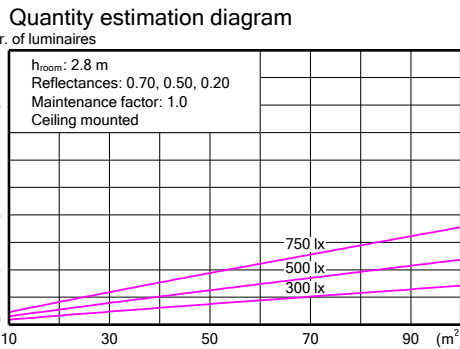
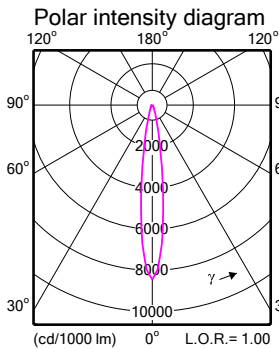
Plane Cone	0.0	45.0	90.0
45.0	10161	7672	7397
50.0	7602	5524	5304
55.0	5476	3813	3645
60.0	3858	2558	2434
65.0	2623	1643	1555
70.0	1611	941	886
75.0	1205	646	603
80.0	1287	614	569
85.0	1350	545	500
90.0	1756	543	492

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 30K 220V L50 1xLED 15

1 x 10020 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

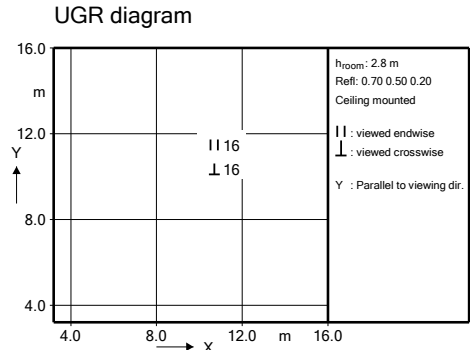
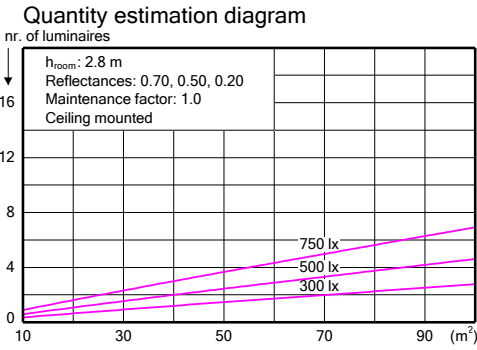
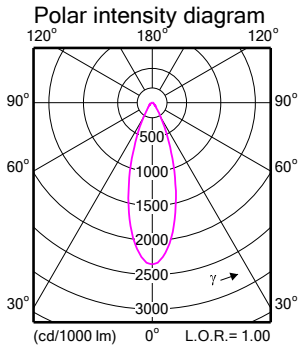
Plane Cone	0.0	45.0	90.0
45.0	10187	7692	7416
50.0	7811	5676	5450
55.0	5826	4057	3878
60.0	4085	2709	2577
65.0	2756	1727	1634
70.0	1675	979	921
75.0	1166	625	583
80.0	1095	523	484
85.0	1071	433	397
90.0	1271	393	356

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 30K 220V L50 1xLED 30

1 x 10380 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

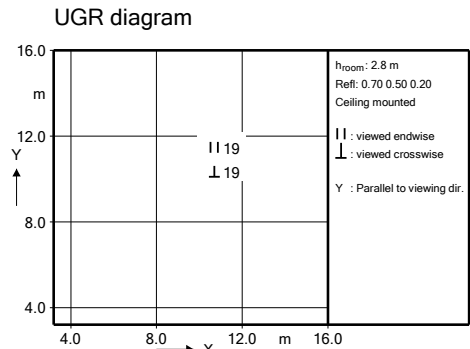
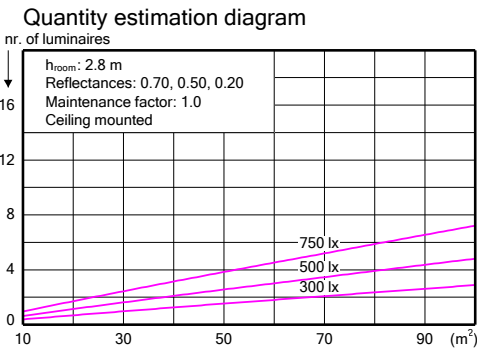
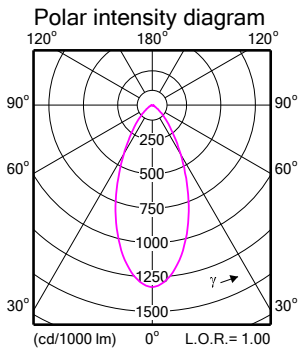
Plane Cone	0.0	45.0	90.0
45.0	11859	8955	8634
50.0	9488	6895	6620
55.0	7355	5121	4895
60.0	5503	3650	3472
65.0	4085	2559	2421
70.0	2861	1672	1573
75.0	2115	1133	1059
80.0	1683	803	744
85.0	1460	590	541
90.0	1666	515	466

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 30K 220V L50 1xLED 45

1 x 10020 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

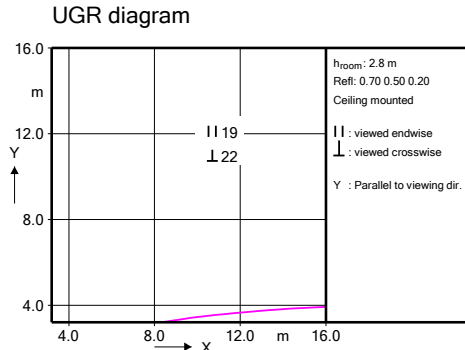
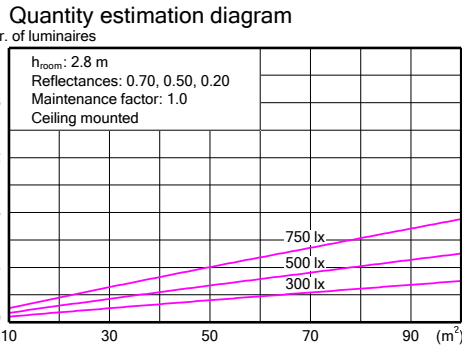
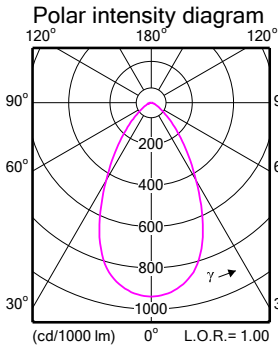
Plane Cone	0.0	45.0	90.0
45.0	22047	16647	16050
50.0	14997	10898	10464
55.0	9880	6879	6576
60.0	6237	4136	3935
65.0	3687	2310	2186
70.0	1717	1004	944
75.0	986	528	494
80.0	1024	489	453
85.0	1161	469	430
90.0	1524	471	427

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 30K 220V L50 1xLED 60

1 x 9780 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

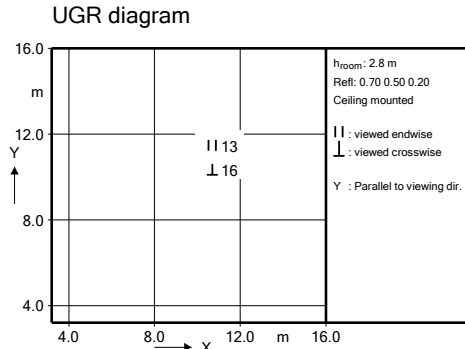
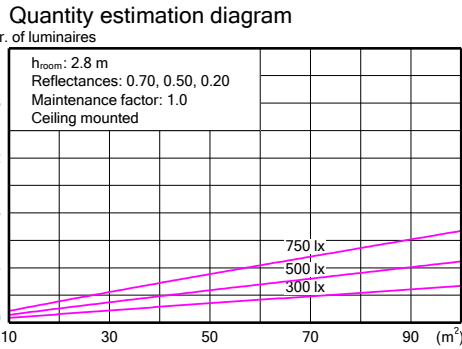
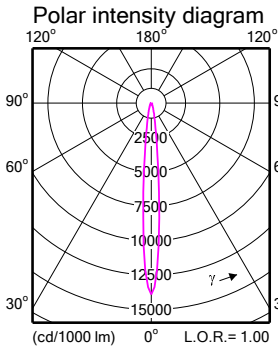
Plane Cone	0.0	45.0	90.0
45.0	25548	19290	18599
50.0	17608	12795	12286
55.0	12207	8500	8125
60.0	8999	5969	5678
65.0	6668	4177	3953
70.0	4628	2705	2545
75.0	3110	1666	1556
80.0	2220	1059	981
85.0	1642	664	609
90.0	1644	508	460

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 40K 220V L50 1xLED 10

1 x 10645 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11338	8561	8254
50.0	8483	6164	5919
55.0	6110	4254	4067
60.0	4304	2855	2716
65.0	2927	1833	1735
70.0	1797	1051	988
75.0	1344	720	673
80.0	1436	685	635
85.0	1506	609	558
90.0	1959	606	549

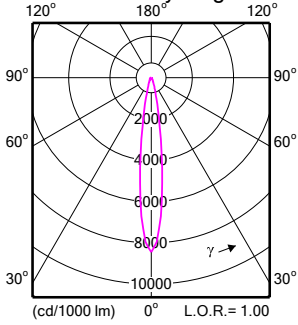
(cd/m<sup>2</sup>)

2021-08-30

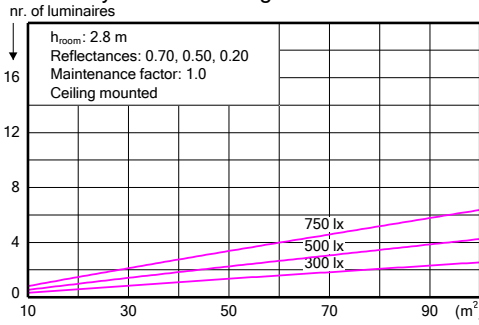
BVP359 S 60LED 40K 220V L50 1xLED 15

1 x 11180 lm

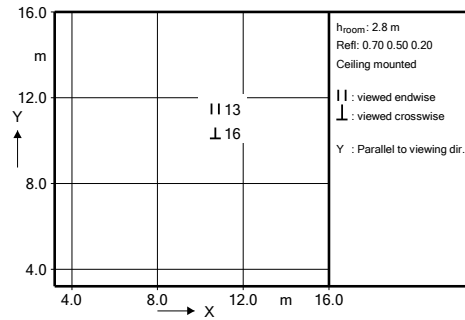
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11367	8583	8275
50.0	8715	6333	6081
55.0	6501	4527	4327
60.0	4558	3023	2876
65.0	3076	1926	1823
70.0	1868	1092	1027
75.0	1301	697	651
80.0	1222	583	540
85.0	1195	483	443
90.0	1419	439	397

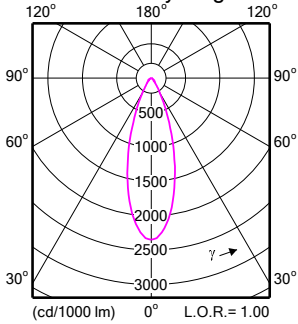
(cd/m<sup>2</sup>)

2021-08-30

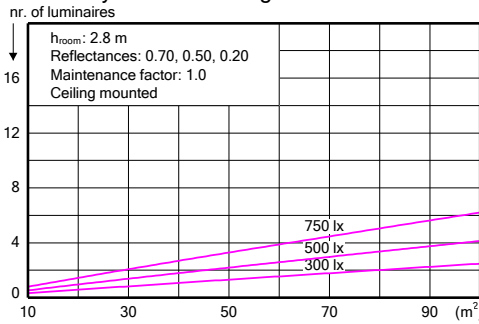
BVP359 S 60LED 40K 220V L50 1xLED 30

1 x 11580 lm

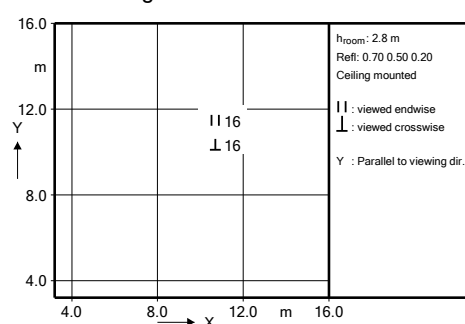
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13230	9990	9632
50.0	10585	7692	7385
55.0	8205	5713	5461
60.0	6139	4072	3874
65.0	4557	2854	2701
70.0	3191	1865	1755
75.0	2360	1264	1181
80.0	1877	896	830
85.0	1628	658	604
90.0	1859	575	520

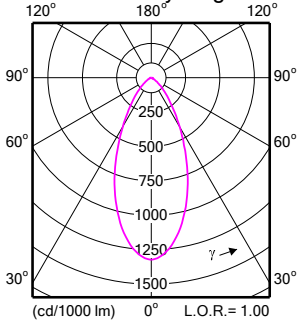
(cd/m<sup>2</sup>)

2021-08-30

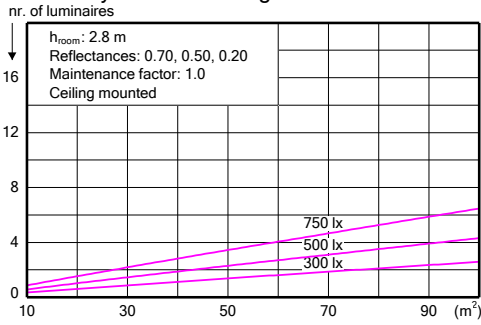
BVP359 S 60LED 40K 220V L50 1xLED 45

1 x 11180 lm

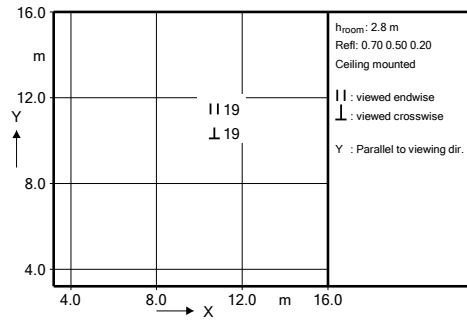
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24600	18574	17908
50.0	16734	12160	11676
55.0	11024	7676	7338
60.0	6959	4615	4391
65.0	4114	2577	2439
70.0	1916	1120	1054
75.0	1101	590	551
80.0	1143	545	505
85.0	1295	523	480
90.0	1700	526	476

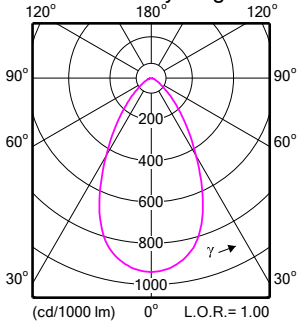
(cd/m<sup>2</sup>)

2021-08-30

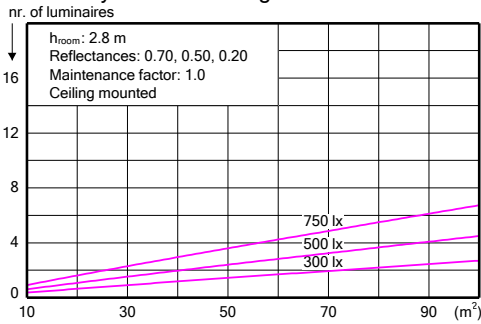
BVP359 S 60LED 40K 220V L50 1xLED 60

1 x 10915 lm

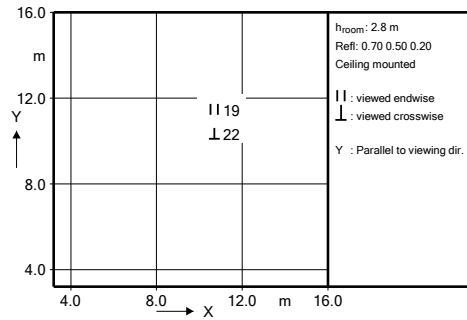
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

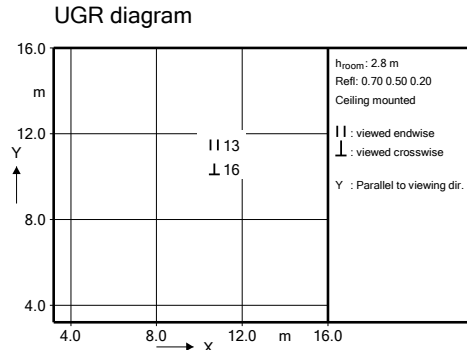
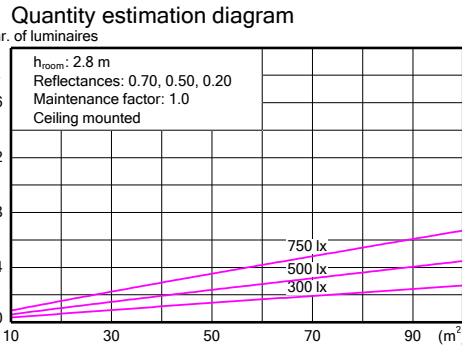
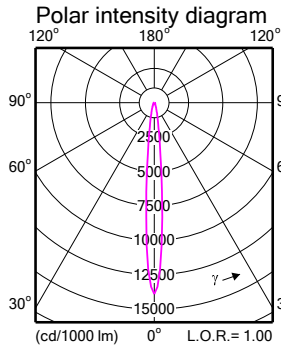
Plane Cone	0.0	45.0	90.0
45.0	28513	21529	20757
50.0	19651	14280	13711
55.0	13623	9486	9068
60.0	10044	6661	6337
65.0	7442	4662	4412
70.0	5165	3019	2840
75.0	3470	1859	1737
80.0	2478	1182	1095
85.0	1833	741	679
90.0	1834	568	514

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED 50K 220V L50 1xLED 10

1 x 10645 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

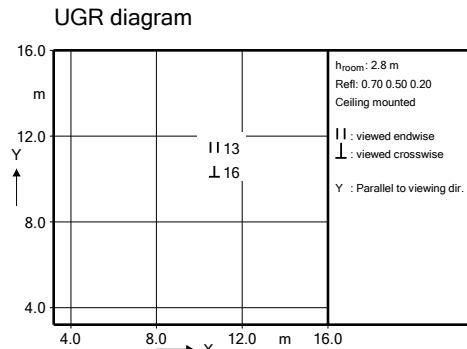
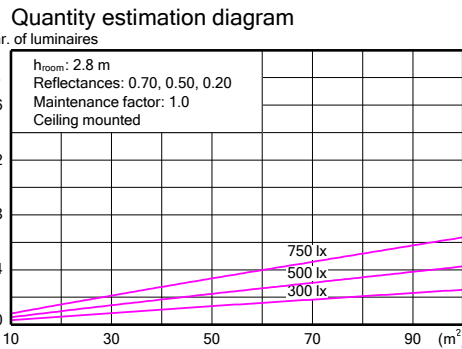
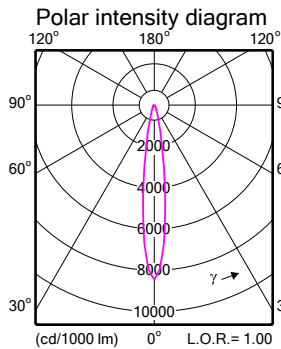
Plane Cone	0.0	45.0	90.0
45.0	11338	8561	8254
50.0	8483	6164	5919
55.0	6110	4254	4067
60.0	4304	2855	2716
65.0	2927	1833	1735
70.0	1797	1051	988
75.0	1344	720	673
80.0	1036	513	483
85.0	783	369	358
90.0	583	273	269

(cd/m2)

2021-08-30

BVP359 S 60LED 50K 220V L50 1xLED 15

1 x 11180 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11367	8583	8275
50.0	8715	6333	6081
55.0	6501	4527	4327
60.0	4558	3023	2876
65.0	3076	1926	1823
70.0	1868	1092	1027
75.0	1301	697	651
80.0	1222	583	540
85.0	1195	483	443
90.0	1419	439	397

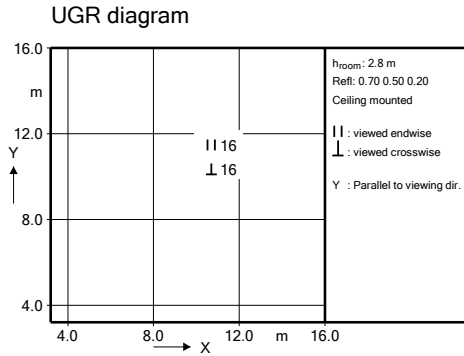
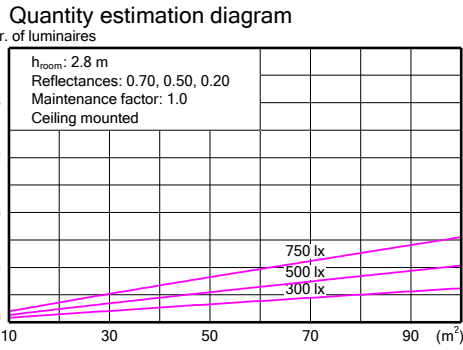
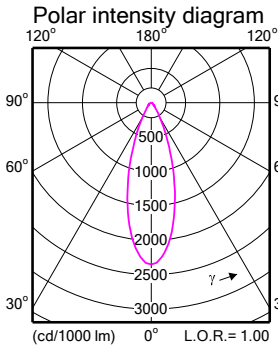
(cd/m2)

2021-08-30



**BVP359 S 60LED 50K 220V L50 1xLED 30**

1 x 11580 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

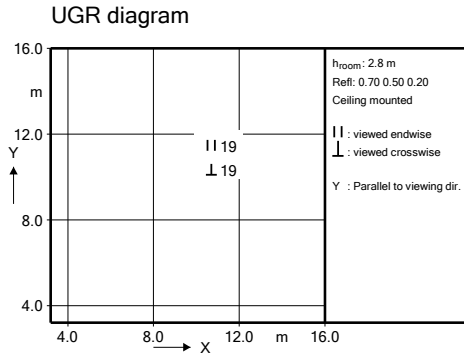
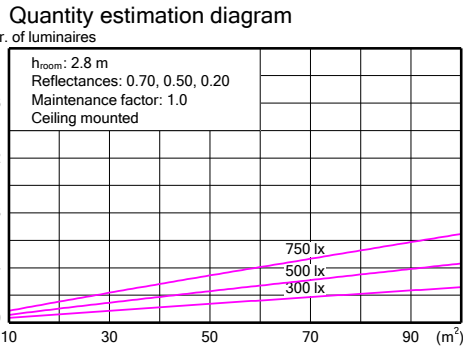
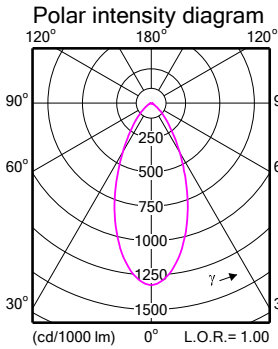
Plane Cone	0.0	45.0	90.0
45.0	13230	9990	9632
50.0	10585	7692	7385
55.0	8205	5713	5461
60.0	6139	4072	3874
65.0	4557	2854	2701
70.0	3191	1865	1755
75.0	2360	1264	1181
80.0	1877	896	830
85.0	1628	658	604
90.0	1859	575	520

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 60LED 50K 220V L50 1xLED 45**

1 x 11180 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	24600	18574	17908
50.0	16734	12160	11676
55.0	11024	7676	7338
60.0	6959	4615	4391
65.0	4114	2577	2439
70.0	1916	1120	1054
75.0	1101	590	551
80.0	1143	545	505
85.0	1295	523	480
90.0	1700	526	476

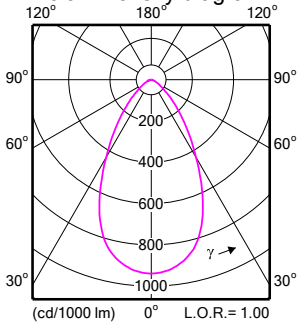
(cd/m<sup>2</sup>)

2021-08-30

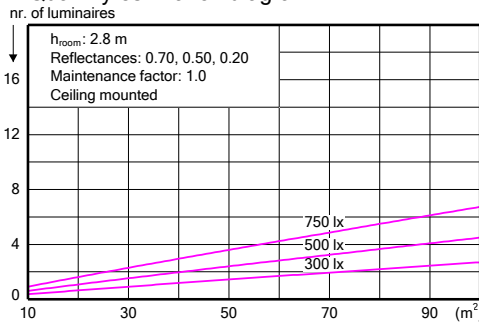
BVP359 S 60LED 50K 220V L50 1xLED 60

1 x 10915 lm

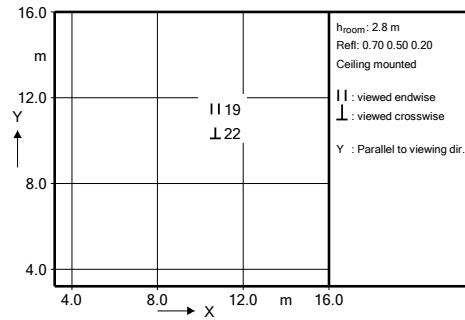
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28513	21529	20757
50.0	19651	14280	13711
55.0	13623	9486	9068
60.0	10044	6661	6337
65.0	7442	4662	4412
70.0	5165	3019	2840
75.0	3470	1859	1737
80.0	2478	1182	1095
85.0	1833	741	679
90.0	1834	568	514

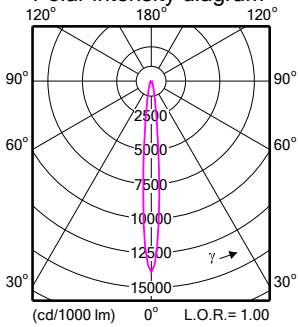
(cd/m<sup>2</sup>)

2021-08-30

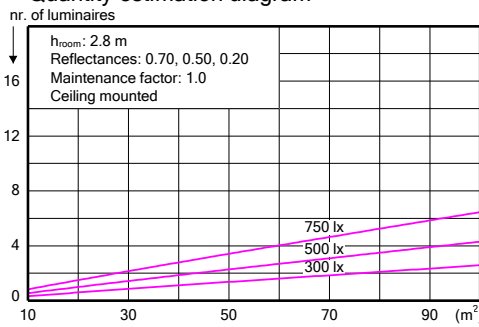
BVP359 S 60LED 57K 220V L50 1xLED 10

1 x 11040 lm

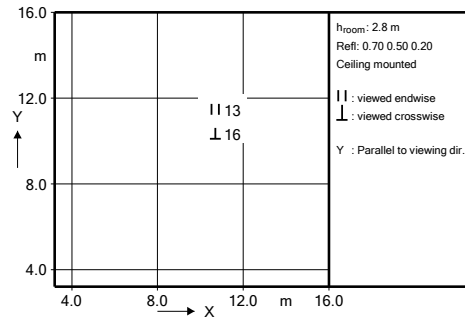
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11758	8878	8560
50.0	8798	6393	6138
55.0	6337	4412	4218
60.0	4464	2961	2817
65.0	3036	1902	1799
70.0	1864	1090	1025
75.0	1394	747	698
80.0	1489	710	658
85.0	1562	631	579
90.0	2032	629	569

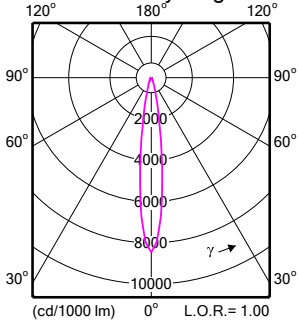
(cd/m<sup>2</sup>)

2021-08-30

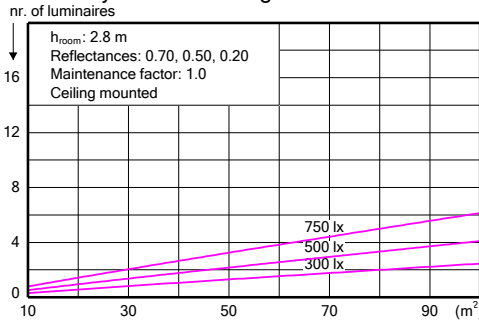
BVP359 S 60LED 57K 220V L50 1xLED 15

1 x 11595 lm

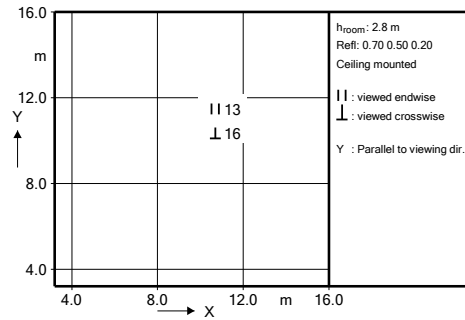
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11789	8901	8582
50.0	9038	6568	6306
55.0	6742	4695	4488
60.0	4727	3135	2982
65.0	3190	1998	1891
70.0	1938	1133	1066
75.0	1349	723	675
80.0	1268	605	560
85.0	1240	501	460
90.0	1471	455	412

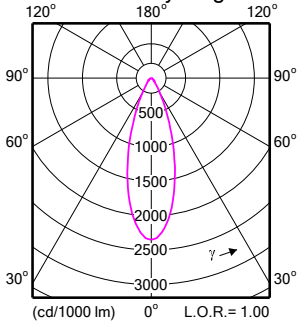
Ceiling mounted

2021-08-30

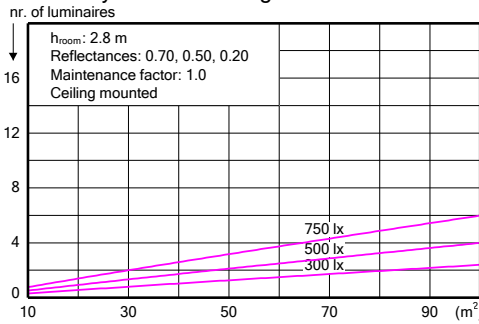
BVP359 S 60LED 57K 220V L50 1xLED 30

1 x 12005 lm

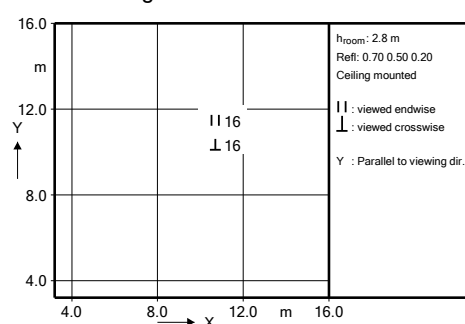
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Luminance Table

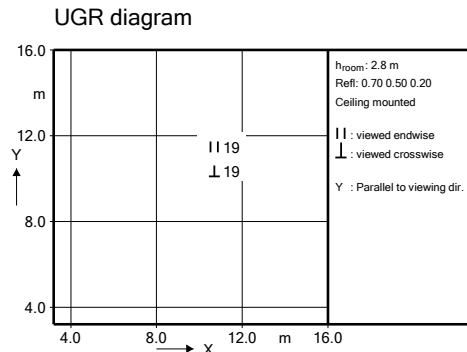
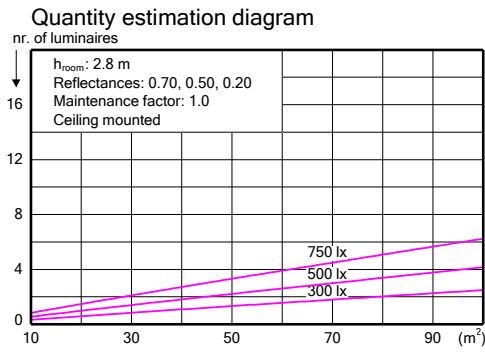
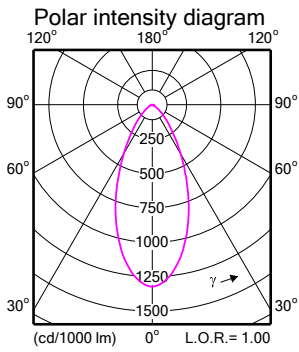
Plane Cone	0.0	45.0	90.0
45.0	13716	10356	9985
50.0	10973	7974	7656
55.0	8506	5923	5662
60.0	6365	4221	4016
65.0	4724	2959	2800
70.0	3309	1934	1819
75.0	2447	1311	1224
80.0	1946	928	860
85.0	1688	682	626
90.0	1927	596	540

Ceiling mounted

2021-08-30

BVP359 S 60LED 57K 220V L50 1xLED 45

1 x 11595 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

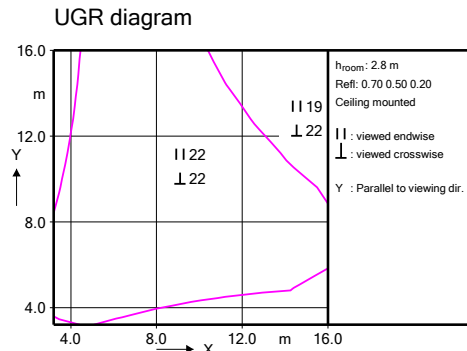
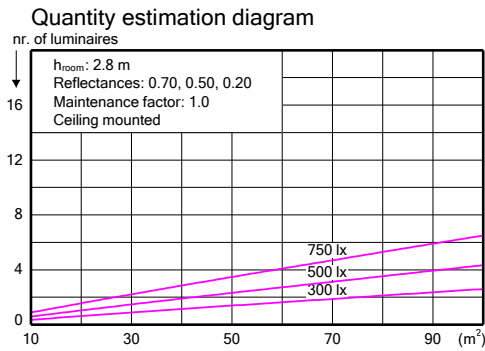
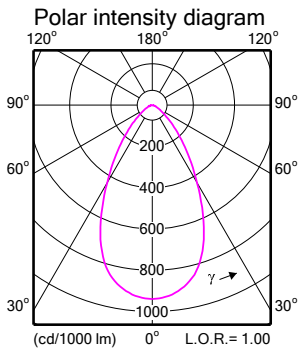
Plane Cone	0.0	45.0	90.0
45.0	25513	19264	18573
50.0	17355	12611	12109
55.0	11433	7961	7610
60.0	7217	4786	4554
65.0	4267	2673	2529
70.0	1987	1162	1093
75.0	1141	611	571
80.0	1185	565	524
85.0	1343	543	498
90.0	1764	546	494

(cd/m2)

2021-08-30

BVP359 S 60LED 57K 220V L50 1xLED 60

1 x 11315 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

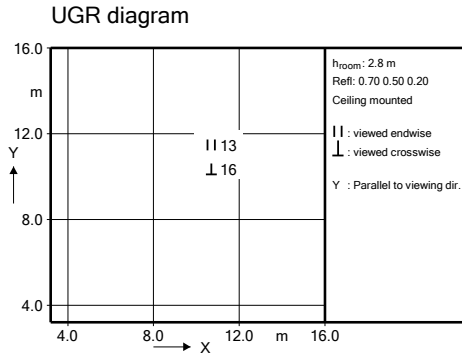
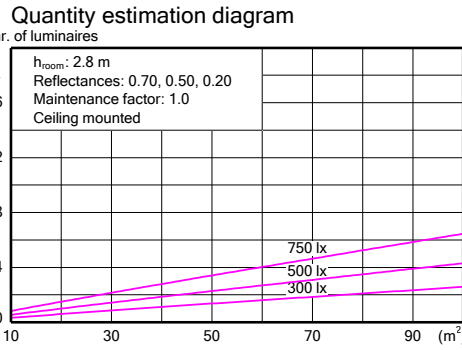
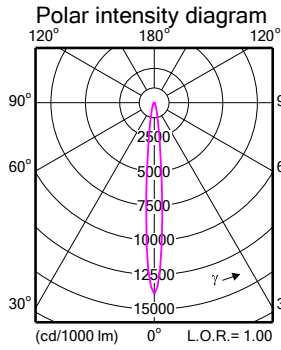
Plane Cone	0.0	45.0	90.0
45.0	29557	22318	21518
50.0	20371	14804	14214
55.0	14123	9834	9400
60.0	10412	6905	6569
65.0	7715	4833	4573
70.0	5354	3130	2944
75.0	3598	1927	1800
80.0	2569	1226	1135
85.0	1900	768	704
90.0	1902	588	532

(cd/m2)

2021-08-30

BVP359 S 60LED 65K 220V L50 1xLED 10

1 x 11040 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11758	8878	8560
50.0	8798	6393	6138
55.0	6337	4412	4218
60.0	4464	2961	2817
65.0	3036	1902	1799
70.0	1864	1090	1025
75.0	1394	747	698
80.0	1049	510	482
85.0	782	353	334
90.0	583	259	245

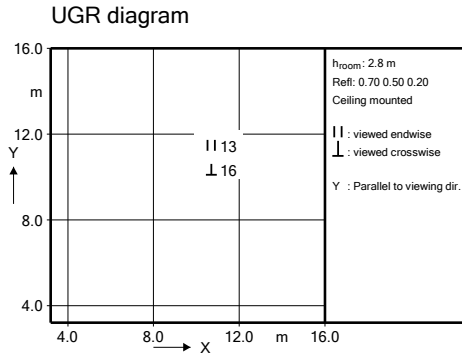
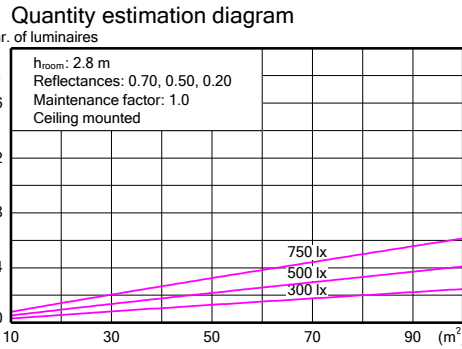
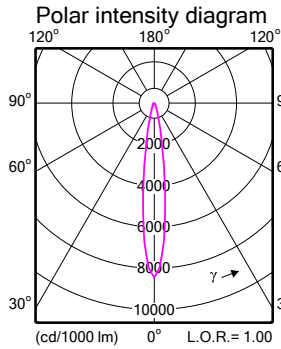
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

BVP359 S 60LED 65K 220V L50 1xLED 15

1 x 11595 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11789	8901	8582
50.0	9038	6568	6306
55.0	6742	4695	4488
60.0	4727	3135	2982
65.0	3190	1998	1891
70.0	1938	1133	1066
75.0	1349	723	675
80.0	1049	510	482
85.0	782	353	334
90.0	583	259	245

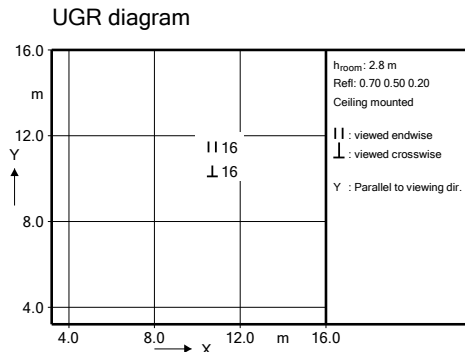
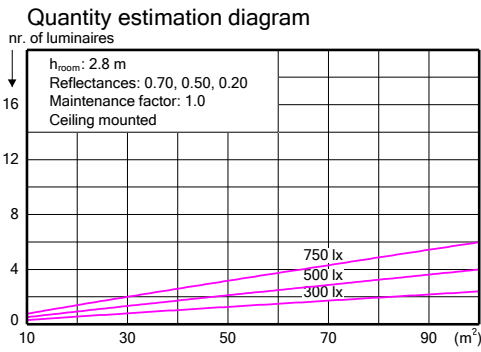
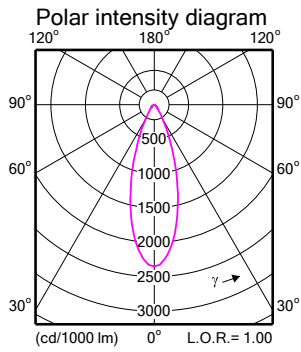
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

**BVP359 S 60LED 65K 220V L50 1xLED 30**

1 x 12005 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
0.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.25	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
2.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
2.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
3.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
4.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
5.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13716	10356	9985
50.0	10973	7974	7656
55.0	8506	5923	5662
60.0	6365	4221	4016
65.0	4724	2959	2800
70.0	3309	1934	1819
75.0	2447	1311	1224
80.0	1946	928	860
85.0	1688	682	626
90.0	1927	596	540

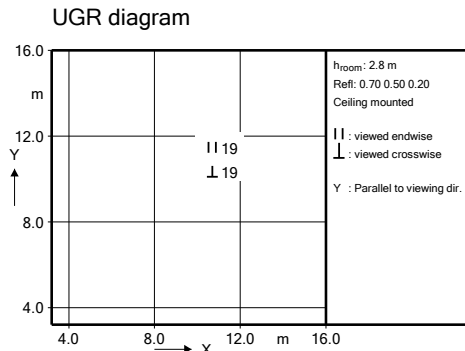
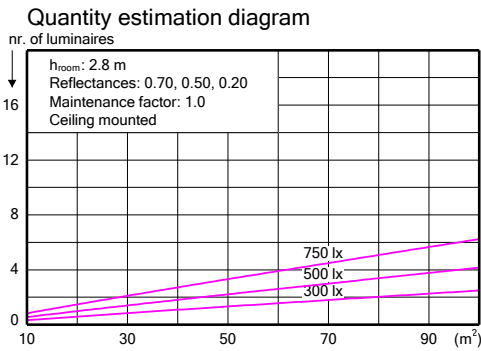
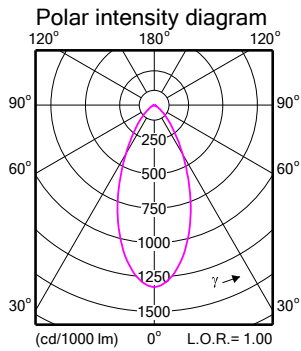
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

**BVP359 S 60LED 65K 220V L50 1xLED 45**

1 x 11595 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
0.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.60	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.25	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
1.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
2.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
2.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
3.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
4.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00
5.00	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25513	19264	18573
50.0	17355	12611	12109
55.0	11433	7961	7610
60.0	7217	4786	4554
65.0	4267	2673	2529
70.0	1987	1162	1093
75.0	1141	611	571
80.0	1185	565	524
85.0	1343	543	498
90.0	1764	546	494

(cd/m<sup>2</sup>)

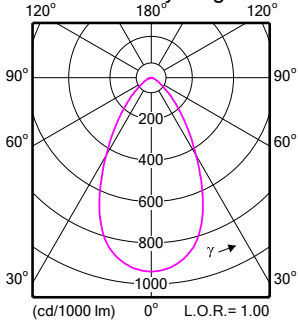
Ceiling mounted

2021-08-30

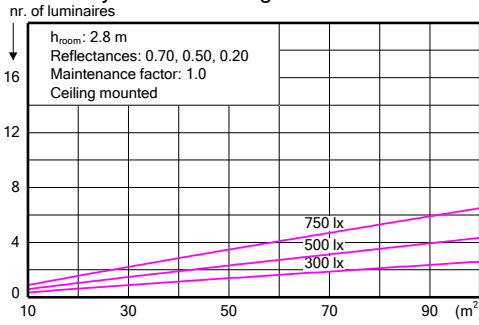
BVP359 S 60LED 65K 220V L50 1xLED 60

1 x 11315 lm

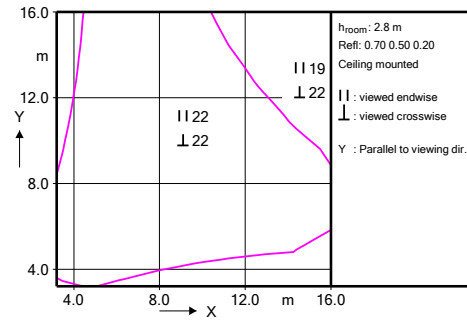
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	29557	22318	21518
50.0	20371	14804	14214
55.0	14123	9834	9400
60.0	10412	6905	6569
65.0	7715	4833	4573
70.0	5354	3130	2944
75.0	3598	1927	1800
80.0	2569	1226	1135
85.0	1900	768	704
90.0	1902	588	532

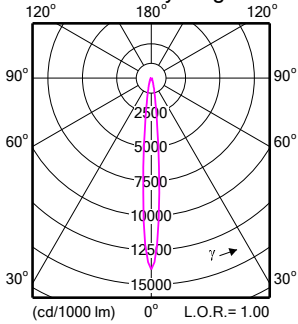
Ceiling mounted

2021-08-30

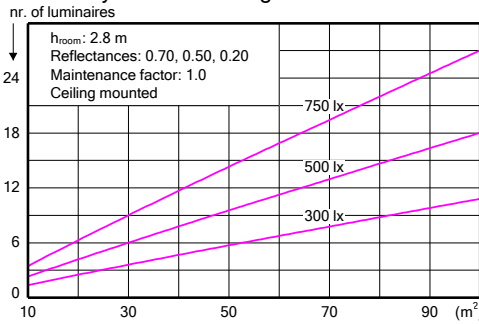
BVP359 S 60LED BL 220V L50 1xLED 10

1 x 2635 lm

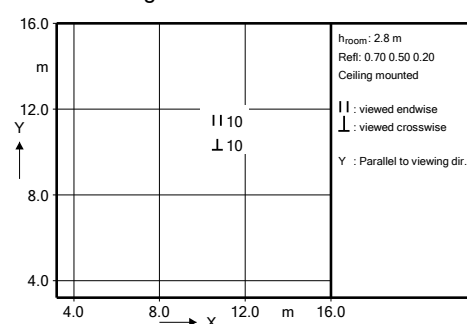
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

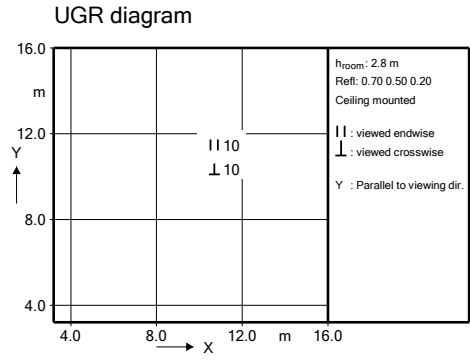
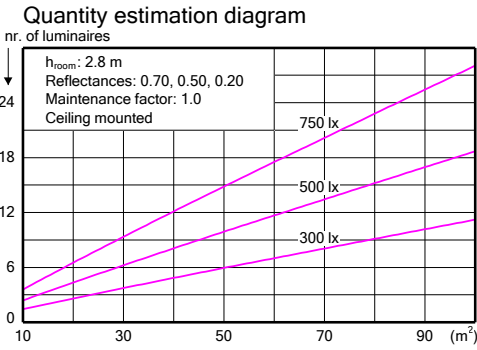
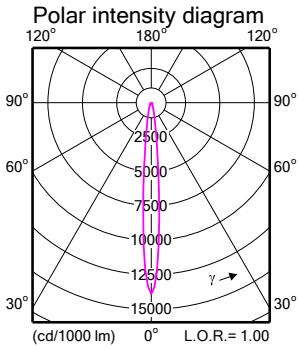
Plane Cone	0.0	45.0	90.0
45.0	2806	2119	2043
50.0	2100	1526	1465
55.0	1512	1053	1007
60.0	1065	707	672
65.0	725	454	429
70.0	445	260	245
75.0	333	178	167
80.0	355	170	157
85.0	373	151	138
90.0	485	150	136

Ceiling mounted

2021-08-30

BVP359 S 60LED BL 220V L50 DMX 1xLED 10

1 x 2540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.80 0.80				0.70 0.70 0.70 0.70				0.50 0.50 0.30 0.30				0.00	
	0.50	0.50	0.30	0.10	0.50	0.50	0.30	0.10	0.50	0.50	0.30	0.10	0.10	0.10
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	

Ceiling mounted

Luminance Table

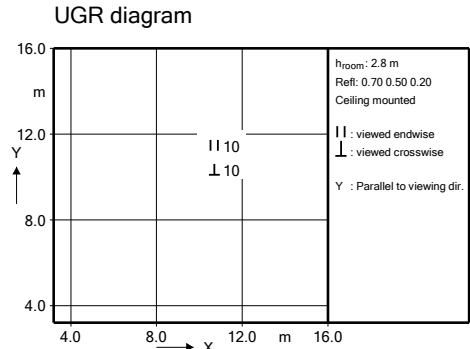
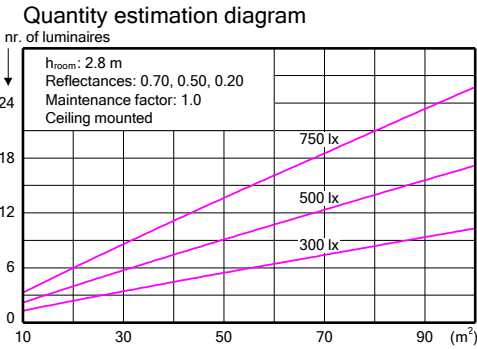
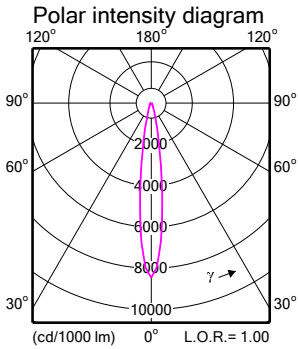
Plane Cone	0.0	45.0	90.0
45.0	2705	2043	1969
50.0	2024	1471	1412
55.0	1458	1015	970
60.0	1027	681	648
65.0	698	437	414
70.0	429	251	236
75.0	321	172	161
80.0	343	163	151
85.0	359	145	133
90.0	467	145	131

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED BL 220V L50 1xLED 15

1 x 2765 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)													
	0.80 0.80				0.70 0.70 0.70 0.70				0.50 0.50 0.30 0.30				0.00	
	0.50	0.50	0.30	0.10	0.50	0.50	0.30	0.10	0.50	0.50	0.30	0.10	0.10	0.10
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.67	
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.73	
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.78	
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.82	
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.85	
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.90	
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.93	
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.95	
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97	0.97	
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	0.99	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2811	2123	2047
50.0	2155	1566	1504
55.0	1608	1120	1070
60.0	1127	748	711
65.0	761	476	451
70.0	462	270	254
75.0	322	172	161
80.0	302	144	134
85.0	296	120	110
90.0	351	109	98

(cd/m<sup>2</sup>)

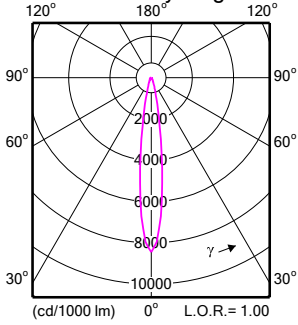
2021-08-30



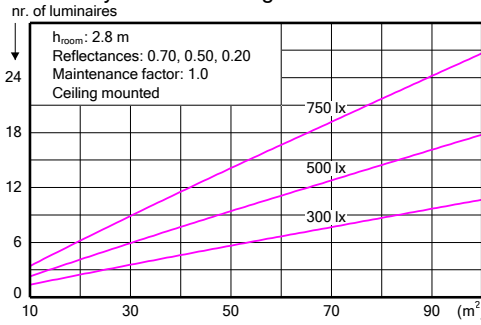
BVP359 S 60LED BL 220V L50 DMX 1xLED 15

1 x 2670 lm

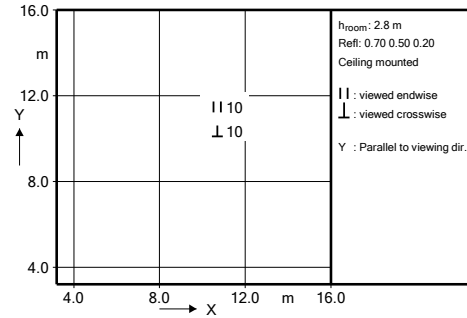
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2715	2050	1976
50.0	2081	1512	1452
55.0	1553	1081	1033
60.0	1088	722	687
65.0	734	460	435
70.0	446	261	245
75.0	311	166	155
80.0	292	139	129
85.0	286	115	106
90.0	339	105	95

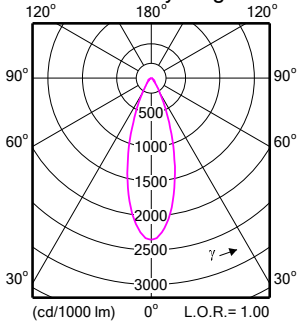
(cd/m2)

2021-08-30

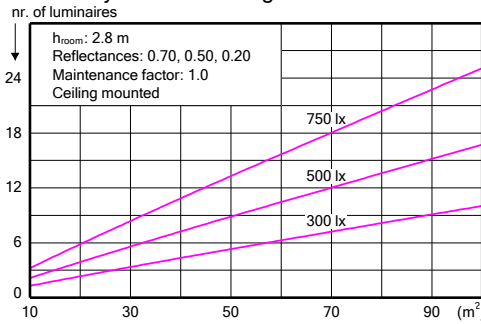
BVP359 S 60LED BL 220V L50 1xLED 30

1 x 2865 lm

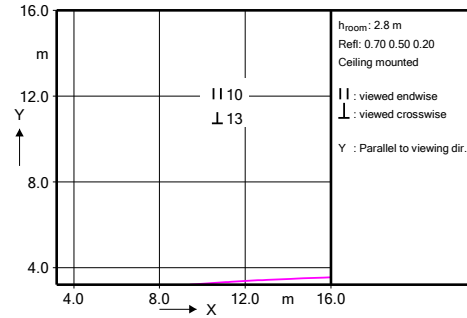
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

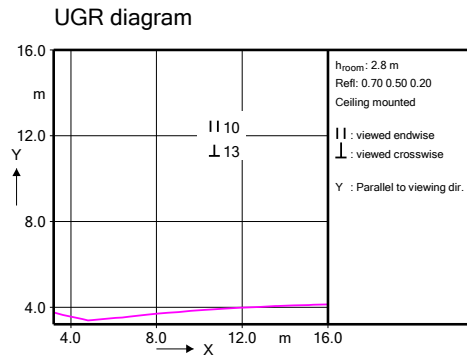
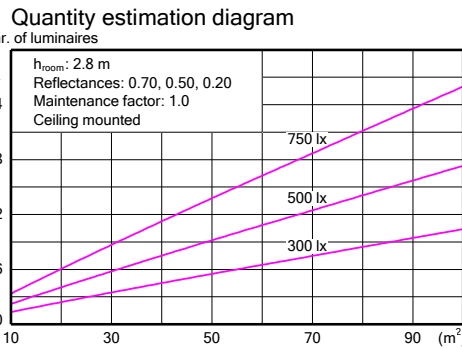
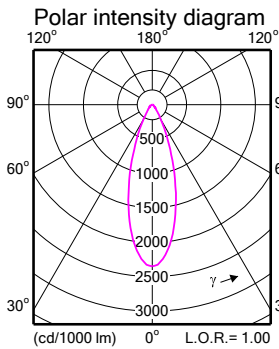
Plane Cone	0.0	45.0	90.0
45.0	3273	2472	2383
50.0	2619	1903	1827
55.0	2030	1414	1351
60.0	1519	1007	958
65.0	1127	706	668
70.0	790	462	434
75.0	584	313	292
80.0	464	222	205
85.0	403	163	149
90.0	460	142	129

(cd/m2)

2021-08-30

**BVP359 S 60LED BL 220V L50 DMX 1xLED 30**

1 x 2765 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

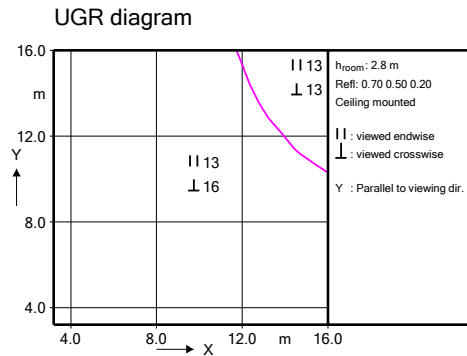
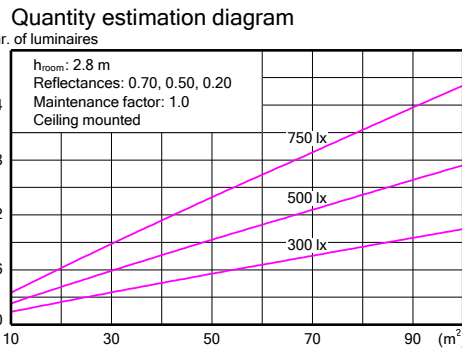
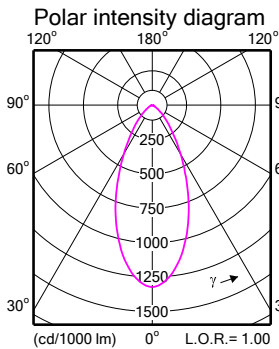
Plane Cone	0.0	45.0	90.0
45.0	3159	2385	2300
50.0	2527	1837	1763
55.0	1959	1364	1304
60.0	1466	972	925
65.0	1088	682	645
70.0	762	445	419
75.0	564	302	282
80.0	448	214	198
85.0	389	157	144
90.0	444	137	124

(cd/m2)

2021-08-30

**BVP359 S 60LED BL 220V L50 1xLED 45**

1 x 2765 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

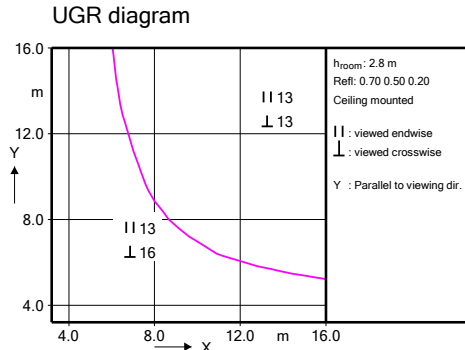
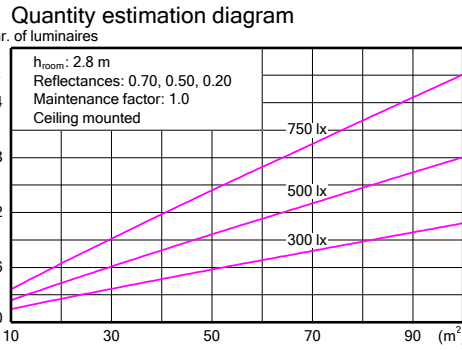
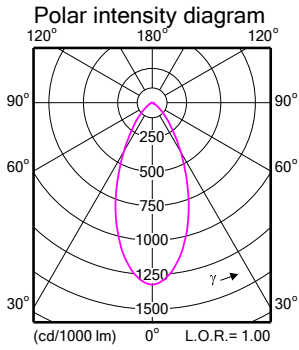
Plane Cone	0.0	45.0	90.0
45.0	6084	4594	4429
50.0	4138	3007	2888
55.0	2726	1898	1815
60.0	1721	1141	1086
65.0	1017	637	603
70.0	474	277	261
75.0	272	146	136
80.0	283	135	125
85.0	320	129	119
90.0	421	130	118

(cd/m2)

2021-08-30

BVP359 S 60LED BL 220V L50 DMX 1xLED 45

1 x 2670 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.70	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

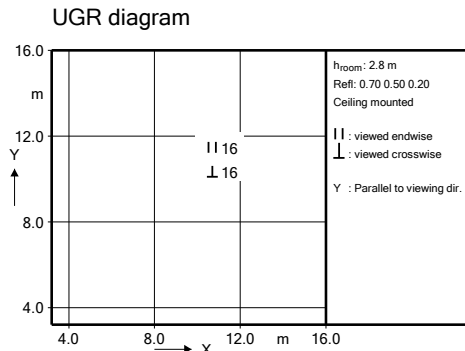
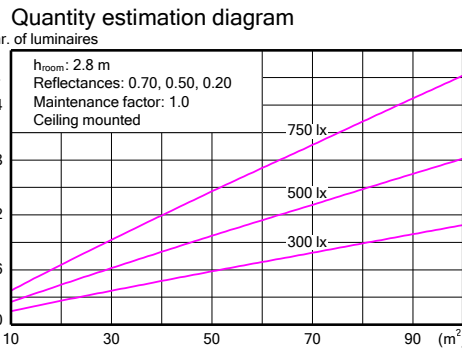
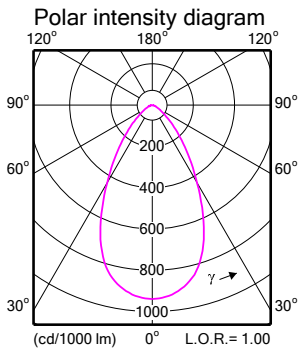
Plane Cone	0.0	45.0	90.0
45.0	5875	4436	4277
50.0	3996	2904	2788
55.0	2633	1833	1752
60.0	1662	1102	1049
65.0	983	615	582
70.0	458	267	252
75.0	263	141	132
80.0	273	130	121
85.0	309	125	115
90.0	406	126	114

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED BL 220V L50 1xLED 60

1 x 2700 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7053	5326	5135
50.0	4861	3532	3392
55.0	3370	2347	2243
60.0	2485	1648	1568
65.0	1841	1153	1091
70.0	1278	747	702
75.0	858	460	430
80.0	613	292	271
85.0	453	183	168
90.0	454	140	127

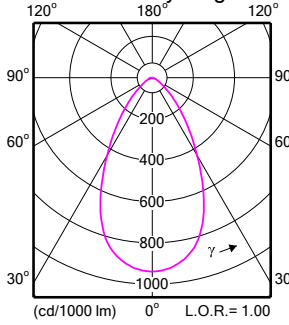
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED BL 220V L50 DMX 1xLED 60

1 x 2605 lm

Polar intensity diagram

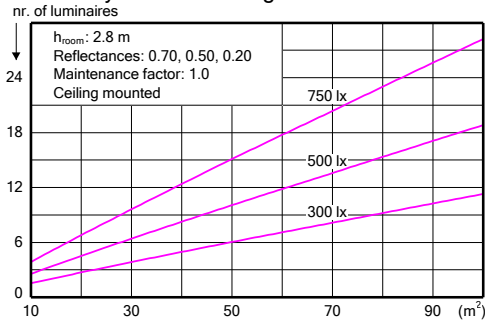


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

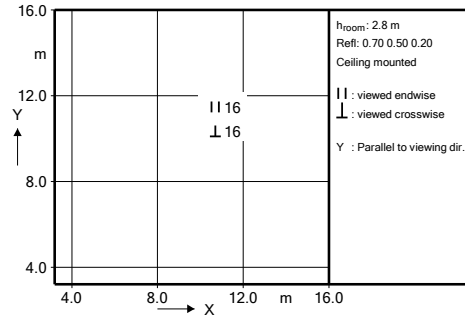


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64	0.69	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70	0.75	0.72	0.71
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75	0.80	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79	0.84	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85	0.90	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89	0.93	0.92	0.91
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91	0.96	0.94	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94	0.99	0.97	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95	1.00	0.99	0.95

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6805	5138	4954
50.0	4690	3408	3272
55.0	3251	2264	2164
60.0	2397	1590	1512
65.0	1776	1113	1053
70.0	1233	721	678
75.0	828	444	415
80.0	591	282	261
85.0	437	177	162
90.0	438	135	123

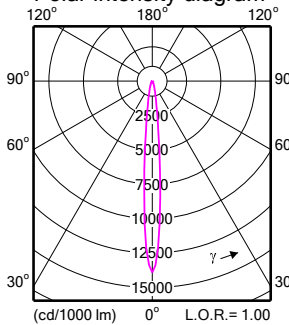
(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED GN 220V L50 1xLED 10

1 x 8915 lm

Polar intensity diagram

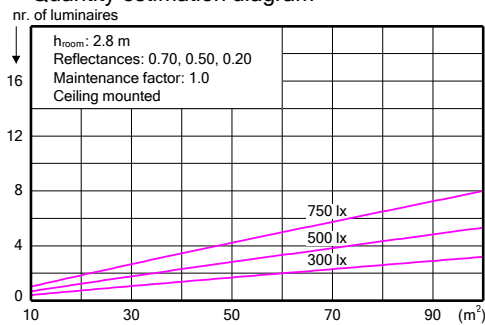


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

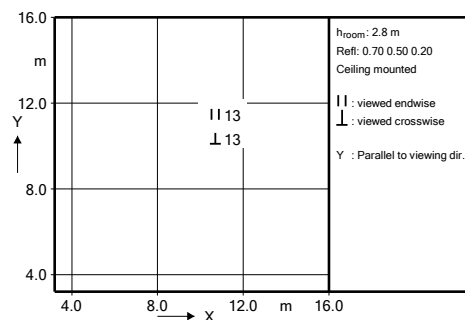


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73	0.77	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78	0.82	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82	0.86	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85	0.89	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90	0.94	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93	0.97	0.96	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95	0.99	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.00	0.97	0.97	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99	1.01	1.01	0.99

Ceiling mounted

UGR diagram



Luminance Table

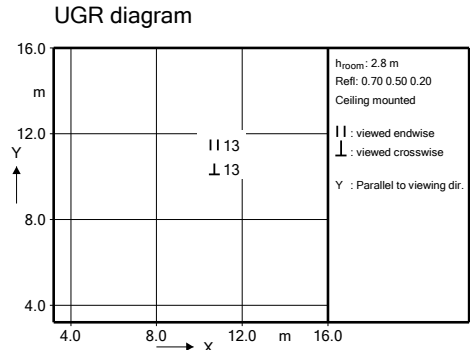
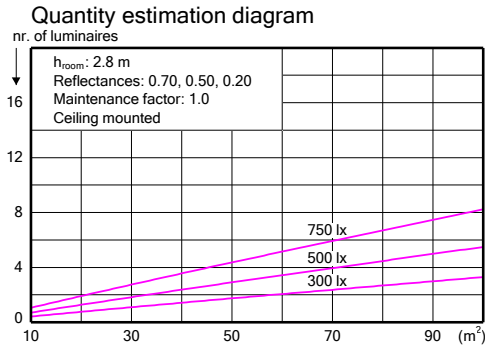
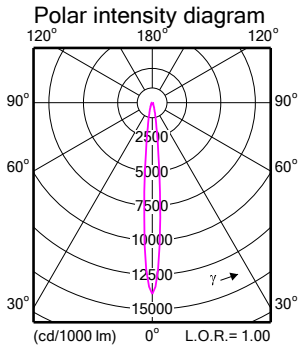
Plane Cone	0.0	45.0	90.0
45.0	9495	7169	6912
50.0	7104	5163	4957
55.0	5117	3563	3406
60.0	3605	2391	2274
65.0	2451	1535	1453
70.0	1505	880	828
75.0	1126	603	564
80.0	1202	574	532
85.0	1261	510	467
90.0	1641	508	459

(cd/m<sup>2</sup>)

2021-08-30

**BVP359 S 60LED GN 220V L50 DMX 1xLED 10**

1 x 8645 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

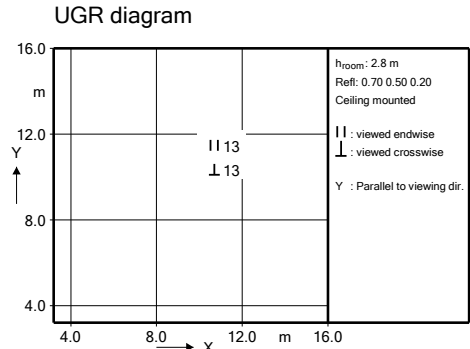
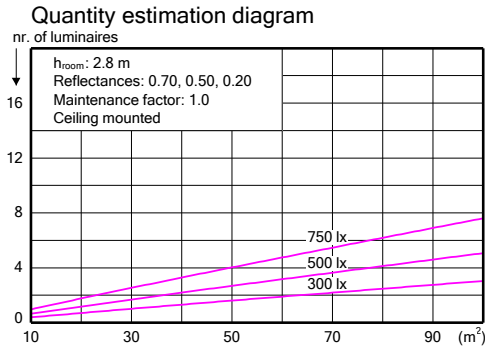
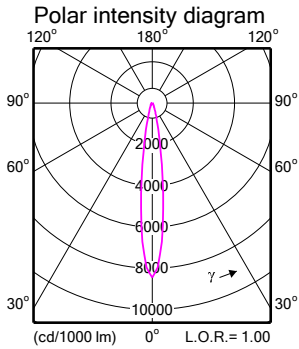
Plane Cone	0.0	45.0	90.0
45.0	9207	6952	6703
50.0	6889	5006	4807
55.0	4962	3455	3303
60.0	3496	2318	2206
65.0	2377	1489	1409
70.0	1460	853	803
75.0	1092	585	546
80.0	1166	556	515
85.0	1223	494	453
90.0	1591	492	445

(cd/m2)

2021-08-30

**BVP359 S 60LED GN 220V L50 1xLED 15**

1 x 9365 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9522	7189	6932
50.0	7300	5305	5094
55.0	5446	3792	3625
60.0	3818	2532	2409
65.0	2576	1614	1527
70.0	1565	915	861
75.0	1090	584	545
80.0	1024	488	453
85.0	1001	405	371
90.0	1188	368	333

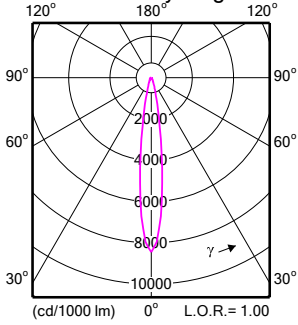
(cd/m2)

2021-08-30

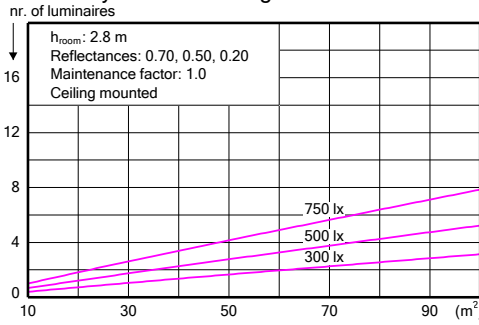
BVP359 S 60LED GN 220V L50 DMX 1xLED 15

1 x 9075 lm

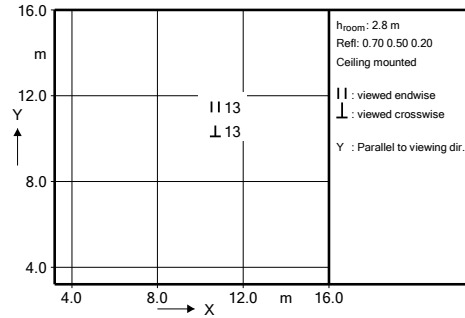
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9227	6967	6717
50.0	7074	5141	4936
55.0	5277	3674	3512
60.0	3700	2454	2334
65.0	2496	1564	1480
70.0	1517	887	834
75.0	1056	566	528
80.0	992	473	439
85.0	970	392	360
90.0	1152	356	322

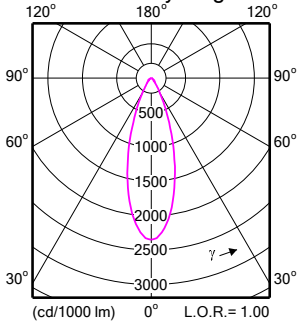
(cd/m2)

2021-08-30

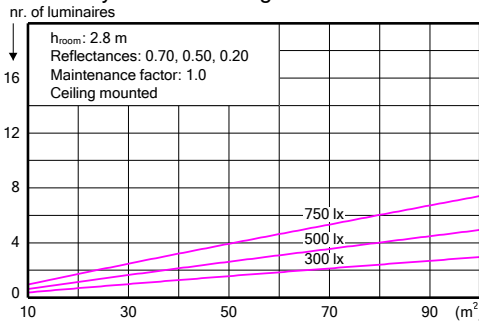
BVP359 S 60LED GN 220V L50 1xLED 30

1 x 9695 lm

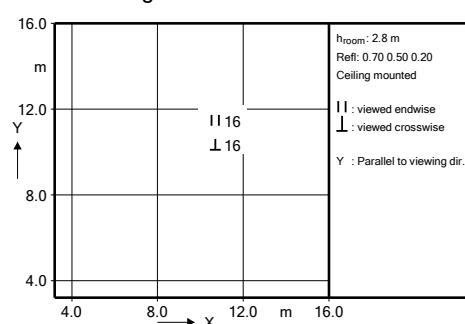
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

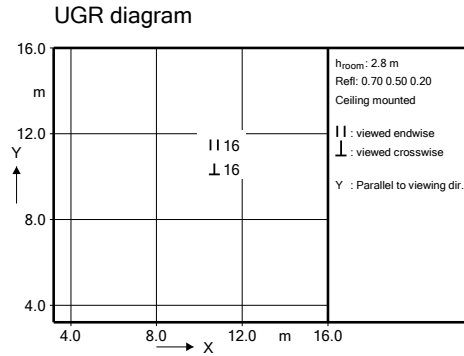
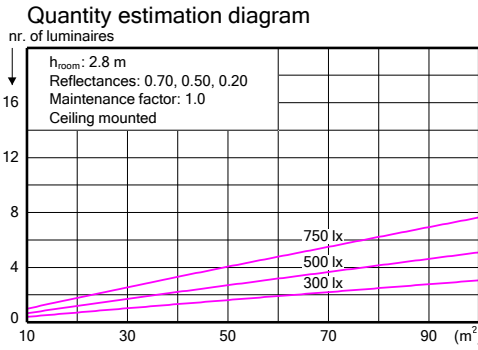
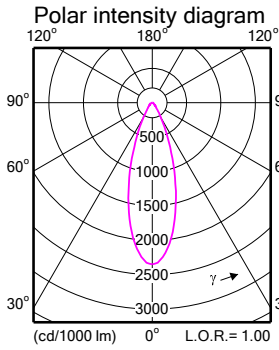
Plane Cone	0.0	45.0	90.0
45.0	11077	8364	8064
50.0	8862	6440	6183
55.0	6869	4783	4572
60.0	5140	3409	3243
65.0	3815	2390	2261
70.0	2672	1562	1469
75.0	1976	1059	989
80.0	1572	750	695
85.0	1363	551	505
90.0	1556	481	436

(cd/m2)

2021-08-30

BVP359 S 60LED GN 220V L50 DMX 1xLED 30

1 x 9400 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.80	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.25	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
2.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
2.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
3.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
4.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
5.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00

Ceiling mounted

Luminance Table

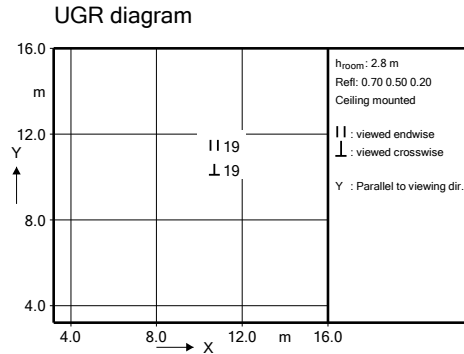
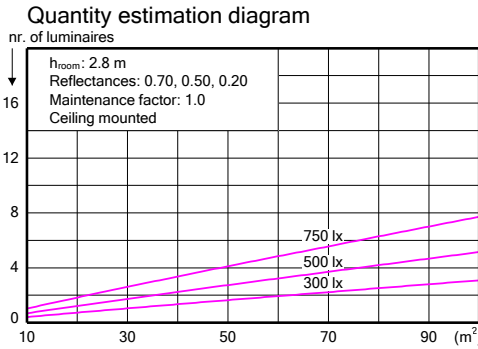
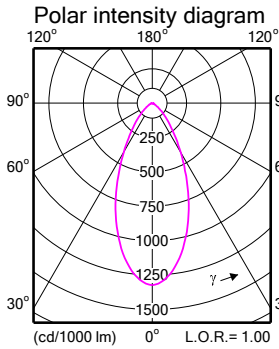
Plane Cone	0.0	45.0	90.0
45.0	10740	8109	7818
50.0	8592	6244	5995
55.0	6660	4638	4433
60.0	4984	3305	3144
65.0	3699	2317	2193
70.0	2591	1514	1424
75.0	1916	1026	959
80.0	1524	727	674
85.0	1322	534	490
90.0	1509	467	422

(cd/m²)

2021-08-30

BVP359 S 60LED GN 220V L50 1xLED 45

1 x 9365 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
0.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.60	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.80	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.25	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
1.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
2.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
2.50	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
3.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
4.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
5.00	0.80	0.80	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00

Ceiling mounted

Luminance Table

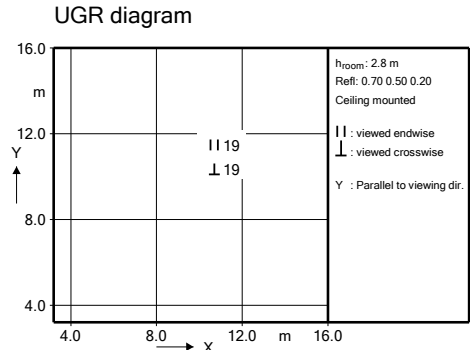
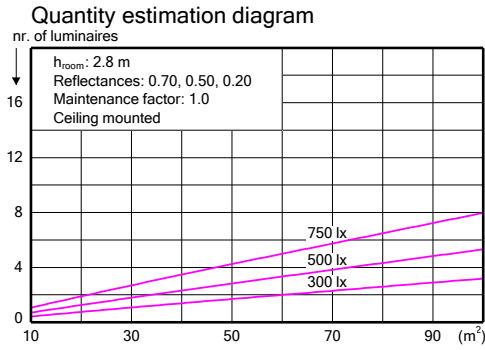
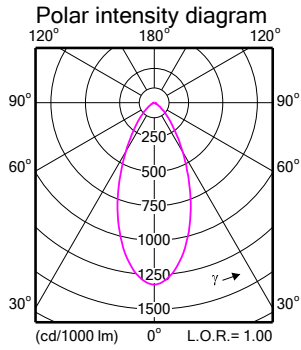
Plane Cone	0.0	45.0	90.0
45.0	20606	15559	15001
50.0	14017	10186	9780
55.0	9234	6430	6146
60.0	5829	3866	3678
65.0	3446	2159	2043
70.0	1605	938	883
75.0	922	494	461
80.0	957	457	423
85.0	1085	439	402
90.0	1424	441	399

(cd/m²)

2021-08-30

BVP359 S 60LED GN 220V L50 DMX 1xLED 45

1 x 9075 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

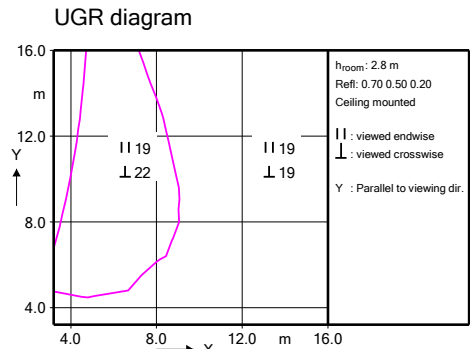
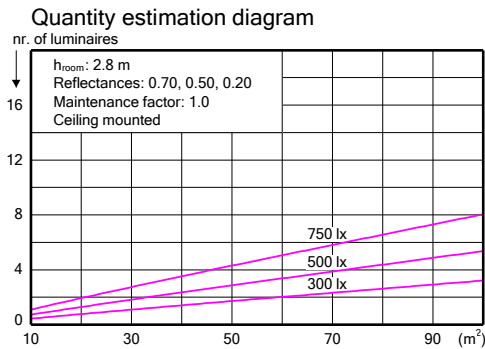
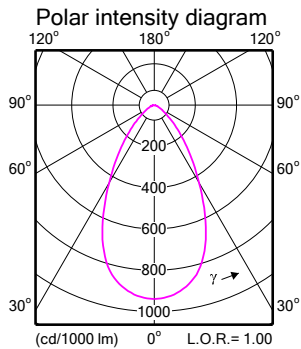
Plane Cone	0.0	45.0	90.0
45.0	19968	15077	14537
50.0	13583	9871	9477
55.0	8948	6231	5956
60.0	5649	3746	3564
65.0	3339	2092	1980
70.0	1555	909	855
75.0	893	479	447
80.0	927	443	410
85.0	1051	425	390
90.0	1380	427	386

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED GN 220V L50 1xLED 60

1 x 9140 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	23876	18028	17382
50.0	16455	11958	11482
55.0	11408	7944	7593
60.0	8411	5578	5307
65.0	6232	3904	3694
70.0	4325	2528	2378
75.0	2906	1557	1454
80.0	2075	990	917
85.0	1535	620	569
90.0	1536	475	430

(cd/m<sup>2</sup>)

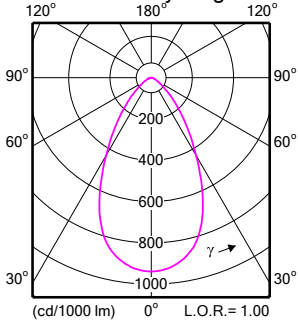
2021-08-30



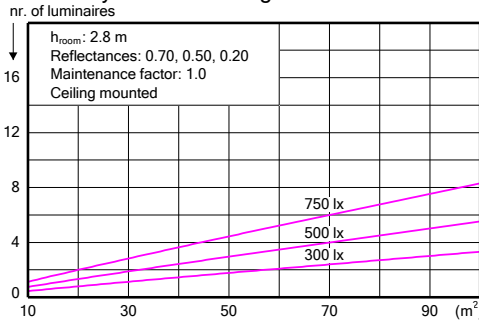
BVP359 S 60LED GN 220V L50 DMX 1xLED 60

1 x 8860 lm

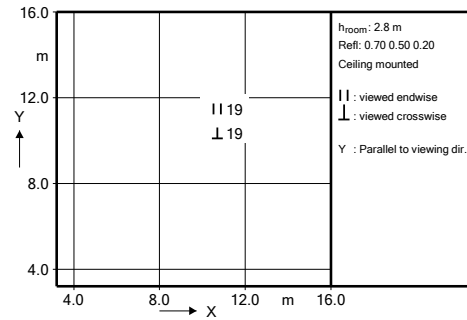
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	23144	17476	16849
50.0	15951	11592	11130
55.0	11059	7700	7361
60.0	8153	5407	5144
65.0	6041	3784	3581
70.0	4192	2451	2305
75.0	2817	1509	1410
80.0	2011	960	889
85.0	1488	601	551
90.0	1489	461	417

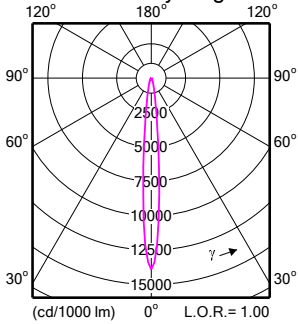
(cd/m<sup>2</sup>)

2021-08-30

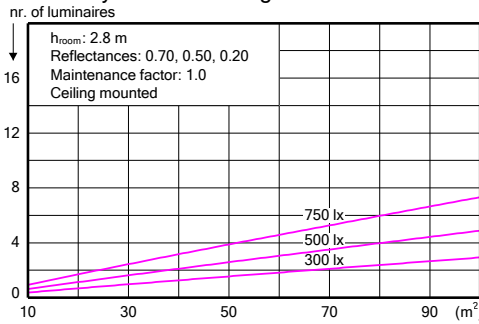
BVP359 S 60LED TW 220V L50 DMX 1xLED 10

1 x 9720 lm

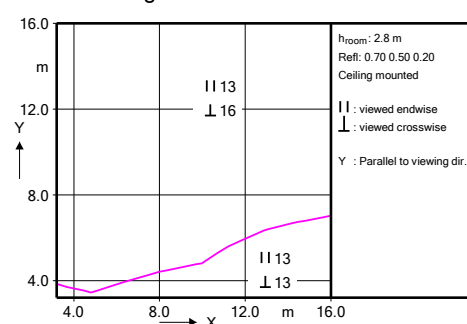
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10352	7817	7537
50.0	7746	5629	5404
55.0	5579	3885	3714
60.0	3930	2607	2480
65.0	2673	1674	1584
70.0	1641	959	902
75.0	1228	658	614
80.0	1311	625	579
85.0	1375	556	510
90.0	1789	553	501

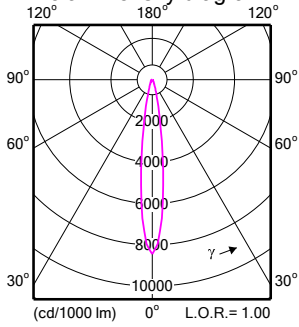
(cd/m<sup>2</sup>)

2021-08-30

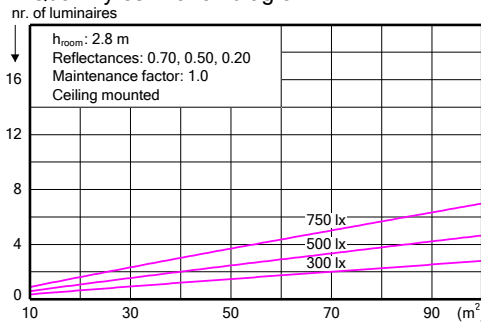
BVP359 S 60LED TW 220V L50 DMX 1xLED 15

1 x 10205 lm

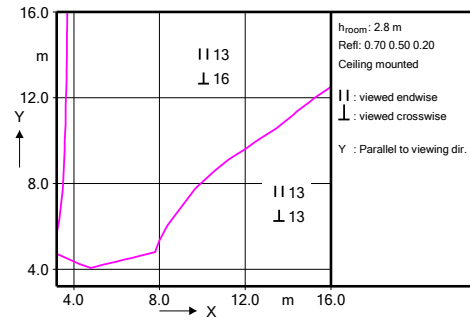
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10376	7834	7553
50.0	7955	5781	5550
55.0	5934	4132	3950
60.0	4160	2759	2625
65.0	2807	1758	1664
70.0	1765	997	938
75.0	1187	636	594
80.0	1116	532	493
85.0	1091	441	404
90.0	1295	401	363

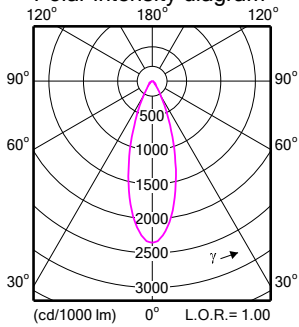
(cd/m2)

2021-08-30

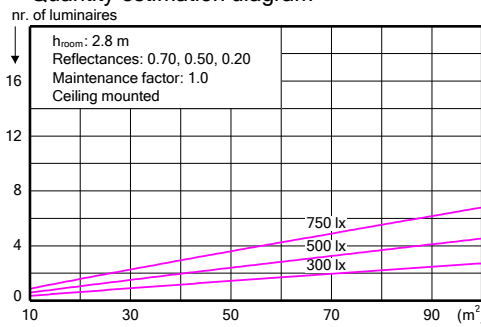
BVP359 S 60LED TW 220V L50 DMX 1xLED 30

1 x 10570 lm

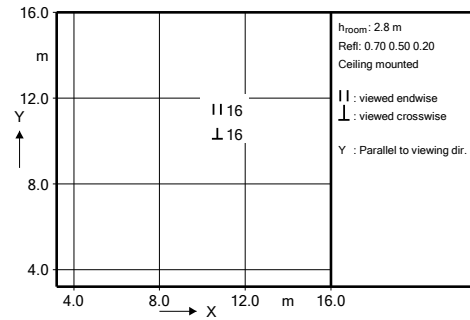
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

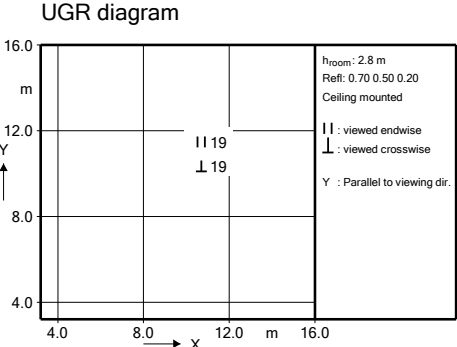
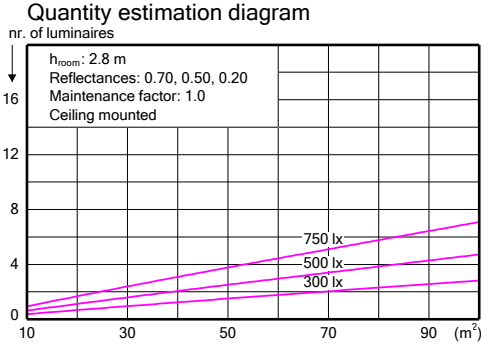
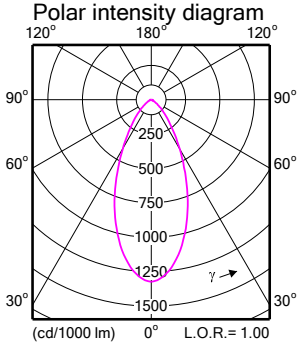
Plane Cone	0.0	45.0	90.0
45.0	12076	9118	8792
50.0	9661	7021	6741
55.0	7489	5215	4985
60.0	5604	3717	3536
65.0	4159	2605	2466
70.0	2913	1703	1602
75.0	2154	1154	1078
80.0	1713	818	757
85.0	1486	601	551
90.0	1697	525	475

(cd/m2)

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BVP359 S 60LED TW 220V L50 DMX 1xLED 45

1 x 10205 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

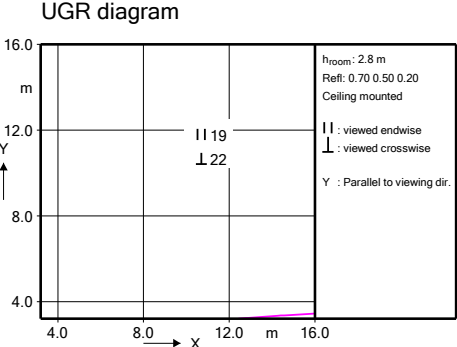
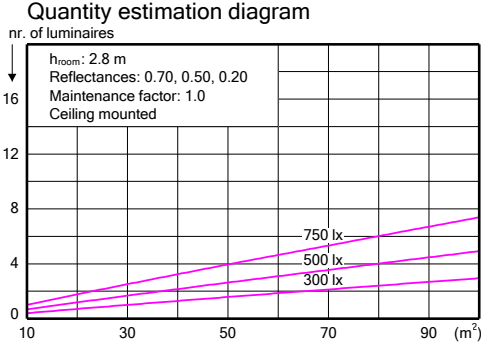
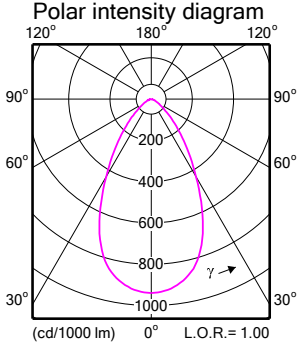
Plane Cone	0.0	45.0	90.0
45.0	22454	16955	16347
50.0	15274	11100	10657
55.0	10062	7006	6698
60.0	6352	4213	4008
65.0	3755	2352	2226
70.0	1749	1022	962
75.0	1005	538	503
80.0	1043	498	461
85.0	1182	478	438
90.0	1552	480	435

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 60LED TW 220V L50 DMX 1xLED 60

1 x 9960 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

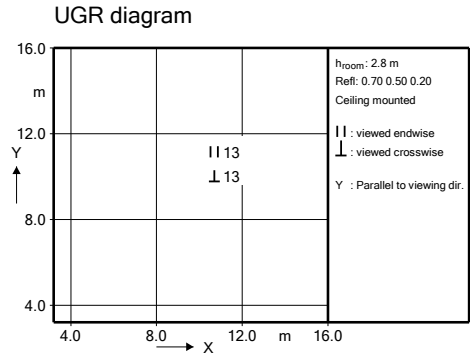
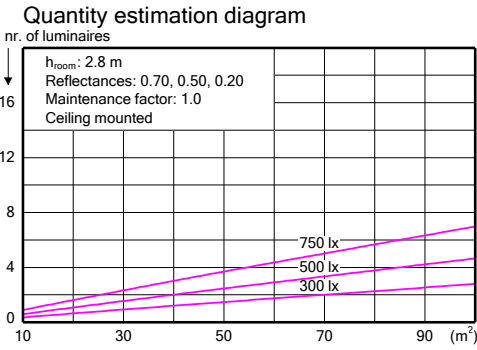
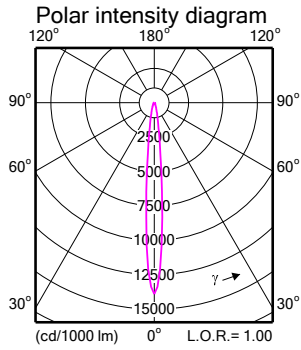
Plane Cone	0.0	45.0	90.0
45.0	28018	19645	18941
50.0	17932	13031	12512
55.0	12431	8656	8275
60.0	9165	6078	5783
65.0	6791	4254	4026
70.0	4713	2755	2591
75.0	3167	1697	1585
80.0	2261	1079	1000
85.0	1672	676	620
90.0	1674	518	469

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 22K 220V L57 1xLED 10

1 x 10205 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

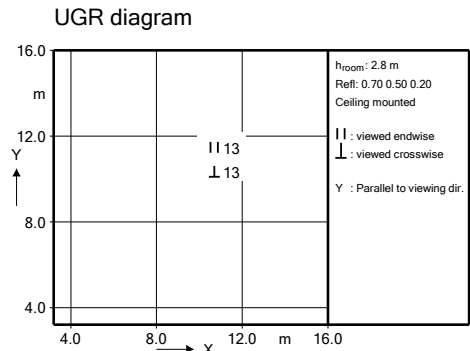
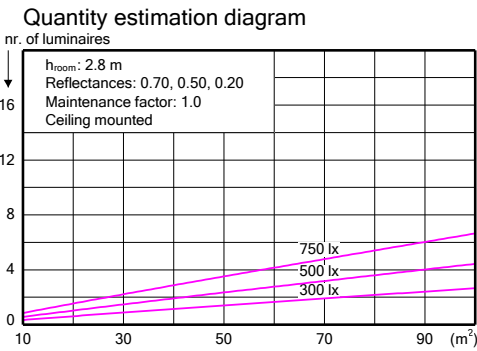
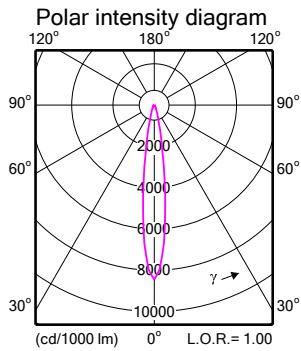
Plane Cone	0.0	45.0	90.0
45.0	9707	7268	6941
50.0	7284	5240	4977
55.0	5264	3620	3420
60.0	3724	2433	2284
65.0	2545	1565	1459
70.0	1573	898	831
75.0	1187	617	566
80.0	1285	588	534
85.0	1378	524	469
90.0	1878	524	461

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 22K 220V L57 1xLED 15

1 x 10715 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

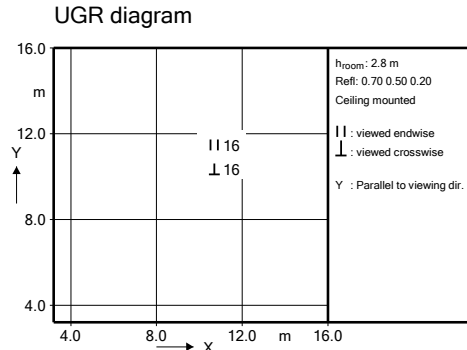
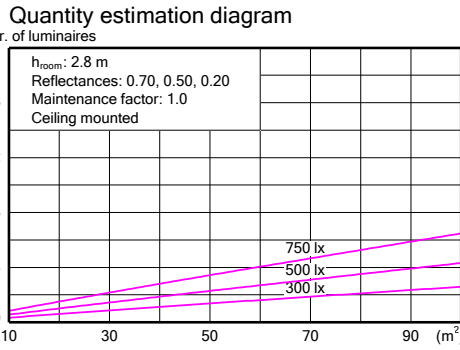
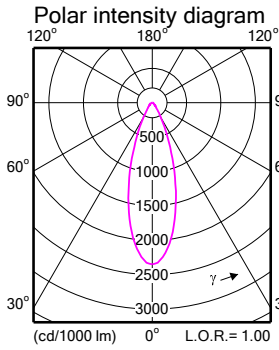
Plane Cone	0.0	45.0	90.0
45.0	9730	7285	6957
50.0	7481	5381	5112
55.0	5600	3851	3638
60.0	3942	2575	2418
65.0	2673	1643	1533
70.0	1635	933	864
75.0	1148	597	547
80.0	1093	500	454
85.0	1094	416	373
90.0	1360	379	334

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 22K 220V L57 1xLED 30

1 x 11095 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

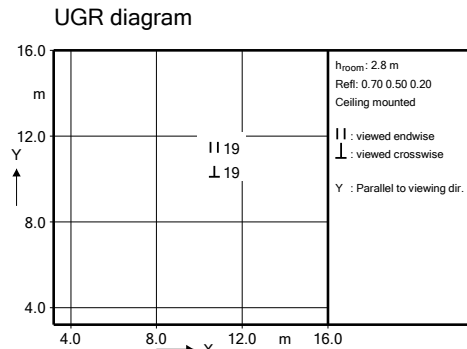
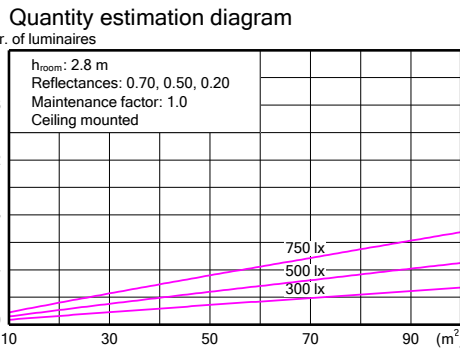
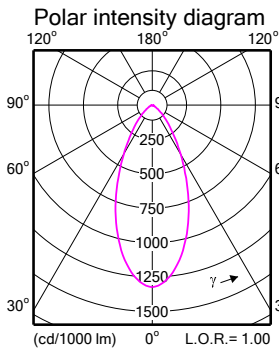
Plane Cone	0.0	45.0	90.0
45.0	11321	8477	8095
50.0	9084	6534	6207
55.0	7065	4859	4590
60.0	5308	3468	3256
65.0	3960	2434	2270
70.0	2791	1594	1475
75.0	2083	1082	993
80.0	1679	768	697
85.0	1489	566	507
90.0	1781	497	437

(cd/m2)

2021-08-30

BVP359 S 72LED 22K 220V L57 1xLED 45

1 x 10715 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

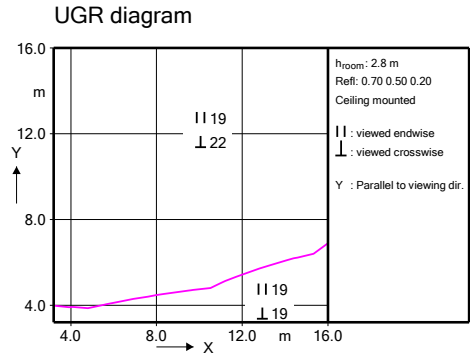
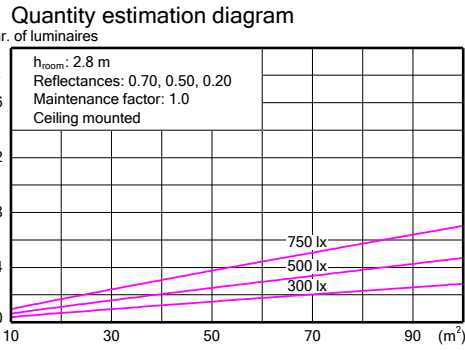
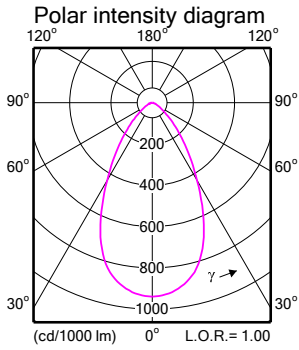
Plane Cone	0.0	45.0	90.0
45.0	21057	15766	15056
50.0	14365	10333	9816
55.0	9495	6530	6169
60.0	6018	3932	3691
65.0	3576	2198	2050
70.0	1677	957	886
75.0	972	505	463
80.0	1022	468	425
85.0	1185	451	404
90.0	1630	454	400

(cd/m2)

2021-08-30

BVP359 S 72LED 22K 220V L57 1xLED 60

1 x 10460 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

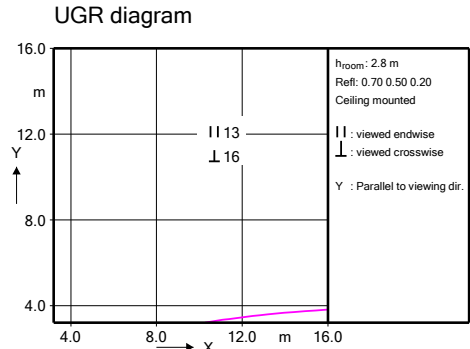
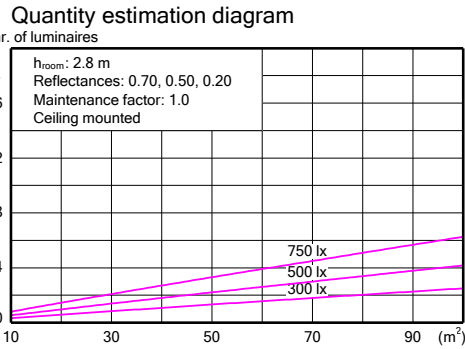
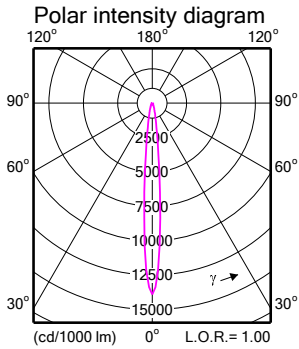
Plane Cone	0.0	45.0	90.0
45.0	24404	18272	17449
50.0	16868	12133	11526
55.0	11734	8070	7623
60.0	8686	5674	5327
65.0	6468	3977	3709
70.0	4518	2580	2387
75.0	3063	1592	1460
80.0	2217	1015	921
85.0	1677	638	571
90.0	1758	490	432

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 27K 220V L57 1xLED 10

1 x 11380 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10825	8105	7740
50.0	8123	5843	5550
55.0	5870	4037	3814
60.0	4153	2713	2547
65.0	2838	1745	1627
70.0	1754	1001	927
75.0	1324	688	631
80.0	1433	656	595
85.0	1537	584	523
90.0	2094	584	514

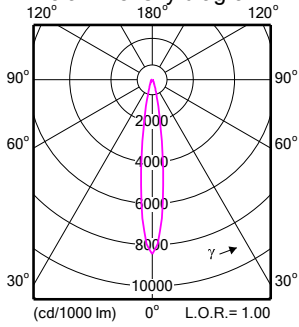
(cd/m<sup>2</sup>)

2021-08-30

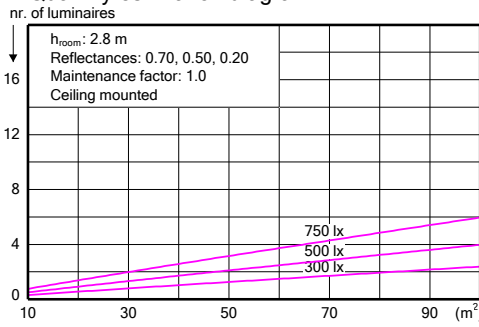
BVP359 S 72LED 27K 220V L57 1xLED 15

1 x 11950 lm

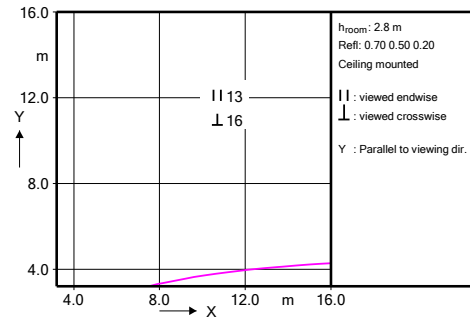
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10851	8125	7759
50.0	8344	6002	5701
55.0	6245	4295	4057
60.0	4396	2872	2696
65.0	2981	1833	1709
70.0	1823	1041	963
75.0	1281	665	610
80.0	1219	558	507
85.0	1220	464	415
90.0	1516	423	372

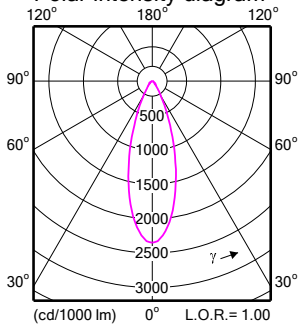
(cd/m2)

2021-08-30

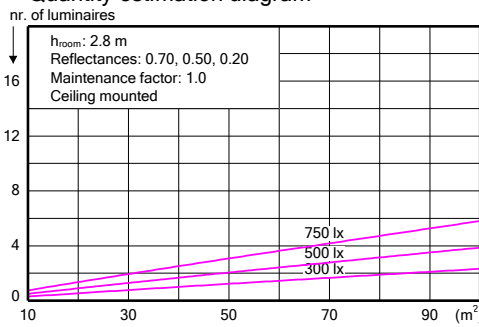
BVP359 S 72LED 27K 220V L57 1xLED 30

1 x 12375 lm

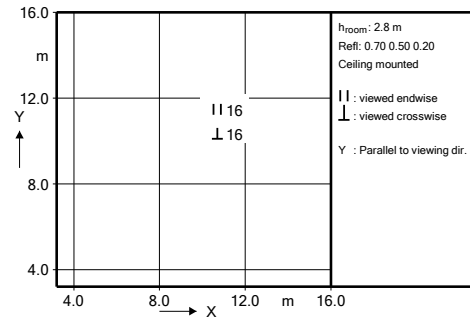
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

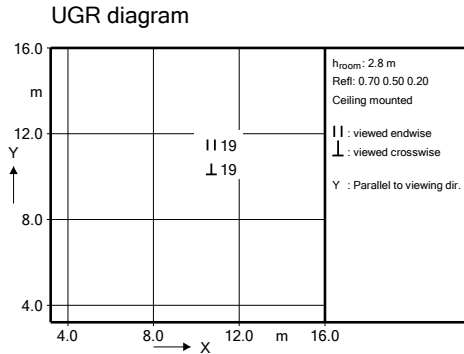
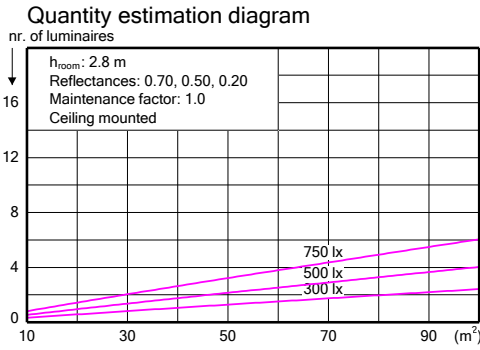
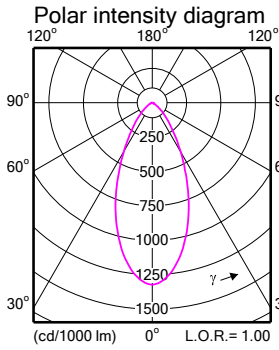
Plane Cone	0.0	45.0	90.0
45.0	12628	9455	9029
50.0	10132	7288	6923
55.0	7880	5420	5120
60.0	5921	3868	3631
65.0	4416	2715	2532
70.0	3113	1777	1645
75.0	2323	1207	1107
80.0	1872	857	778
85.0	1661	632	566
90.0	1986	554	488

(cd/m2)

2021-08-30

BVP359 S 72LED 27K 220V L57 1xLED 45

1 x 11950 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

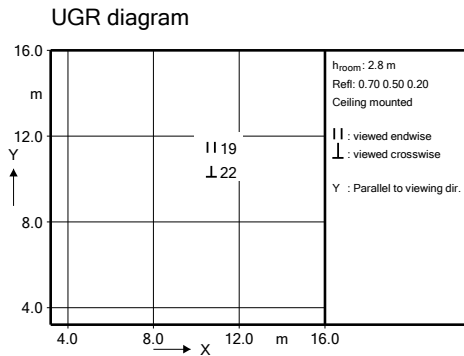
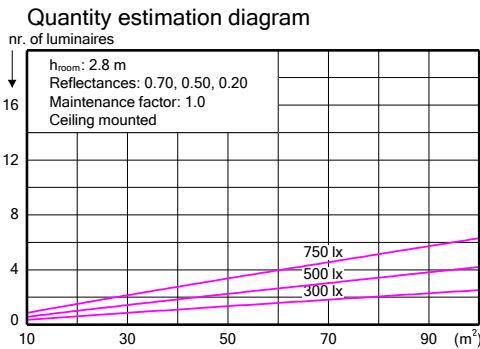
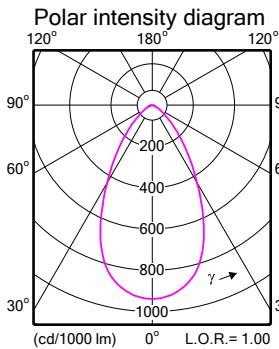
Plane Cone	0.0	45.0	90.0
45.0	23484	17583	16791
50.0	16021	11524	10947
55.0	10590	7283	6880
60.0	6712	4385	4117
65.0	3988	2452	2287
70.0	1870	1067	988
75.0	1084	563	516
80.0	1140	522	474
85.0	1321	502	450
90.0	1818	507	446

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 27K 220V L57 1xLED 60

1 x 11665 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	27215	20377	19459
50.0	18811	13531	12854
55.0	13085	8999	8501
60.0	9686	6328	5941
65.0	7214	4435	4136
70.0	5039	2877	2662
75.0	3416	1775	1628
80.0	2472	1131	1027
85.0	1870	711	637
90.0	1961	547	482

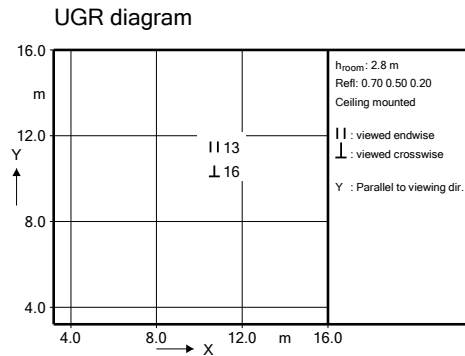
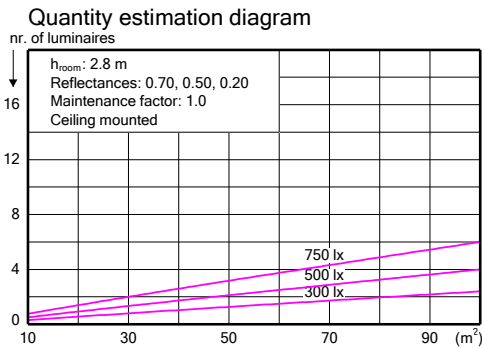
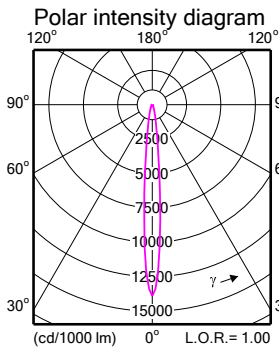
(cd/m<sup>2</sup>)

2021-08-30



BVP359 S 72LED 30K 220V L57 1xLED 10

1 x 11870 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00		
0.60	0.80	0.80	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

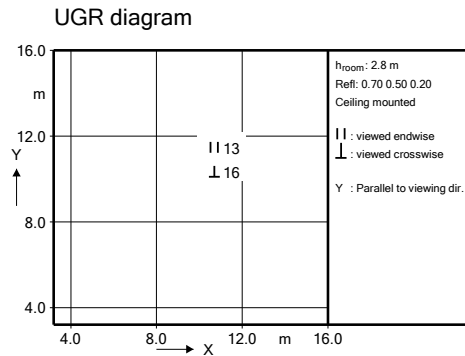
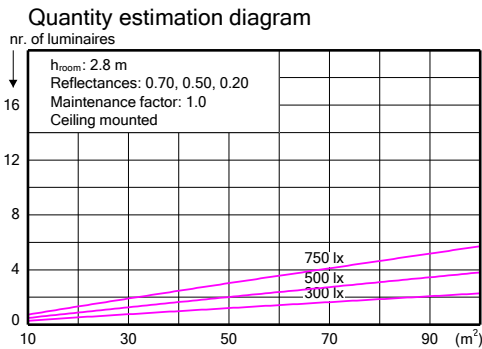
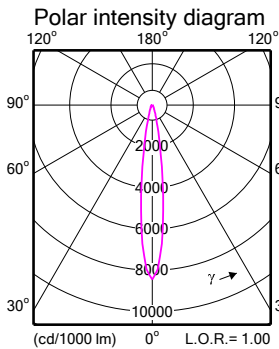
Plane Cone	0.0	45.0	90.0
45.0	11291	8454	8073
50.0	8473	6094	5789
55.0	6123	4211	3978
60.0	4331	2829	2657
65.0	2960	1820	1697
70.0	1829	1044	967
75.0	1381	717	658
80.0	1494	684	621
85.0	1603	609	546
90.0	2184	609	537

(cd/m2)

2021-08-30

BVP359 S 72LED 30K 220V L57 1xLED 15

1 x 12465 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00		
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

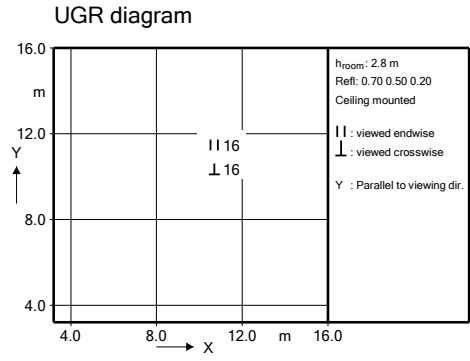
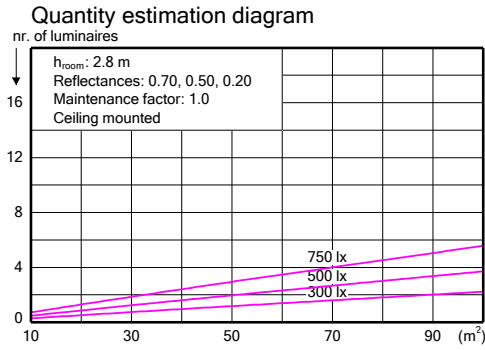
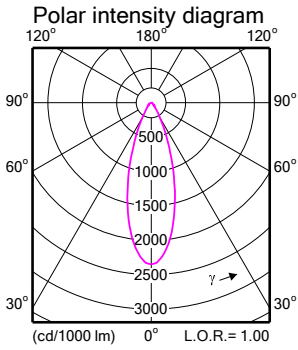
Plane Cone	0.0	45.0	90.0
45.0	11319	8475	8093
50.0	8703	6260	5947
55.0	6514	4480	4232
60.0	4586	2996	2813
65.0	3110	1912	1783
70.0	1902	1086	1005
75.0	1336	694	637
80.0	1272	582	528
85.0	1272	484	433
90.0	1582	441	388

(cd/m2)

2021-08-30

BVP359 S 72LED 30K 220V L57 1xLED 30

1 x 12910 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

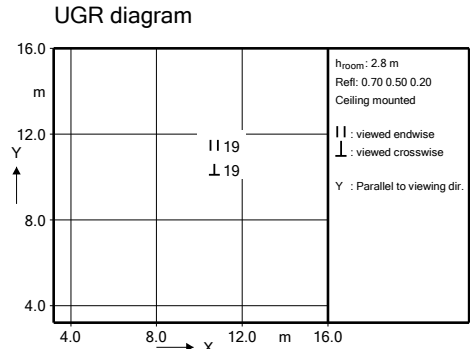
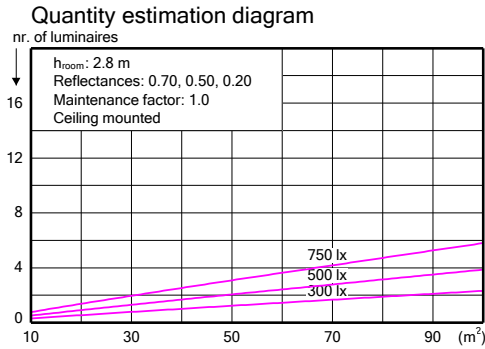
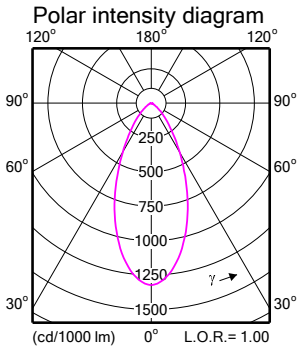
Plane Cone	0.0	45.0	90.0
45.0	13173	9863	9419
50.0	10570	7603	7222
55.0	8221	5654	5341
60.0	6177	4035	3788
65.0	4607	2833	2642
70.0	3248	1854	1716
75.0	2424	1259	1155
80.0	1953	894	811
85.0	1733	659	590
90.0	2072	578	509

(cd/m2)

2021-08-30

BVP359 S 72LED 30K 220V L57 1xLED 45

1 x 12465 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

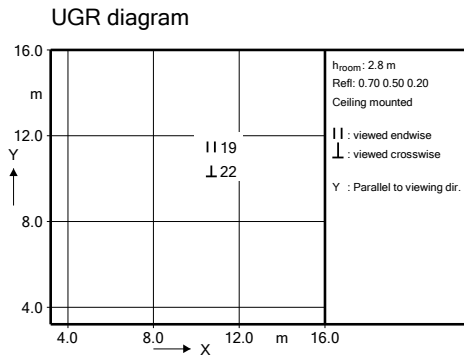
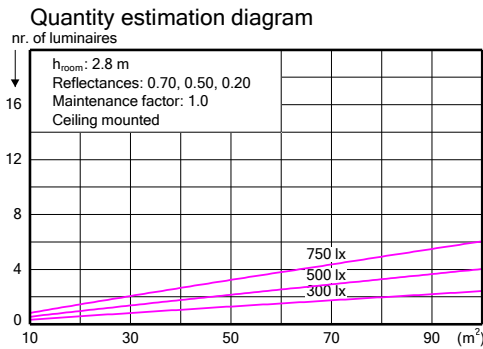
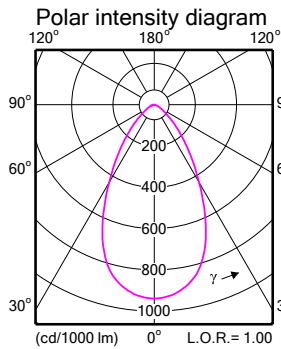
Plane Cone	0.0	45.0	90.0
45.0	24496	18341	17515
50.0	16711	12021	11419
55.0	11046	7597	7176
60.0	7001	4574	4294
65.0	4160	2558	2385
70.0	1950	1113	1030
75.0	1130	587	539
80.0	1189	544	494
85.0	1378	524	470
90.0	1896	529	466

(cd/m2)

2021-08-30

**BVP359 S 72LED 30K 220V L57 1xLED 60**

1 x 12165 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00		
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
1.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28382	21250	20293
50.0	19618	14111	13405
55.0	13646	9385	8865
60.0	10102	6599	6196
65.0	7523	4625	4313
70.0	5255	3000	2776
75.0	3563	1851	1698
80.0	2578	1180	1071
85.0	1950	741	664
90.0	2045	570	502

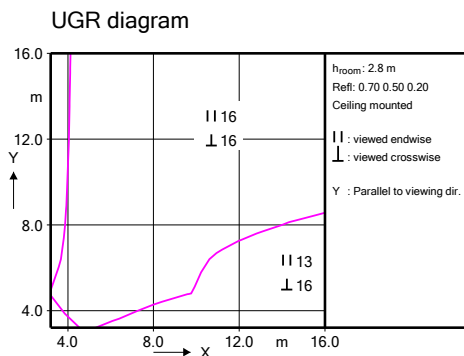
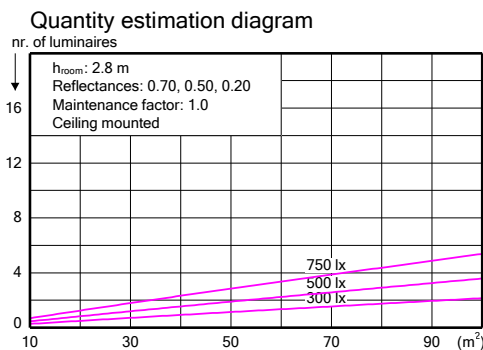
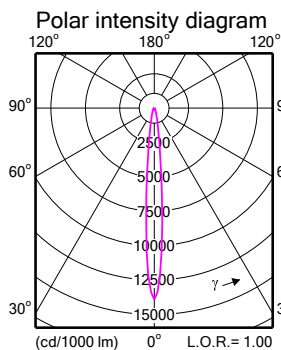
(cd/m2)

Ceiling mounted

2021-08-30

**BVP359 S 72LED 40K 220V L57 1xLED 10**

1 x 13245 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00		
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12599	9433	9009
50.0	9454	6800	6460
55.0	6833	4699	4439
60.0	4833	3157	2964
65.0	3303	2031	1894
70.0	2041	1165	1079
75.0	1541	801	734
80.0	1668	763	693
85.0	1789	680	609
90.0	2438	680	599

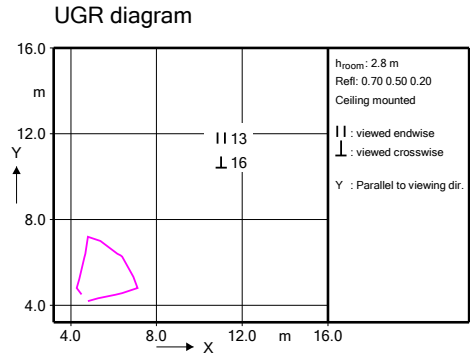
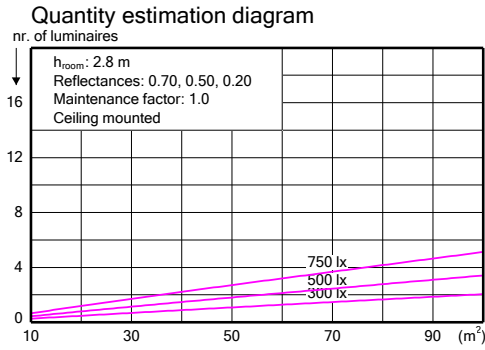
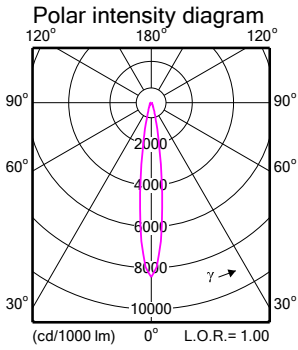
(cd/m2)

Ceiling mounted

2021-08-30

**BVP359 S 72LED 40K 220V L57 1xLED 15**

1 x 13905 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	12627	9454	9028
50.0	9709	6984	6634
55.0	7267	4998	4721
60.0	5115	3342	3137
65.0	3469	2133	1989
70.0	2121	1211	1121
75.0	1490	774	710
80.0	1419	649	589
85.0	1419	540	483
90.0	1764	492	433

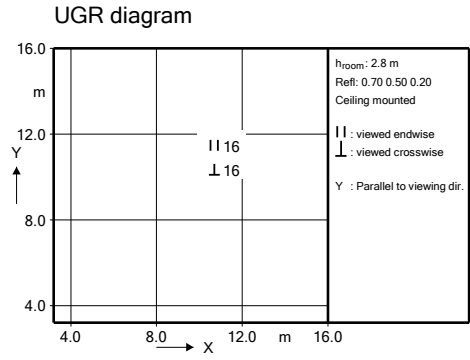
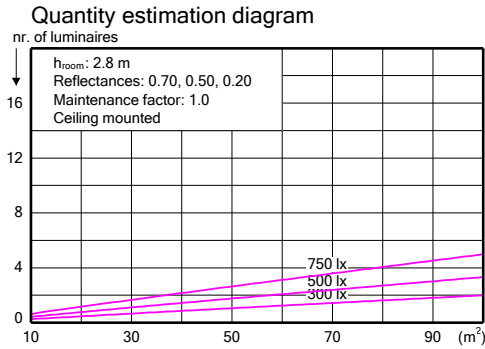
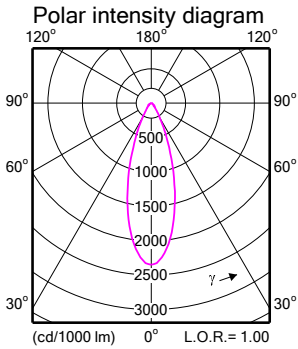
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

**BVP359 S 72LED 40K 220V L57 1xLED 30**

1 x 14405 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	14699	11006	10510
50.0	11794	8483	8059
55.0	9173	6309	5959
60.0	6892	4502	4227
65.0	5141	3161	2947
70.0	3624	2069	1915
75.0	2704	1405	1289
80.0	2180	998	905
85.0	1934	735	659
90.0	2312	645	568

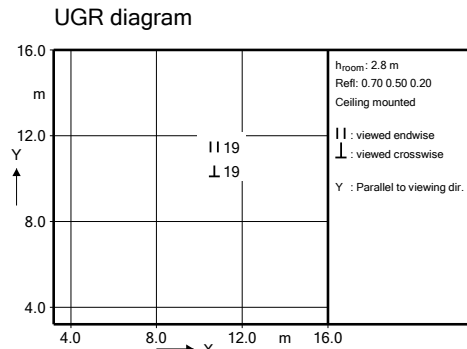
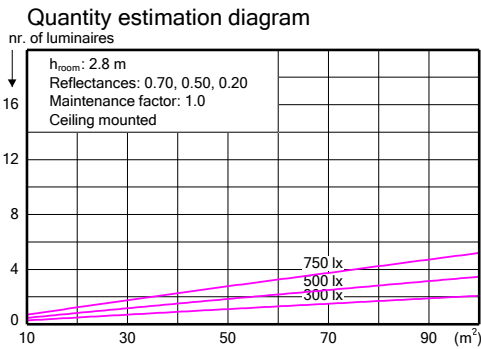
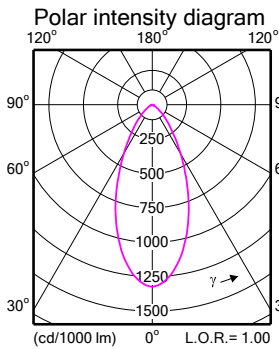
(cd/m<sup>2</sup>)

Ceiling mounted

2021-08-30

BVP359 S 72LED 40K 220V L57 1xLED 45

1 x 13905 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 85 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

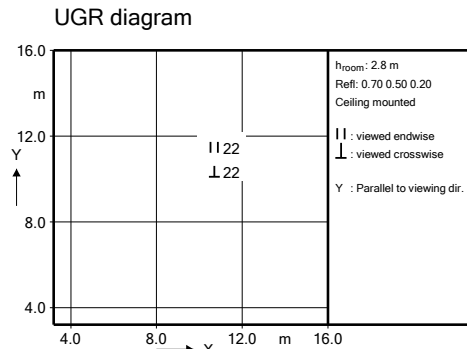
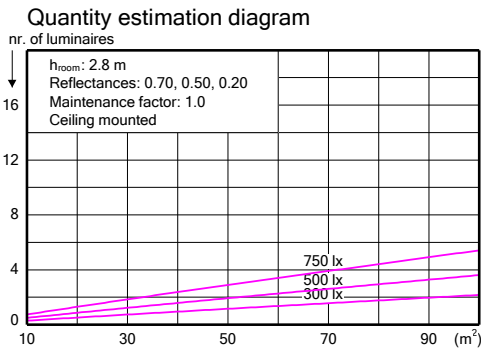
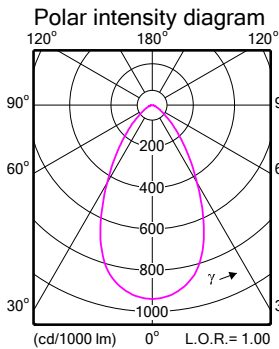
Plane Cone	0.0	45.0	90.0
45.0	27326	20460	19538
50.0	18642	13409	12738
55.0	12322	8474	8005
60.0	7810	5102	4790
65.0	4641	2853	2661
70.0	2176	1242	1150
75.0	1261	655	601
80.0	1327	607	551
85.0	1538	585	524
90.0	2115	590	519

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 40K 220V L57 1xLED 60

1 x 13575 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

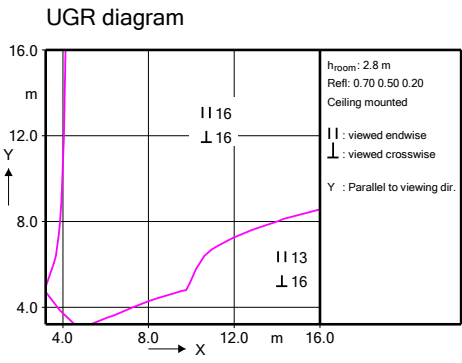
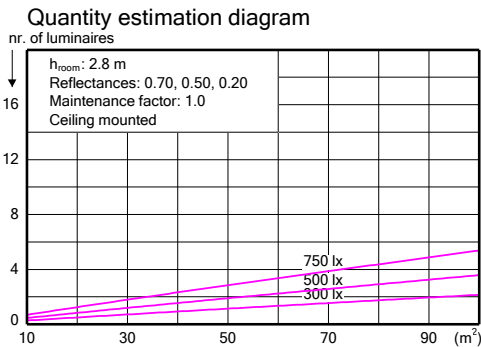
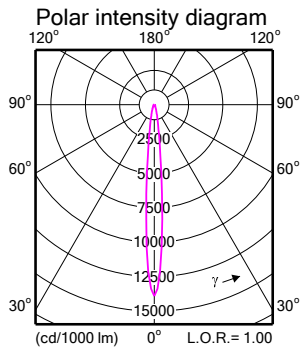
Plane Cone	0.0	45.0	90.0
45.0	31671	23713	22645
50.0	21892	15747	14959
55.0	15228	10473	9893
60.0	11272	7364	6914
65.0	8395	5161	4813
70.0	5864	3348	3098
75.0	3976	2066	1895
80.0	2877	1317	1195
85.0	2176	827	741
90.0	2282	636	560

(cd/m<sup>2</sup>)

2021-08-30

## BVP359 S 72LED 50K 220V L57 1xLED 10

1 x 13245 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

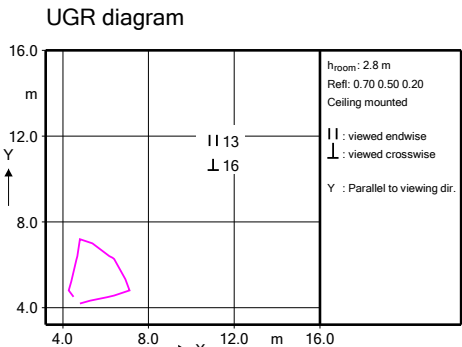
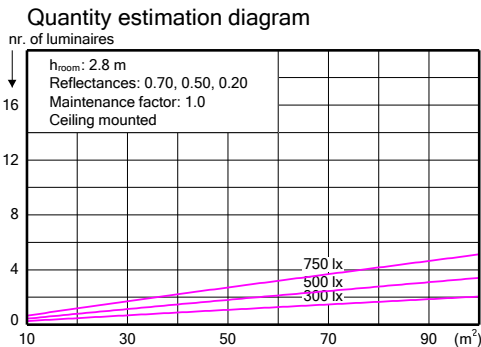
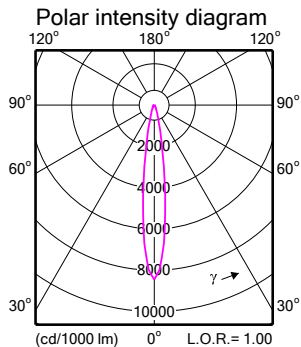
Plane Cone	0.0	45.0	90.0
45.0	12599	9433	9009
50.0	9454	6800	6460
55.0	6833	4699	4439
60.0	4833	3157	2964
65.0	3303	2031	1894
70.0	2041	1165	1079
75.0	1541	801	734
80.0	1668	763	693
85.0	1789	680	609
90.0	2438	680	599

(cd/m<sup>2</sup>)

2021-08-30

## BVP359 S 72LED 50K 220V L57 1xLED 15

1 x 13905 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

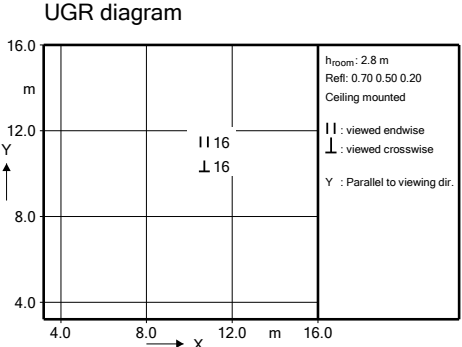
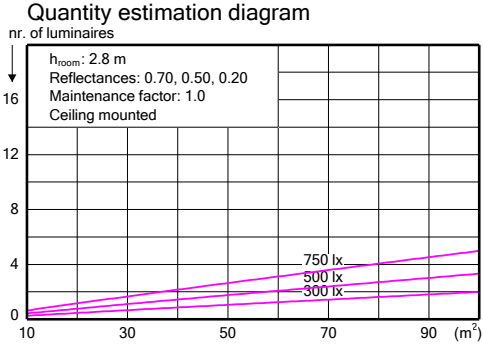
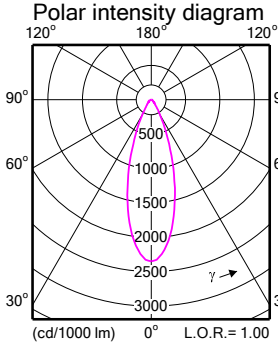
Plane Cone	0.0	45.0	90.0
45.0	12627	9454	9028
50.0	9709	6984	6634
55.0	7267	4998	4721
60.0	5115	3342	3137
65.0	3469	2133	1989
70.0	2121	1211	1121
75.0	1490	774	710
80.0	1419	649	589
85.0	1419	540	483
90.0	1764	492	433

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 50K 220V L57 1xLED 30

1 x 14405 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.00	0.50	0.50	0.50	0.30	0.10	0.00	0.50	
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.67	0.69	0.67	0.66	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.75	0.72	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.80	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.88	0.85	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.97	0.96	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	1.02	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

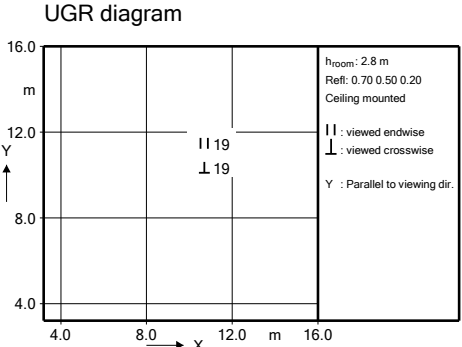
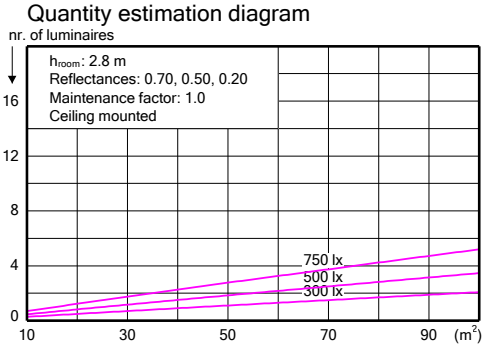
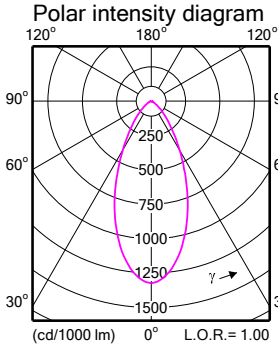
Plane Cone	0.0	45.0	90.0
45.0	14699	11006	10510
50.0	11794	8483	8059
55.0	9173	6309	5959
60.0	6892	4502	4227
65.0	5141	3161	2947
70.0	3624	2069	1915
75.0	2704	1405	1289
80.0	2180	998	905
85.0	1934	735	659
90.0	2312	645	568

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 50K 220V L57 1xLED 45

1 x 13905 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80 0.80	0.70 0.70	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00	0.80 0.80	0.70 0.70	0.70 0.70	0.50 0.50	0.30 0.30	0.30 0.30	0.00 0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.10	0.00	0.50	0.50	0.50	0.30	0.10	0.00	0.50	0.50
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.71	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.77	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.86	0.83	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.91	0.89	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.94	0.93	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.96	0.95	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	27326	20460	19538
50.0	18642	13409	12738
55.0	12322	8474	8005
60.0	7810	5102	4790
65.0	4641	2853	2661
70.0	2176	1242	1150
75.0	1261	655	601
80.0	1327	607	551
85.0	1538	585	524
90.0	2115	590	519

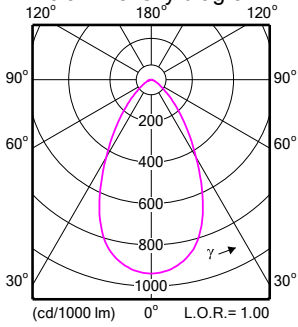
(cd/m<sup>2</sup>)

2021-08-30

## BVP359 S 72LED 50K 220V L57 1xLED 60

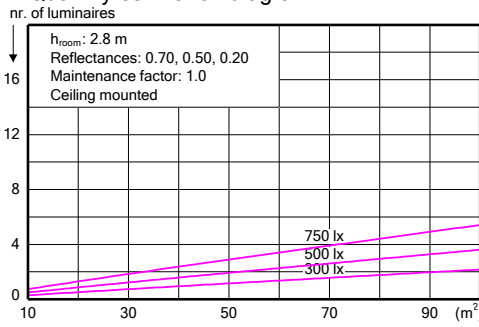
1 x 13575 lm

**Polar intensity diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

**Quantity estimation diagram**

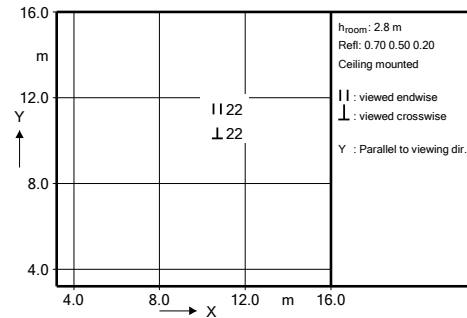


**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

**UGR diagram**



**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	31671	23713	22645
50.0	21892	15747	14959
55.0	15228	10473	9893
60.0	11272	7364	6914
65.0	8395	5161	4813
70.0	5864	3348	3098
75.0	3976	2066	1895
80.0	2877	1317	1195
85.0	2176	827	741
90.0	2282	636	560

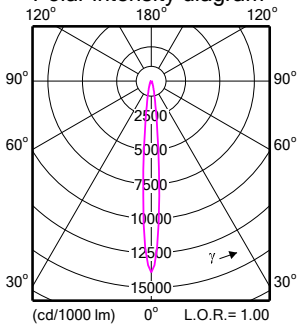
(cd/m<sup>2</sup>)

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## BVP359 S 72LED 57K 220V L57 1xLED 10

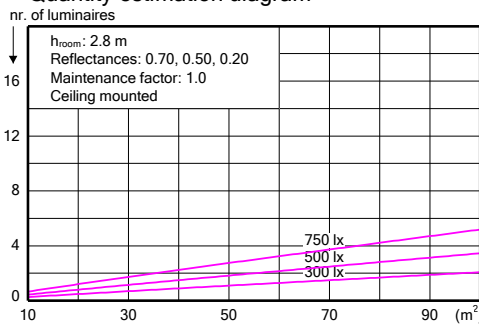
1 x 13735 lm

**Polar intensity diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

**Quantity estimation diagram**

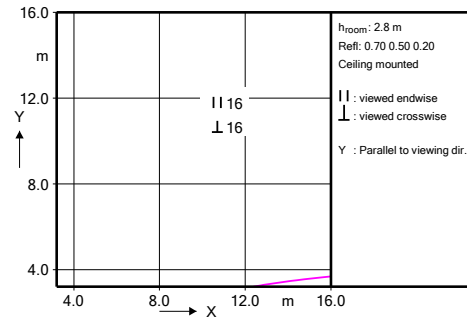


**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

**UGR diagram**



**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	13065	9782	9342
50.0	9804	7052	6699
55.0	7085	4873	4603
60.0	5012	3274	3074
65.0	3425	2106	1964
70.0	2117	1209	1118
75.0	1598	830	762
80.0	1179	591	552
85.0	855	405	382
90.0	2528	705	621

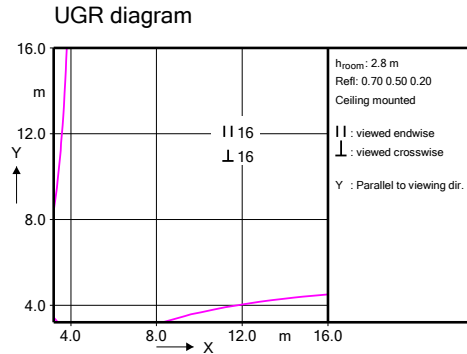
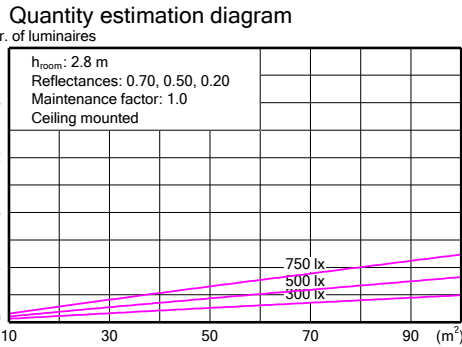
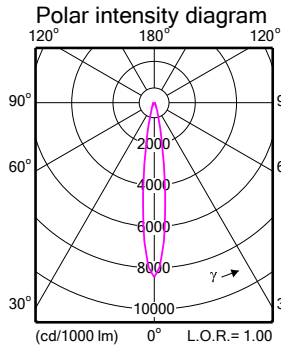
(cd/m<sup>2</sup>)

2021-08-30



BVP359 S 72LED 57K 220V L57 1xLED 15

1 x 14420 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

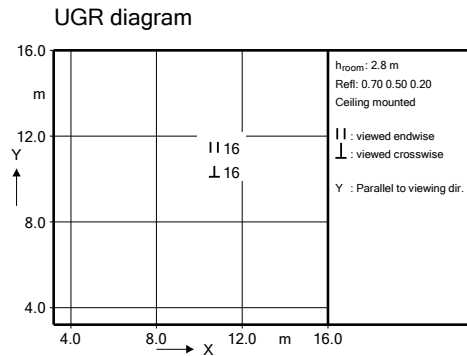
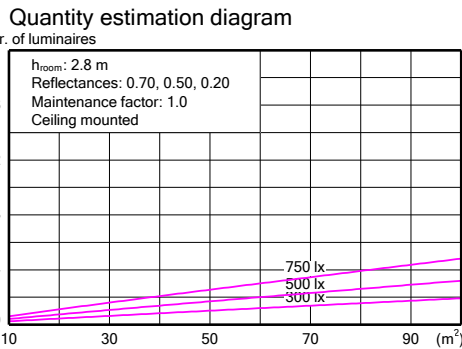
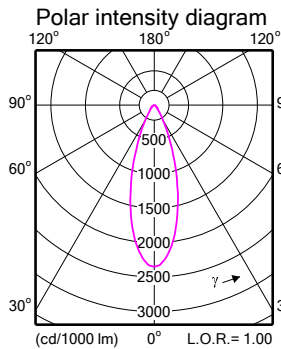
Plane Cone	0.0	45.0	90.0
45.0	13094	9804	9362
50.0	10068	7242	6880
55.0	7536	5183	4896
60.0	5305	3465	3254
65.0	3598	2212	2063
70.0	2290	1256	1162
75.0	1545	803	736
80.0	1472	673	611
85.0	1472	560	501
90.0	1830	510	449

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 57K 220V L57 1xLED 30

1 x 14935 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

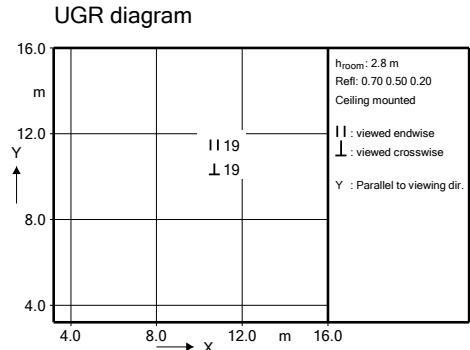
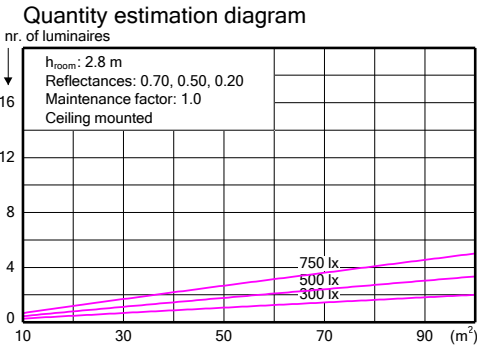
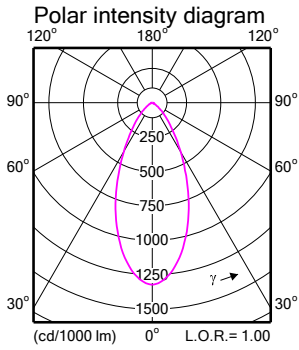
Plane Cone	0.0	45.0	90.0
45.0	15240	11411	10897
50.0	12228	8795	8355
55.0	9511	6541	6179
60.0	7145	4668	4382
65.0	5330	3277	3056
70.0	3757	2145	1985
75.0	2804	1457	1336
80.0	2260	1034	939
85.0	2005	762	683
90.0	2397	668	589

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 57K 220V L57 1xLED 45

1 x 14420 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

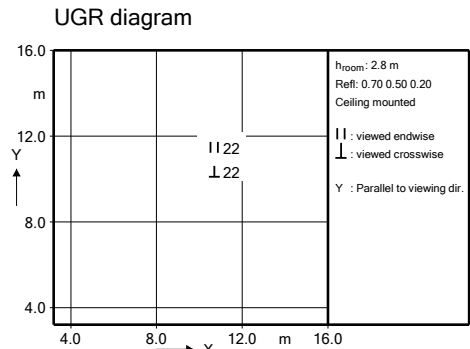
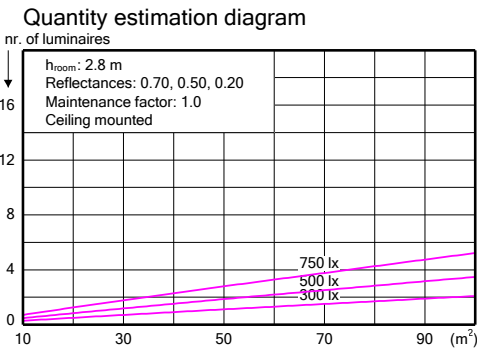
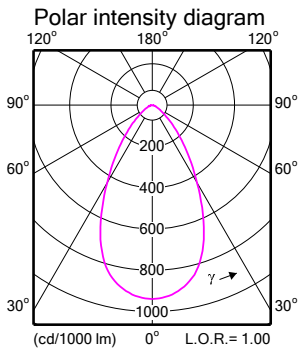
Plane Cone	0.0	45.0	90.0
45.0	28338	21217	20262
50.0	19332	13906	13210
55.0	12779	8788	8302
60.0	8100	5291	4968
65.0	4813	2959	2759
70.0	2256	1288	1192
75.0	1308	679	623
80.0	1376	630	571
85.0	1595	606	543
90.0	2193	612	539

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 57K 220V L57 1xLED 60

1 x 14080 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

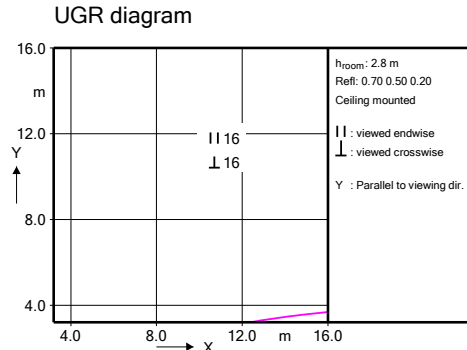
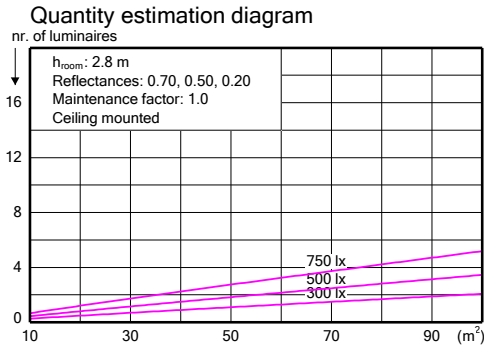
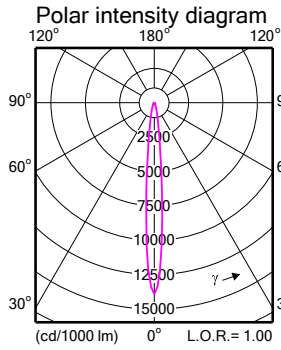
Plane Cone	0.0	45.0	90.0
45.0	32850	24595	23488
50.0	22706	16332	15515
55.0	15795	10862	10261
60.0	11692	7638	7171
65.0	8707	5353	4992
70.0	6082	3472	3213
75.0	4123	2142	1965
80.0	2984	1366	1239
85.0	2257	858	769
90.0	2366	660	581

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 65K 220V L57 1xLED 10

1 x 13735 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

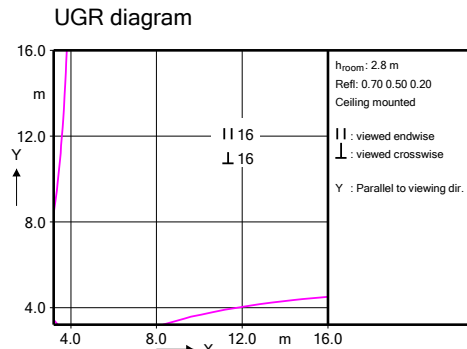
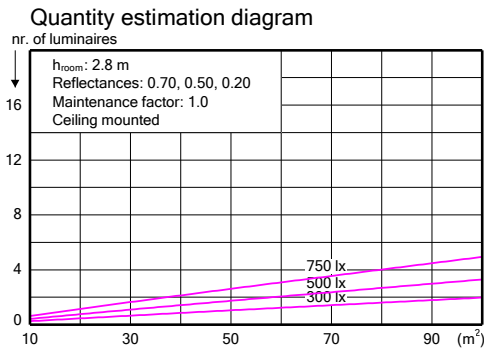
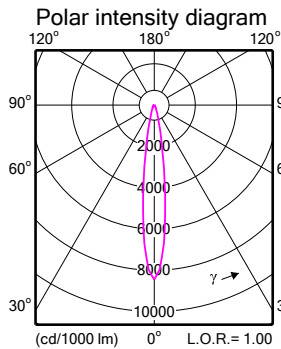
Plane Cone	0.0	45.0	90.0
45.0	13065	9782	9342
50.0	9804	7052	6699
55.0	7085	4873	4603
60.0	5012	3274	3074
65.0	3425	2106	1964
70.0	2117	1209	1118
75.0	1598	830	762
80.0	1129	591	548
85.0	855	425	396
90.0	628	312	291

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 65K 220V L57 1xLED 15

1 x 14420 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

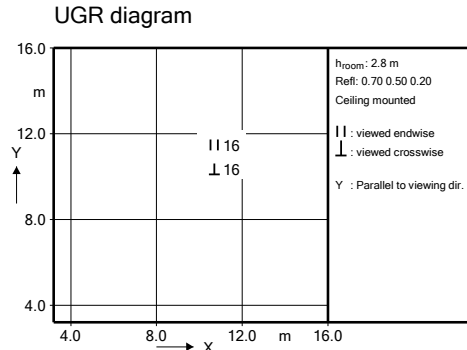
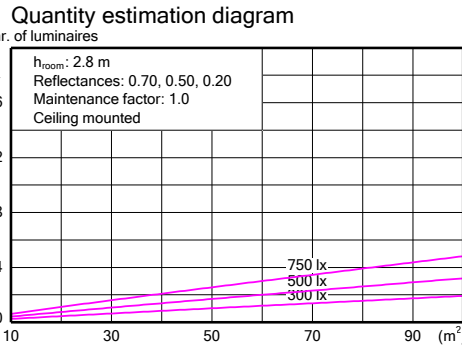
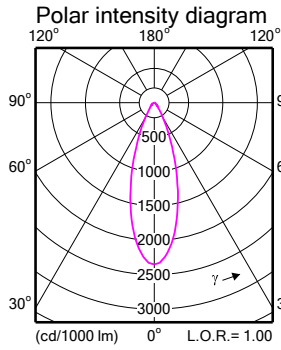
Plane Cone	0.0	45.0	90.0
45.0	13094	9804	9362
50.0	10068	7242	6880
55.0	7536	5183	4896
60.0	5305	3465	3254
65.0	3598	2212	2063
70.0	2200	1256	1162
75.0	1545	803	736
80.0	1072	563	511
85.0	792	408	374
90.0	580	296	271

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 65K 220V L57 1xLED 30

1 x 14935 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

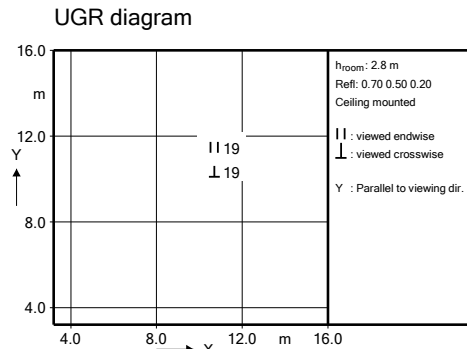
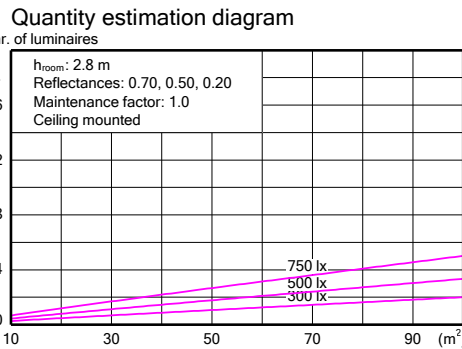
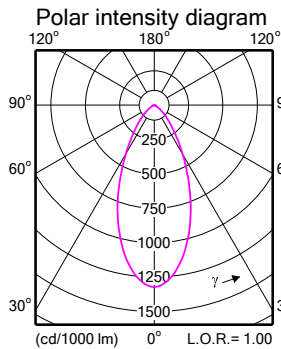
Plane Cone	0.0	45.0	90.0
45.0	15240	11411	10897
50.0	12228	8795	8355
55.0	9511	6541	6179
60.0	7145	4668	4382
65.0	5330	3277	3056
70.0	3757	2145	1985
75.0	2804	1457	1336
80.0	2260	1034	939
85.0	2005	762	683
90.0	2397	668	589

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED 65K 220V L57 1xLED 45

1 x 14420 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28338	21217	20262
50.0	19332	13906	13210
55.0	12779	8788	8302
60.0	8100	5291	4968
65.0	4813	2959	2759
70.0	2256	1288	1192
75.0	1308	679	623
80.0	1376	630	571
85.0	1595	606	543
90.0	2193	612	539

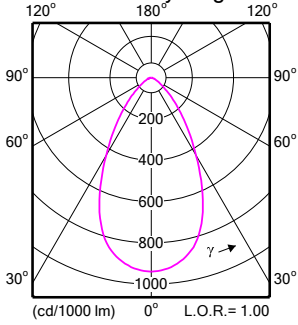
(cd/m<sup>2</sup>)

2021-08-30

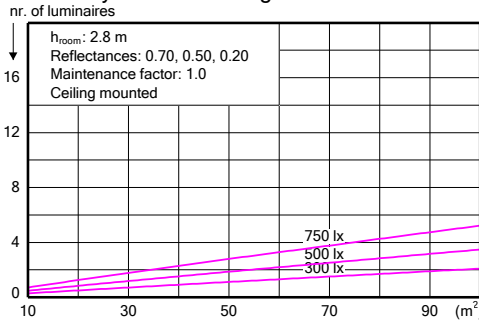
BVP359 S 72LED 65K 220V L57 1xLED 60

1 x 14080 lm

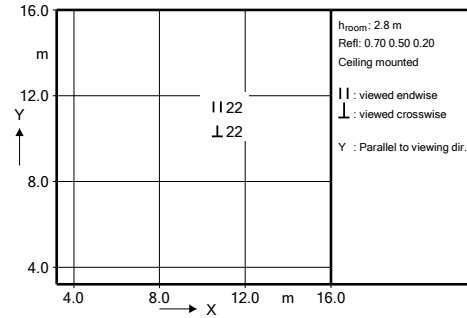
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	32850	24595	23488
50.0	22706	16332	15515
55.0	15795	10862	10261
60.0	11692	7638	7171
65.0	8707	5353	4992
70.0	6082	3472	3213
75.0	4123	2142	1965
80.0	2984	1366	1239
85.0	2257	858	769
90.0	2366	660	581

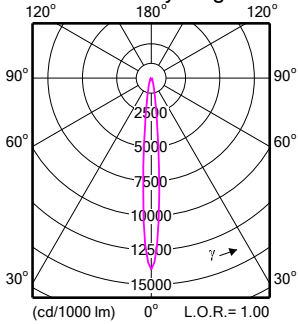
(cd/m2)

2021-08-30

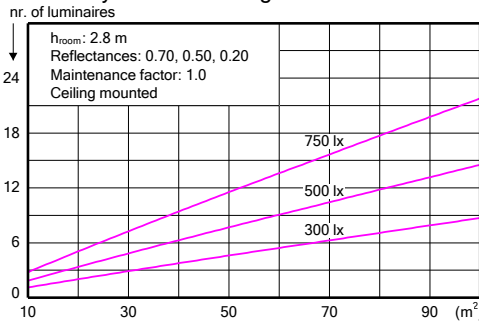
BVP359 S 72LED BL 220V L57 1xLED 10

1 x 3270 lm

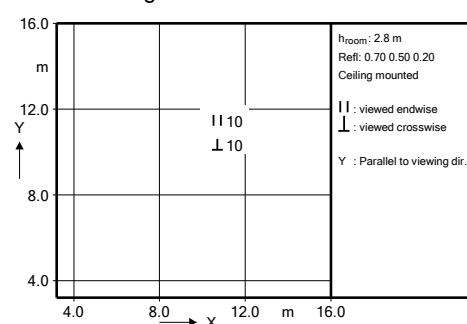
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

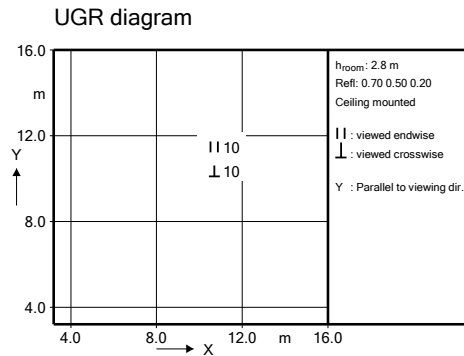
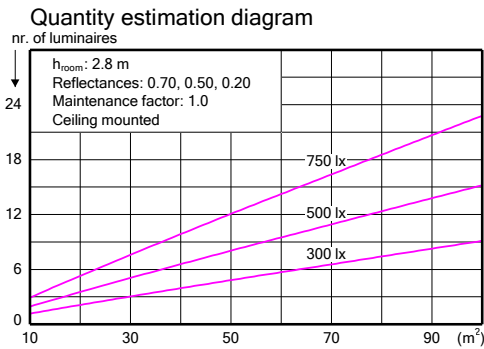
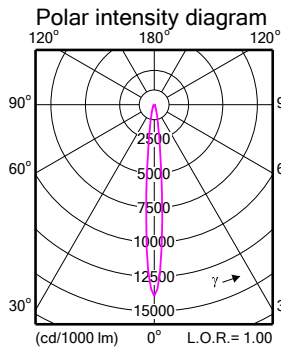
Plane Cone	0.0	45.0	90.0
45.0	3111	2329	2224
50.0	2334	1679	1595
55.0	1687	1160	1096
60.0	1193	779	732
65.0	815	501	468
70.0	504	288	266
75.0	380	198	181
80.0	412	188	171
85.0	442	168	150
90.0	602	168	148

(cd/m2)

2021-08-30

**BVP359 S 72LED BL 220V L57 DMX 1xLED 10**

1 x 3125 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

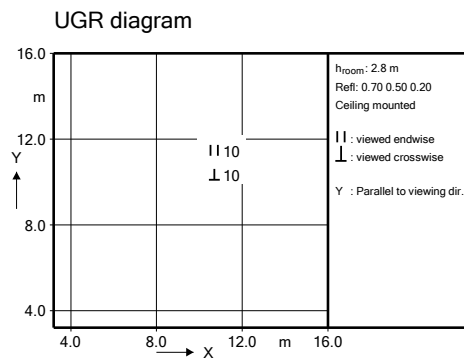
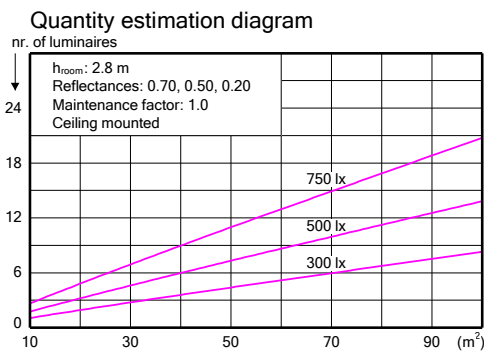
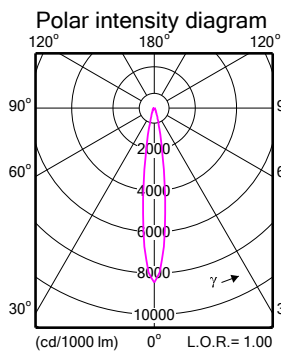
Plane Cone	0.0	45.0	90.0
45.0	2973	2226	2125
50.0	2231	1604	1524
55.0	1612	1109	1047
60.0	1140	745	699
65.0	779	479	447
70.0	482	275	254
75.0	364	189	173
80.0	393	180	163
85.0	422	160	144
90.0	575	160	141

(cd/m2)

2021-08-30

**BVP359 S 72LED BL 220V L57 1xLED 15**

1 x 3435 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3119	2335	2230
50.0	2398	1725	1639
55.0	1795	1235	1166
60.0	1264	825	775
65.0	857	527	491
70.0	524	299	277
75.0	368	191	175
80.0	351	160	146
85.0	351	133	119
90.0	436	122	107

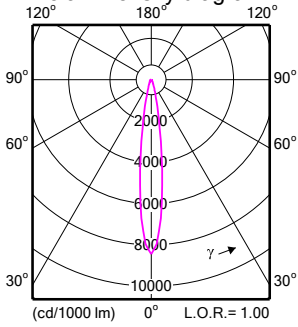
(cd/m2)

2021-08-30

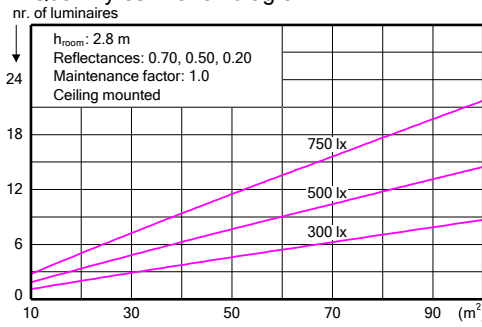
BVP359 S 72LED BL 220V L57 DMX 1xLED 15

1 x 3280 lm

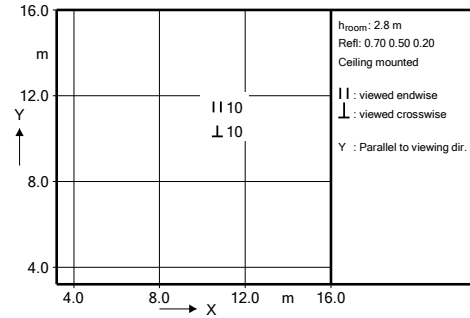
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2978	2230	2130
50.0	2290	1647	1565
55.0	1714	1179	1114
60.0	1207	788	740
65.0	818	503	469
70.0	500	286	264
75.0	351	183	168
80.0	335	153	139
85.0	335	127	114
90.0	416	116	102

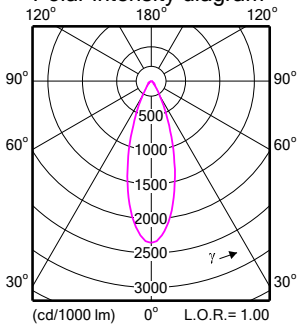
(cd/m2)

2021-08-30

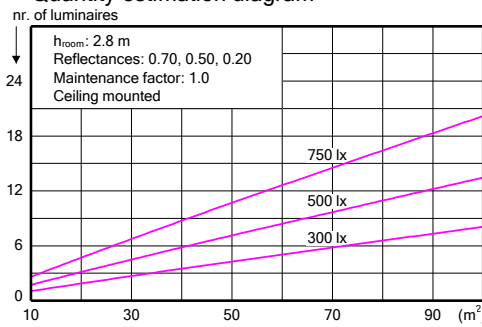
BVP359 S 72LED BL 220V L57 1xLED 30

1 x 3560 lm

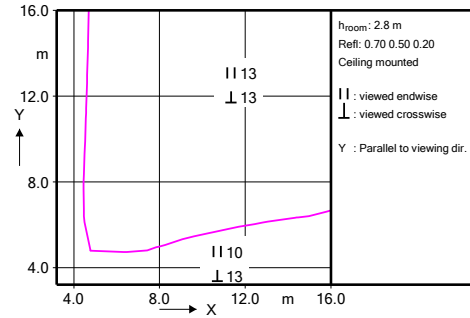
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

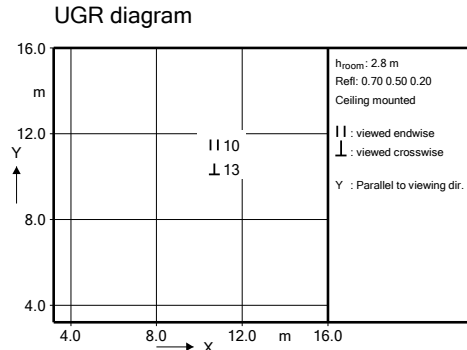
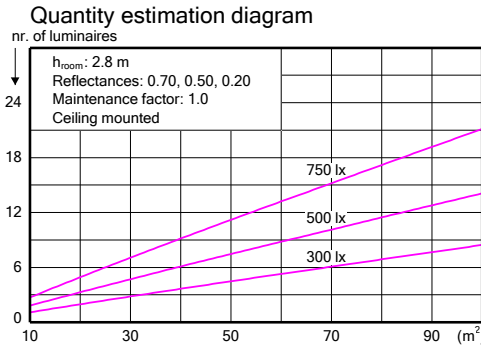
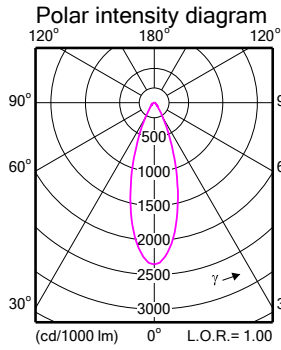
Plane Cone	0.0	45.0	90.0
45.0	3633	2720	2597
50.0	2915	2097	1992
55.0	2267	1559	1473
60.0	1703	1113	1045
65.0	1271	781	728
70.0	896	511	473
75.0	668	347	319
80.0	539	247	224
85.0	478	182	163
90.0	571	159	140

(cd/m2)

2021-08-30

BVP359 S 72LED BL 220V L57 DMX 1xLED 30

1 x 3400 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

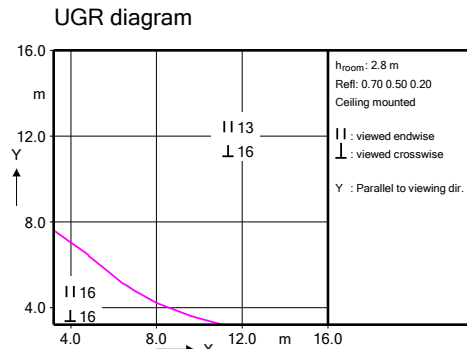
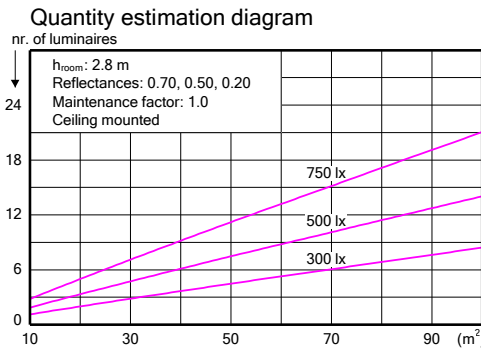
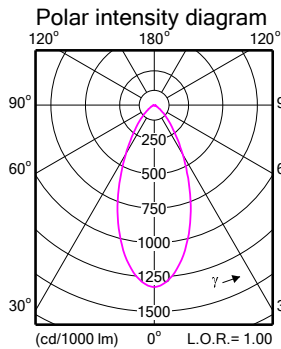
Plane Cone	0.0	45.0	90.0
45.0	3469	2598	2481
50.0	2784	2002	1902
55.0	2165	1489	1407
60.0	1627	1063	998
65.0	1213	746	696
70.0	855	488	452
75.0	638	332	304
80.0	514	235	214
85.0	456	174	155
90.0	546	152	134

(cd/m2)

2021-08-30

BVP359 S 72LED BL 220V L57 1xLED 45

1 x 3435 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6750	5054	4827
50.0	4605	3313	3147
55.0	3044	2093	1978
60.0	1929	1260	1183
65.0	1146	705	657
70.0	537	307	284
75.0	311	162	148
80.0	328	150	136
85.0	380	144	129
90.0	522	146	128

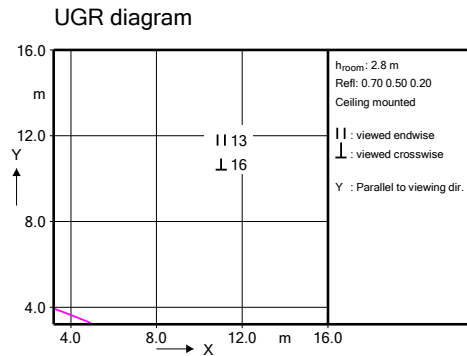
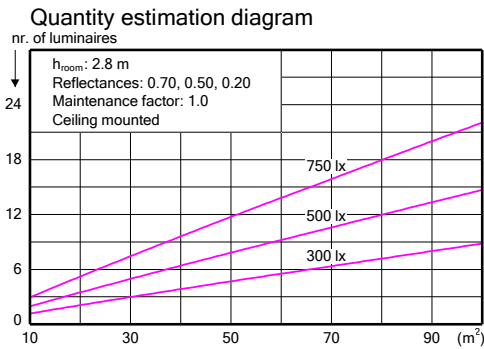
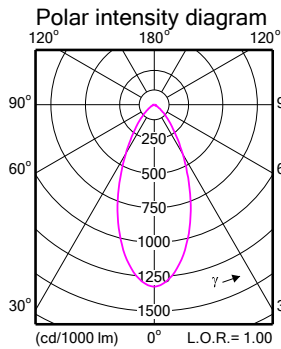
(cd/m2)

2021-08-30



BVP359 S 72LED BL 220V L57 DMX 1xLED 45

1 x 3280 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

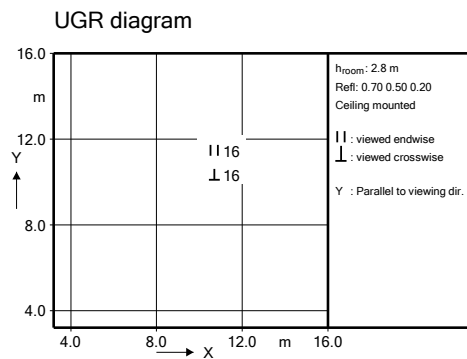
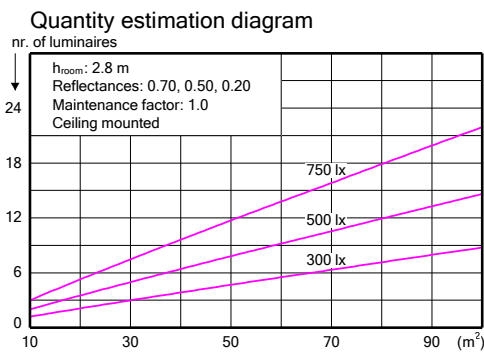
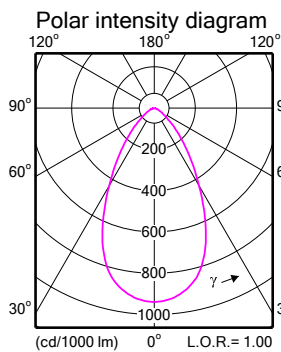
Plane Cone	0.0	45.0	90.0
45.0	6446	4826	4609
50.0	4397	3163	3005
55.0	2907	1999	1888
60.0	1842	1203	1130
65.0	1095	673	628
70.0	513	293	271
75.0	297	155	142
80.0	313	143	130
85.0	363	138	124
90.0	499	139	123

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED BL 220V L57 1xLED 60

1 x 3355 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 16  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

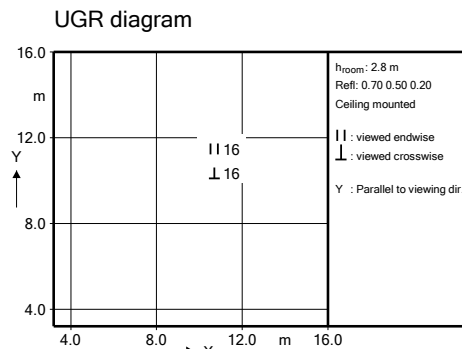
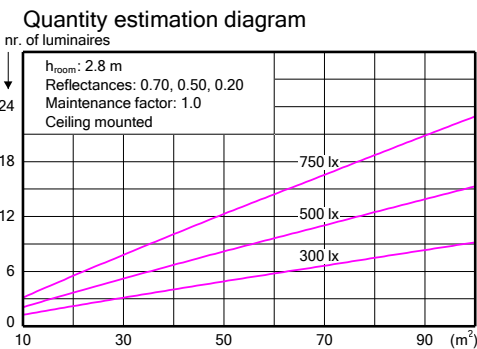
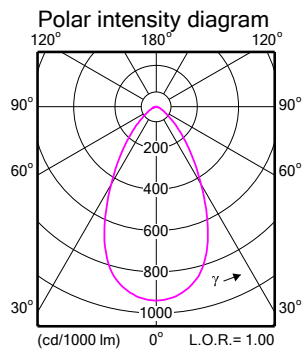
Plane Cone	0.0	45.0	90.0
45.0	7827	5861	5597
50.0	5410	3892	3697
55.0	3764	2588	2445
60.0	2786	1820	1709
65.0	2075	1275	1189
70.0	1449	827	766
75.0	983	511	468
80.0	711	325	295
85.0	538	204	183
90.0	564	157	138

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED BL 220V L57 DMX 1xLED 60

1 x 3205 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

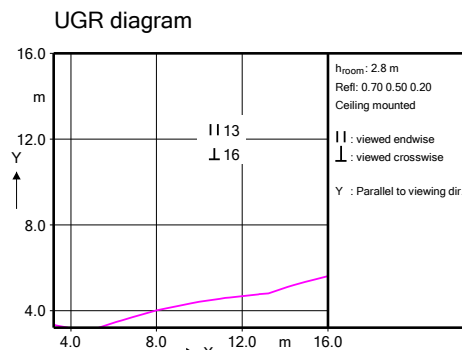
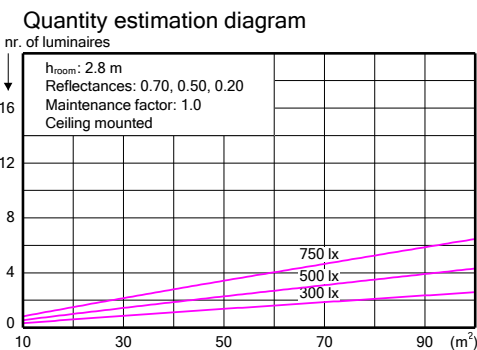
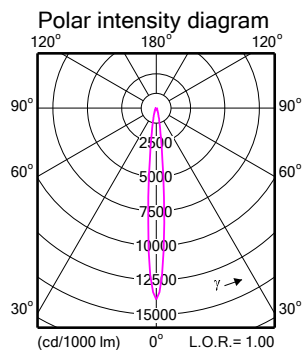
Plane Cone	0.0	45.0	90.0
45.0	7477	5599	5346
50.0	5169	3718	3532
55.0	3595	2473	2336
60.0	2661	1739	1632
65.0	1982	1218	1136
70.0	1384	790	731
75.0	939	488	447
80.0	679	311	282
85.0	514	195	175
90.0	539	150	132

(cd/m2)

2021-08-30

BVP359 S 72LED GN 220V L57 1xLED 10

1 x 11015 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

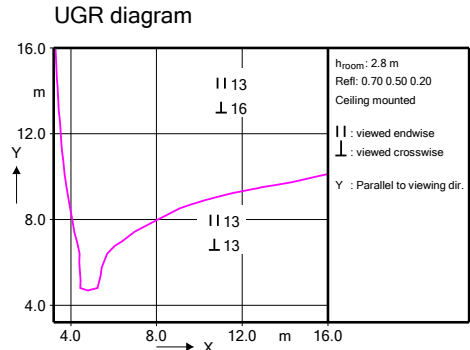
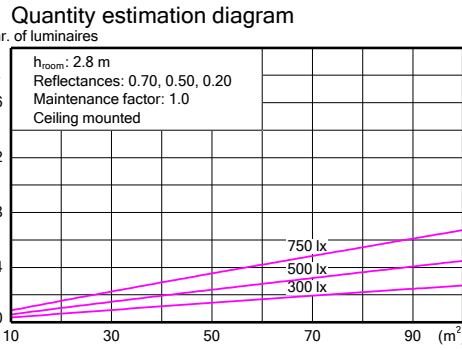
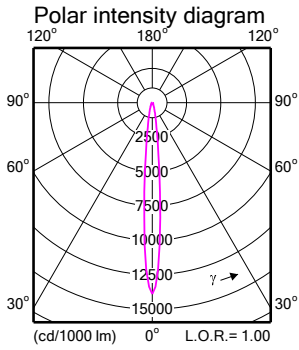
Plane Cone	0.0	45.0	90.0
45.0	10478	7845	7492
50.0	7862	5655	5372
55.0	5682	3908	3691
60.0	4019	2626	2465
65.0	2747	1689	1575
70.0	1698	969	897
75.0	1281	666	611
80.0	1387	635	576
85.0	1487	566	507
90.0	2027	565	498

(cd/m2)

2021-08-30

BVP359 S 72LED GN 220V L57 DMX 1xLED 10

1 x 10595 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

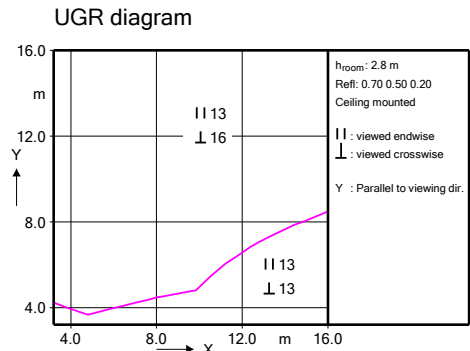
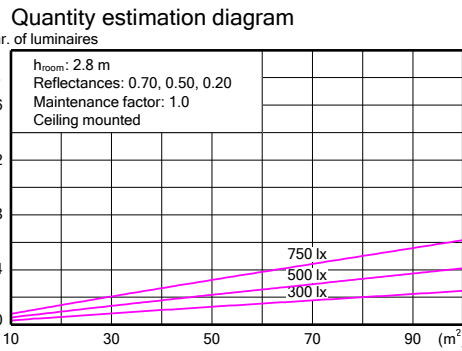
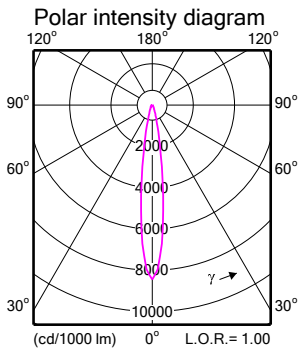
Plane Cone	0.0	45.0	90.0
45.0	10078	7546	7206
50.0	7563	5440	5168
55.0	5466	3759	3551
60.0	3866	2525	2371
65.0	2642	1624	1515
70.0	1633	932	863
75.0	1233	640	587
80.0	1334	610	554
85.0	1431	544	487
90.0	1950	544	479

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 1xLED 15

1 x 11565 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

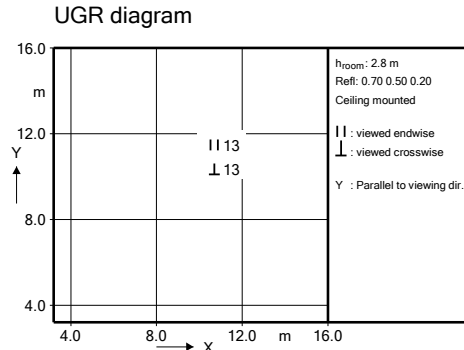
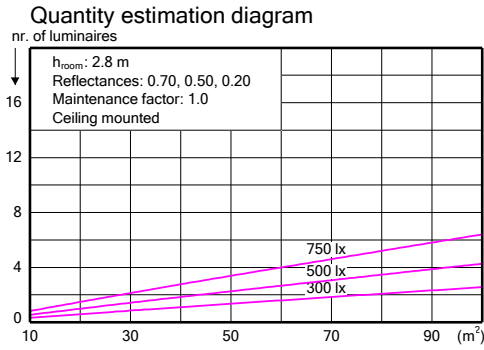
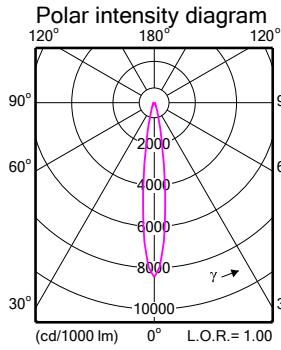
Plane Cone	0.0	45.0	90.0
45.0	10502	7863	7509
50.0	8075	5808	5518
55.0	6044	4157	3927
60.0	4255	2779	2609
65.0	2885	1774	1654
70.0	1764	1007	932
75.0	1239	644	591
80.0	1180	540	490
85.0	1180	449	402
90.0	1467	409	360

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 DMX 1xLED 15

1 x 11125 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

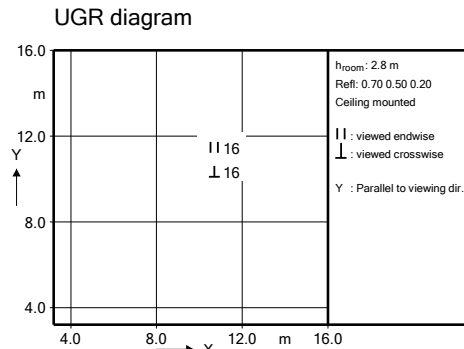
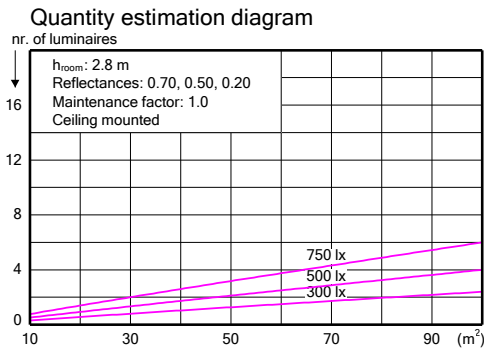
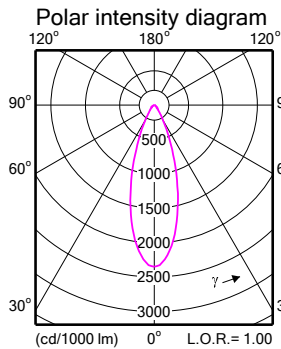
Plane Cone	0.0	45.0	90.0
45.0	10102	7564	7223
50.0	7768	5587	5308
55.0	5814	3999	3777
60.0	4093	2674	2510
65.0	2776	1706	1591
70.0	1697	969	897
75.0	1192	619	568
80.0	1135	520	472
85.0	1136	432	387
90.0	1412	394	347

(cd/m2)

2021-08-30

BVP359 S 72LED GN 220V L57 1xLED 30

1 x 11980 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

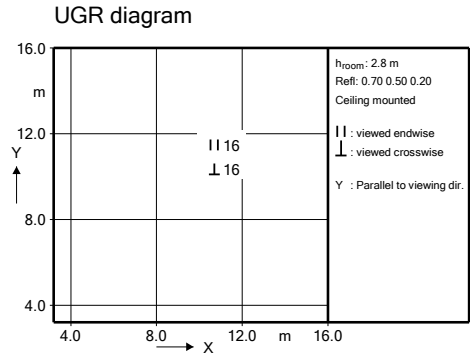
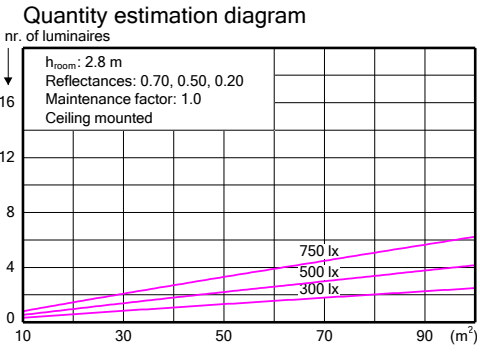
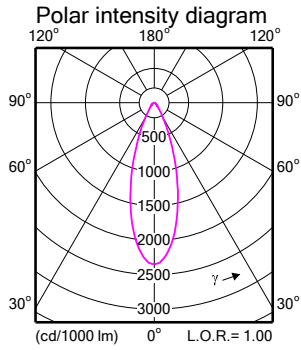
Plane Cone	0.0	45.0	90.0
45.0	12224	9153	8741
50.0	9808	7055	6702
55.0	7629	5247	4956
60.0	5732	3744	3515
65.0	4275	2628	2451
70.0	3014	1721	1592
75.0	2249	1169	1072
80.0	1813	830	753
85.0	1608	612	548
90.0	1923	536	472

(cd/m2)

2021-08-30

BVP359 S 72LED GN 220V L57 DMX 1xLED 30

1 x 11525 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

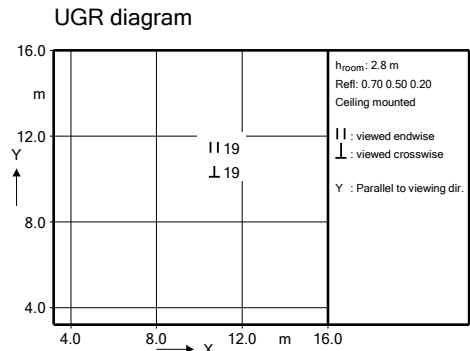
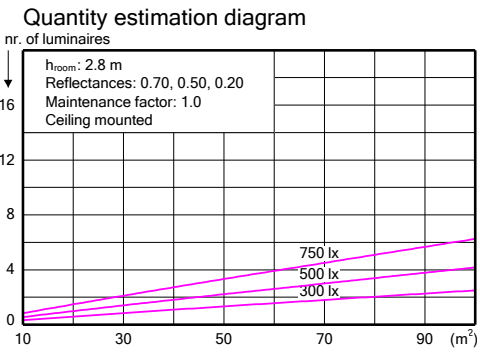
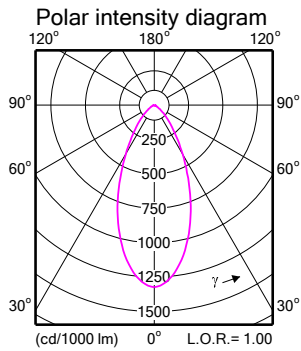
Plane Cone	0.0	45.0	90.0
45.0	11760	8805	8409
50.0	9436	6787	6448
55.0	7339	5047	4768
60.0	5514	3602	3382
65.0	4113	2529	2358
70.0	2900	1655	1532
75.0	2164	1124	1031
80.0	1744	798	724
85.0	1547	588	527
90.0	1850	516	454

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 1xLED 45

1 x 11565 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

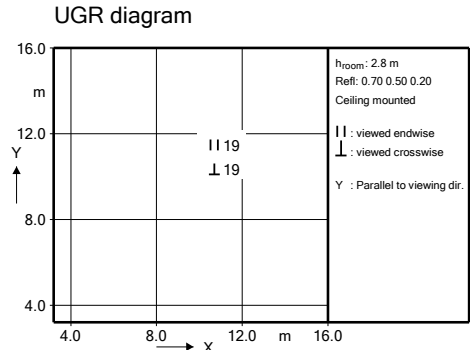
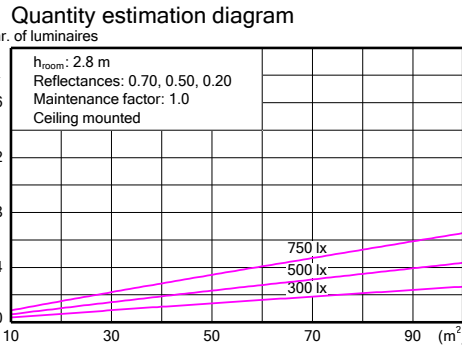
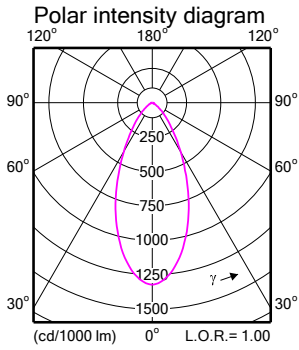
Plane Cone	0.0	45.0	90.0
45.0	22727	17017	16250
50.0	15505	11153	10594
55.0	10249	7048	6658
60.0	6496	4243	3984
65.0	3860	2373	2213
70.0	1809	1033	956
75.0	1049	545	500
80.0	1103	505	458
85.0	1279	486	436
90.0	1759	491	432

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 DMX 1xLED 45

1 x 11125 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

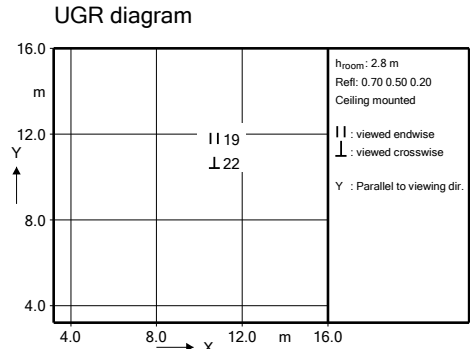
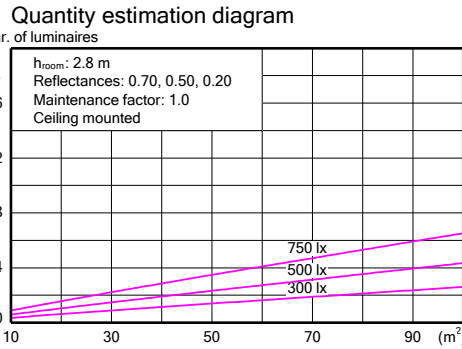
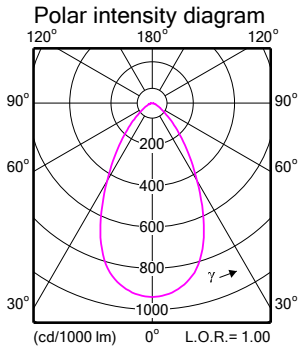
Plane Cone	0.0	45.0	90.0
45.0	21863	16369	15632
50.0	14915	10728	10191
55.0	9859	6780	6405
60.0	6249	4082	3833
65.0	3713	2283	2129
70.0	1741	994	920
75.0	1009	524	481
80.0	1061	486	441
85.0	1230	468	419
90.0	1692	472	416

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 1xLED 60

1 x 11290 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

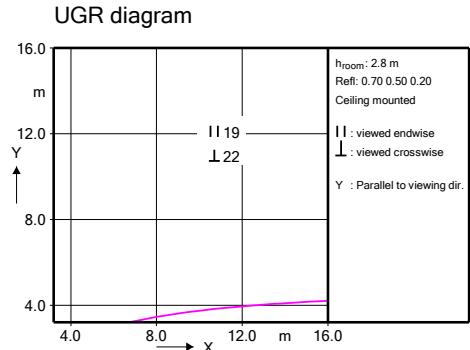
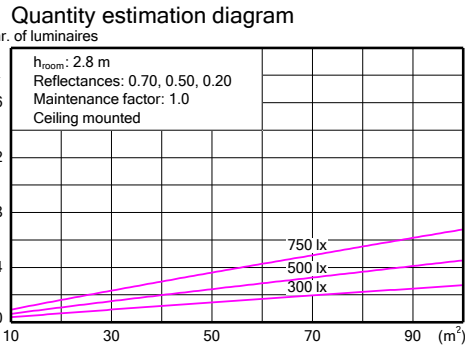
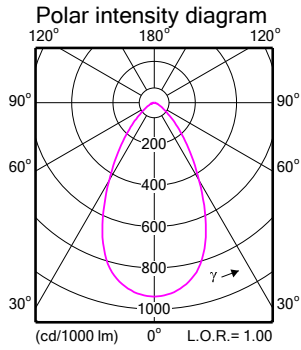
Plane Cone	0.0	45.0	90.0
45.0	26340	19722	18834
50.0	18207	13096	12441
55.0	12665	8710	8228
60.0	9375	6124	5750
65.0	6982	4292	4003
70.0	4877	2784	2577
75.0	3306	1718	1576
80.0	2393	1095	994
85.0	1810	688	616
90.0	1897	529	466

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED GN 220V L57 DMX 1xLED 60

1 x 10860 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

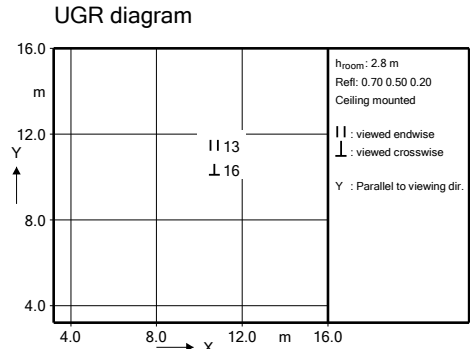
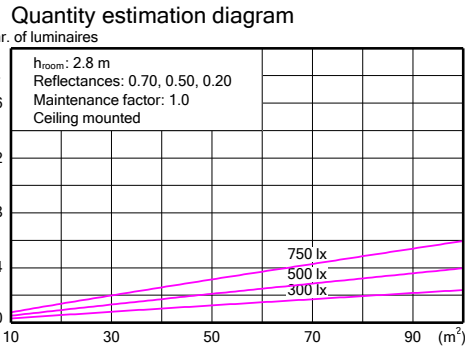
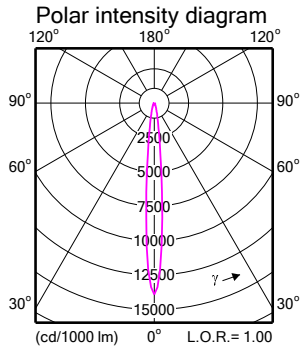
Plane Cone	0.0	45.0	90.0
45.0	25337	18971	18116
50.0	17513	12597	11967
55.0	12182	8378	7914
60.0	9018	5891	5531
65.0	6716	4129	3850
70.0	4691	2678	2479
75.0	3180	1653	1516
80.0	2301	1053	956
85.0	1741	662	593
90.0	1825	509	448

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED TW 220V L57 DMX 1xLED 10

1 x 11965 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

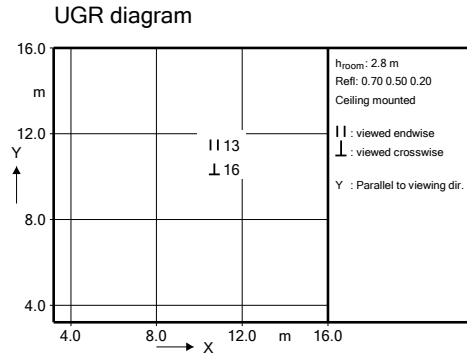
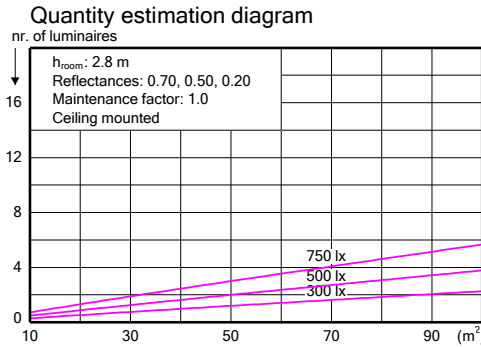
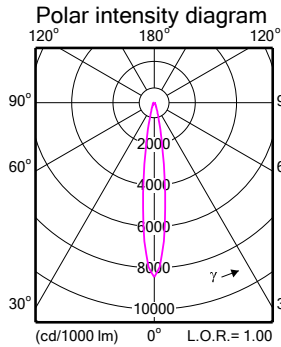
Plane Cone	0.0	45.0	90.0
45.0	11382	8522	8138
50.0	8540	6143	5836
55.0	6172	4245	4010
60.0	4366	2852	2678
65.0	2984	1834	1711
70.0	1844	1053	974
75.0	1392	723	663
80.0	1006	489	456
85.0	761	344	320
90.0	792	264	241

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED TW 220V L57 DMX 1xLED 15

1 x 12565 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

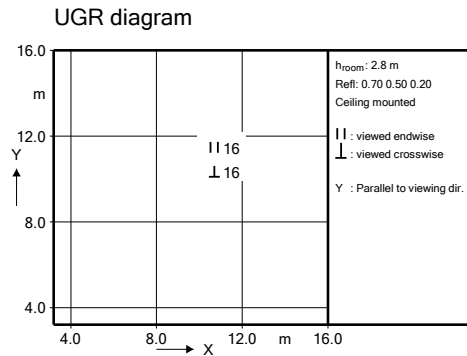
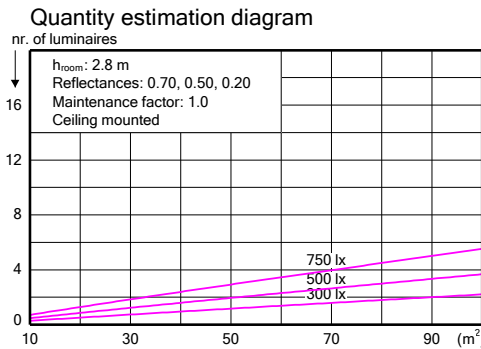
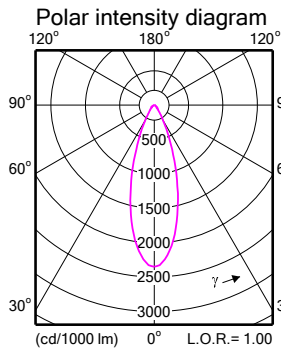
Plane Cone	0.0	45.0	90.0
45.0	11410	8543	8158
50.0	8773	6311	5995
55.0	6567	4516	4266
60.0	4622	3020	2835
65.0	3135	1927	1797
70.0	1917	1094	1013
75.0	1346	700	642
80.0	1282	587	533
85.0	1283	488	437
90.0	1594	445	392

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED TW 220V L57 DMX 1xLED 30

1 x 13010 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13276	9940	9492
50.0	10652	7662	7278
55.0	8285	5698	5382
60.0	6224	4066	3818
65.0	4643	2854	2662
70.0	3273	1869	1729
75.0	2442	1269	1164
80.0	1969	901	818
85.0	1746	664	595
90.0	2088	582	513

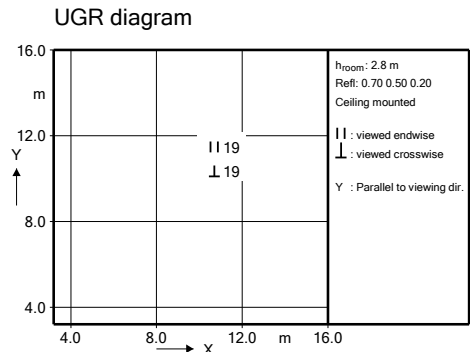
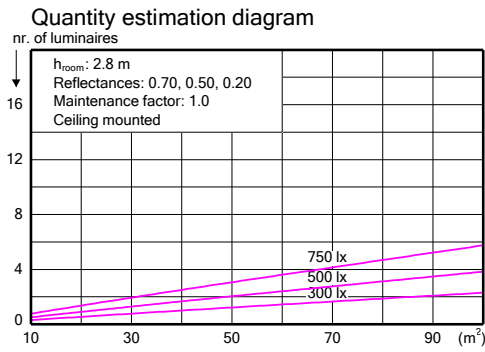
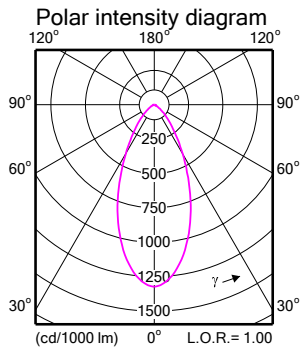
(cd/m<sup>2</sup>)

2021-08-30



BVP359 S 72LED TW 220V L57 DMX 1xLED 45

1 x 12565 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

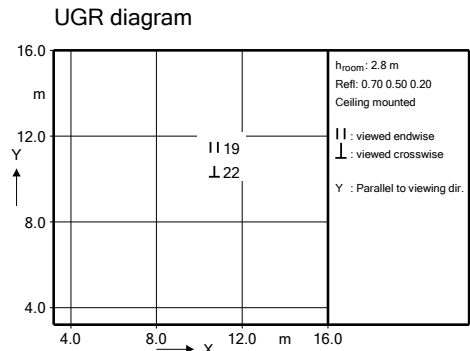
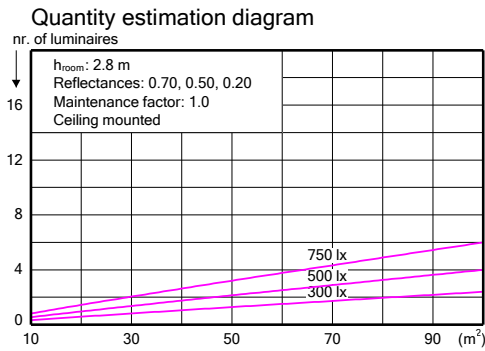
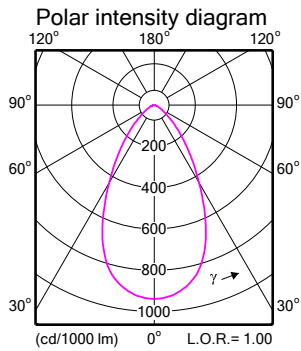
Plane Cone	0.0	45.0	90.0
45.0	24692	18488	17655
50.0	16845	12117	11511
55.0	11135	7658	7234
60.0	7058	4610	4329
65.0	4194	2578	2404
70.0	1966	1122	1039
75.0	1139	592	543
80.0	1199	549	498
85.0	1389	528	473
90.0	1911	533	469

(cd/m<sup>2</sup>)

2021-08-30

BVP359 S 72LED TW 220V L57 DMX 1xLED 60

1 x 12265 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

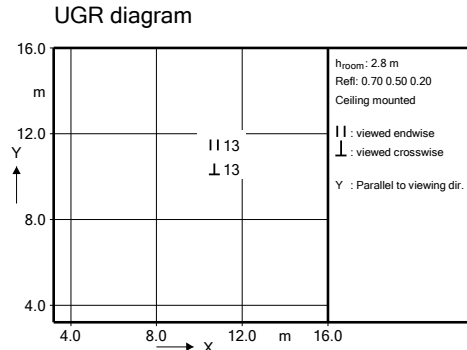
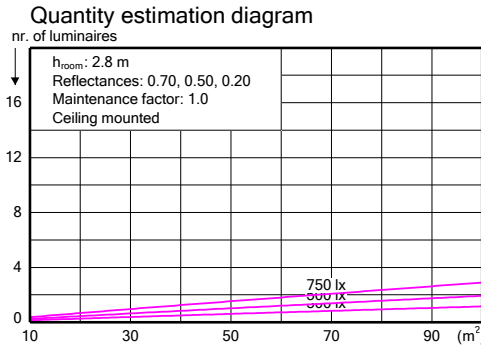
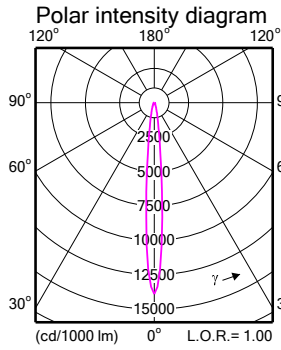
Plane Cone	0.0	45.0	90.0
45.0	28615	21425	20460
50.0	19779	14227	13515
55.0	13759	9462	8938
60.0	10185	6653	6246
65.0	7585	4663	4348
70.0	5298	3025	2799
75.0	3592	1866	1712
80.0	2599	1190	1080
85.0	1966	748	670
90.0	2061	575	506

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 22K 220V L50 1xLED 10

1 x 24610 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

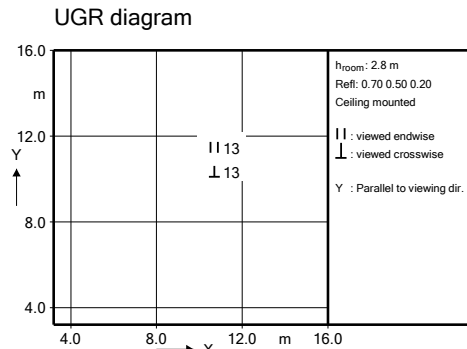
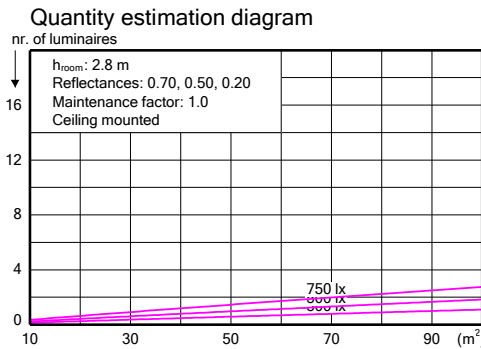
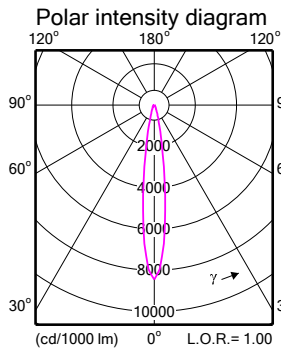
Plane Cone	0.0	45.0	90.0
45.0	7677	7209	7626
50.0	5744	5342	5700
55.0	4137	3805	4100
60.0	2915	2646	2884
65.0	1982	1771	1958
70.0	1217	1065	1199
75.0	910	776	894
80.0	972	797	951
85.0	1020	787	990
90.0	1327	917	1268

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 22K 220V L50 1xLED 15

1 x 25840 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 13  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

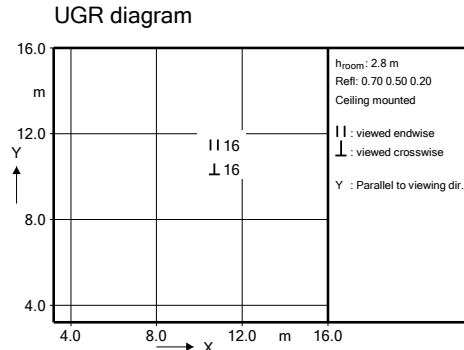
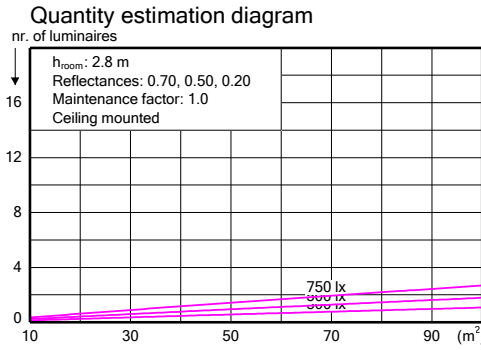
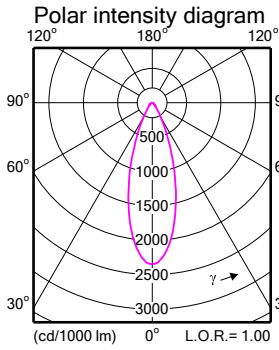
Plane Cone	0.0	45.0	90.0
45.0	7695	7226	7644
50.0	5899	5487	5854
55.0	4401	4048	4362
60.0	3085	2801	3053
65.0	2082	1860	2057
70.0	1265	1107	1247
75.0	880	750	865
80.0	827	679	809
85.0	809	625	785
90.0	960	664	918

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 22K 220V L50 1xLED 30

1 x 26760 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

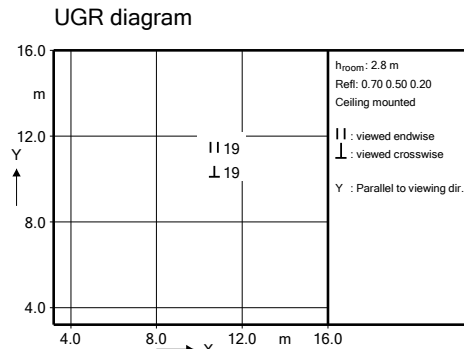
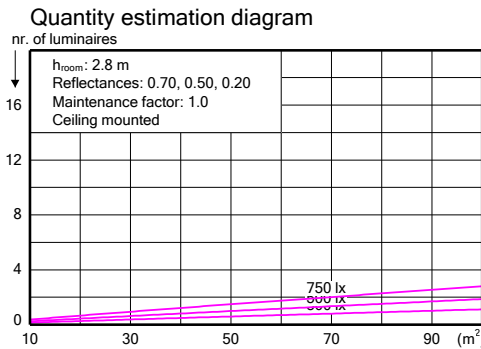
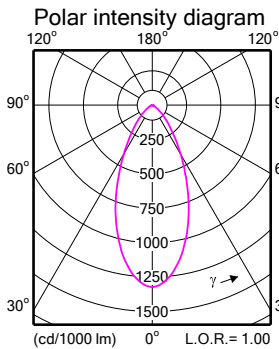
Plane Cone	0.0	45.0	90.0
45.0	8955	8409	8895
50.0	7164	6663	7109
55.0	5553	5108	5504
60.0	4155	3772	4112
65.0	3084	2755	3047
70.0	2160	1891	2129
75.0	1597	1361	1569
80.0	1270	1042	1242
85.0	1102	851	1070
90.0	1258	870	1203

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 22K 220V L50 1xLED 45

1 x 25840 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

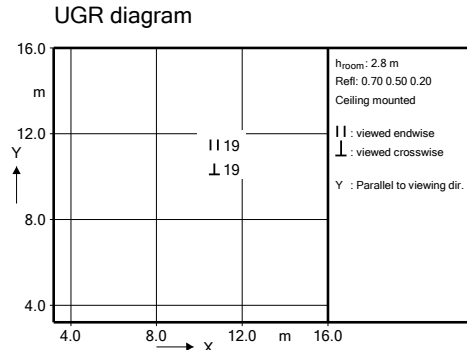
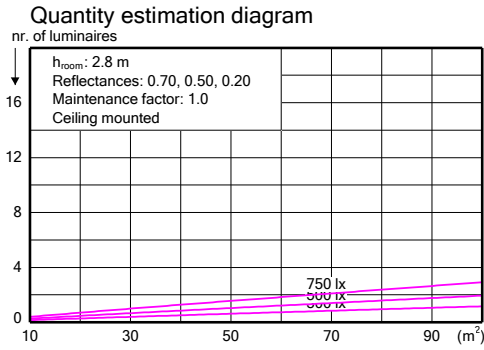
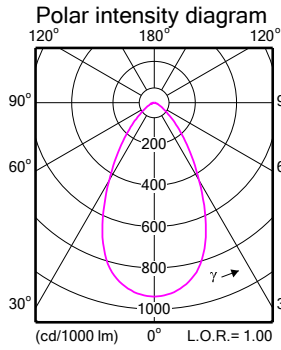
Plane Cone	0.0	45.0	90.0
45.0	16652	15637	16542
50.0	11328	10535	11240
55.0	7462	6863	7396
60.0	4711	4276	4662
65.0	2785	2488	2751
70.0	1297	1136	1278
75.0	745	635	732
80.0	773	634	756
85.0	877	677	851
90.0	1151	796	1100

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 22K 220V L50 1xLED 60

1 x 25225 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

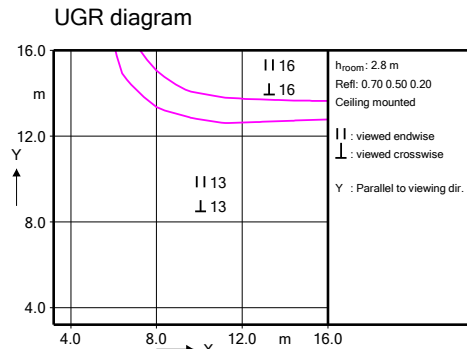
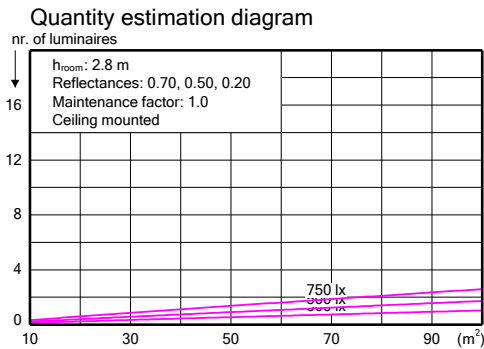
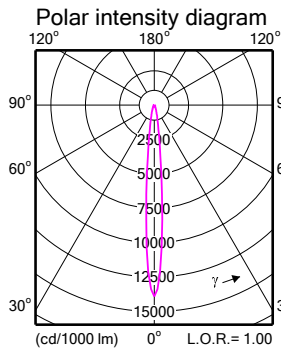
Plane Cone	0.0	45.0	90.0
45.0	19299	18123	19171
50.0	13301	12370	13199
55.0	9221	8481	9139
60.0	6798	6171	6728
65.0	5038	4500	4976
70.0	3496	3061	3445
75.0	2349	2002	2308
80.0	1677	1376	1640
85.0	1241	958	1204
90.0	1242	858	1187

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 27K 220V L50 1xLED 10

1 x 27450 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

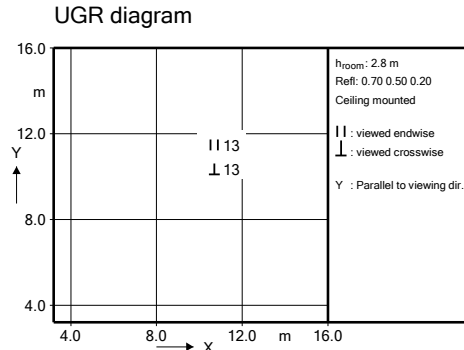
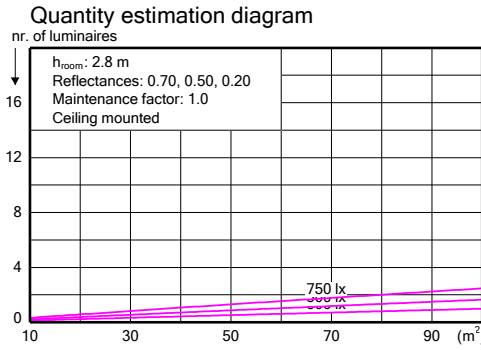
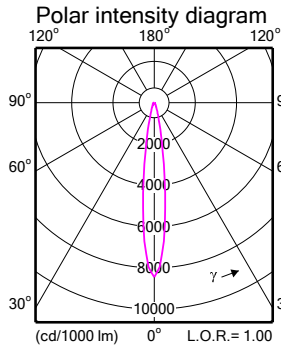
Plane Cone	0.0	45.0	90.0
45.0	8563	8041	8506
50.0	6407	5958	6357
55.0	4615	4244	4573
60.0	3251	2951	3217
65.0	2211	1975	2184
70.0	1357	1188	1338
75.0	1015	865	998
80.0	1084	889	1060
85.0	1137	878	1104
90.0	1480	1023	1414

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 27K 220V L50 1xLED 15

1 x 28820 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

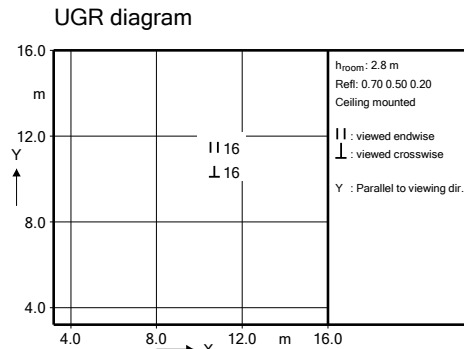
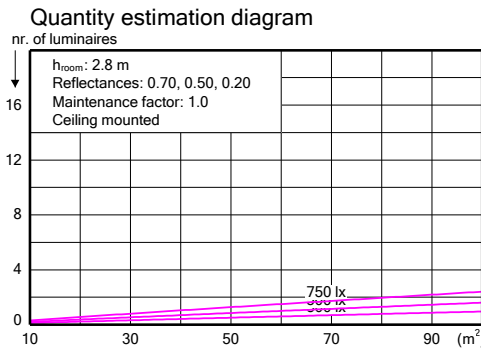
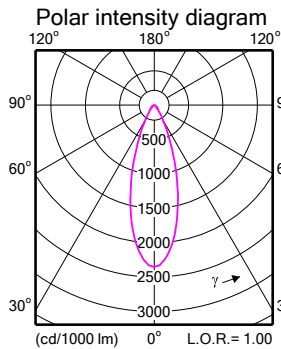
Plane Cone	0.0	45.0	90.0
45.0	8582	8059	8525
50.0	6580	6119	6529
55.0	4908	4514	4865
60.0	3441	3124	3406
65.0	2322	2074	2294
70.0	1411	1235	1390
75.0	982	837	965
80.0	923	757	902
85.0	903	697	876
90.0	1071	740	1024

(cd/m2)

2021-08-30

BVP359 T 180LED 27K 220V L50 1xLED 30

1 x 29850 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

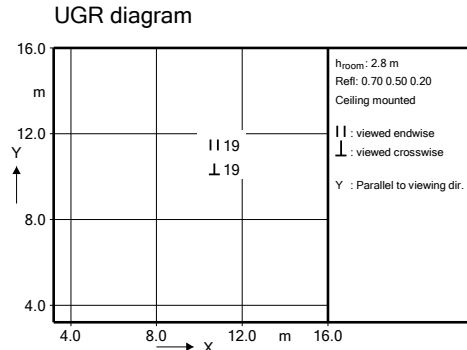
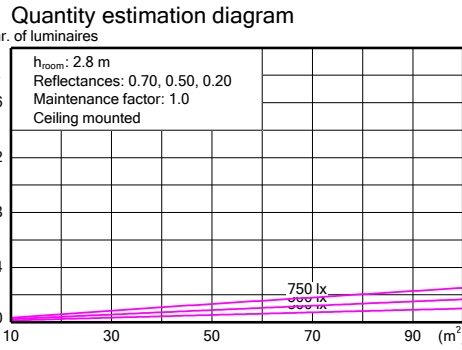
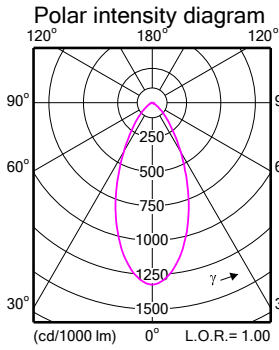
Plane Cone	0.0	45.0	90.0
45.0	9989	9380	9922
50.0	7991	7432	7930
55.0	6195	5697	6139
60.0	4635	4208	4587
65.0	3440	3073	3398
70.0	2409	2109	2375
75.0	1782	1518	1751
80.0	1417	1162	1386
85.0	1229	949	1193
90.0	1403	970	1341

(cd/m2)

2021-08-30

BVP359 T 180LED 27K 220V L50 1xLED 45

1 x 28820 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

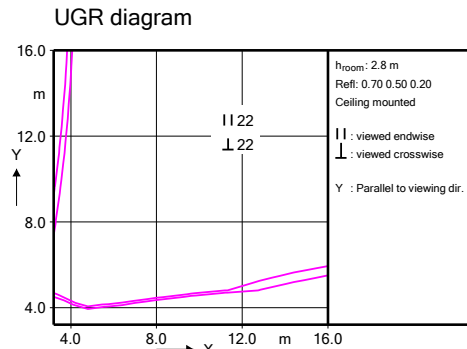
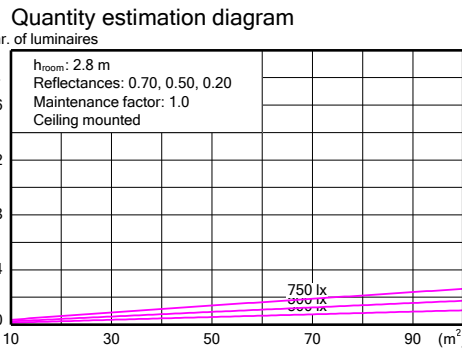
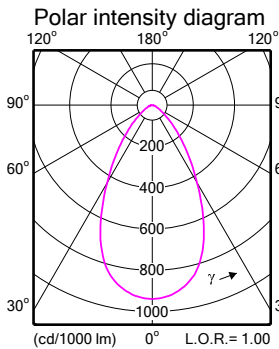
Plane Cone	0.0	45.0	90.0
45.0	18573	17441	18450
50.0	12634	11750	12537
55.0	8323	7655	8249
60.0	5254	4769	5200
65.0	3106	2775	3068
70.0	1447	1267	1426
75.0	831	708	816
80.0	863	708	844
85.0	978	755	949
90.0	1284	887	1227

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 27K 220V L50 1xLED 60

1 x 28135 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

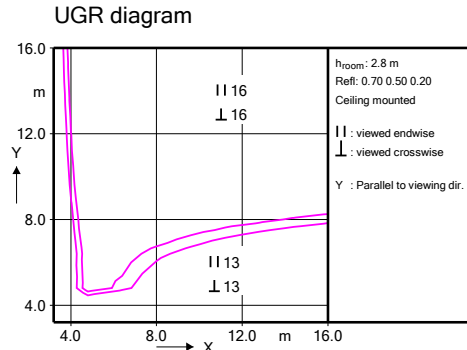
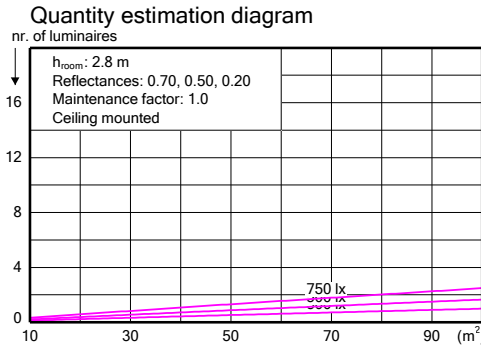
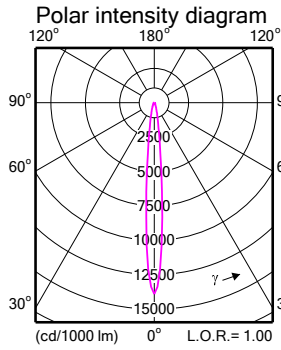
Plane Cone	0.0	45.0	90.0
45.0	21526	20214	21383
50.0	14836	13797	14722
55.0	10285	9460	10193
60.0	7583	6883	7504
65.0	5619	5020	5550
70.0	3899	3414	3843
75.0	2620	2233	2574
80.0	1871	1534	1829
85.0	1384	1069	1343
90.0	1385	957	1324

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 30K 220V L50 1xLED 10

1 x 28630 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

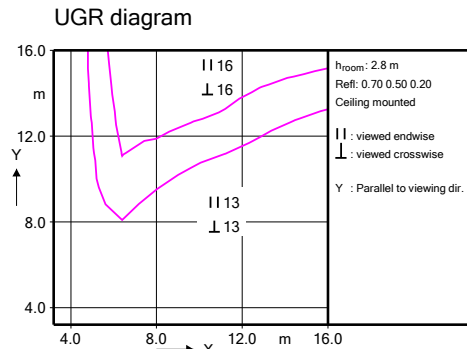
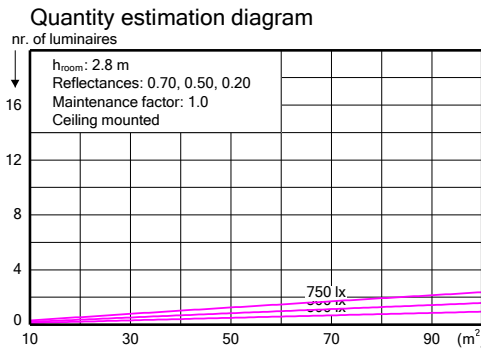
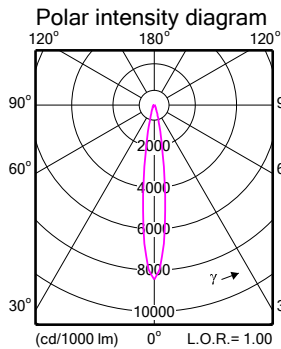
Plane Cone	0.0	45.0	90.0
45.0	8931	8387	8872
50.0	6682	6214	6631
55.0	4813	4427	4770
60.0	3391	3078	3356
65.0	2306	2060	2278
70.0	1416	1239	1395
75.0	1059	903	1040
80.0	1131	928	1106
85.0	1186	916	1151
90.0	1543	1067	1475

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 30K 220V L50 1xLED 15

1 x 30065 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

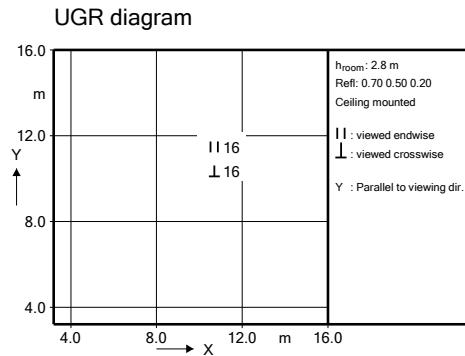
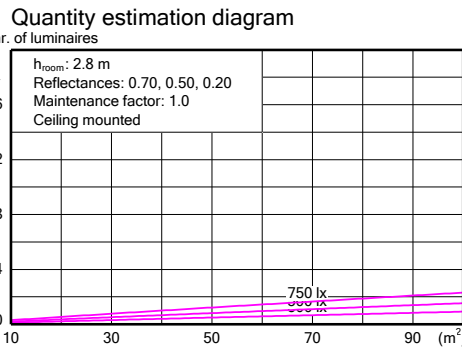
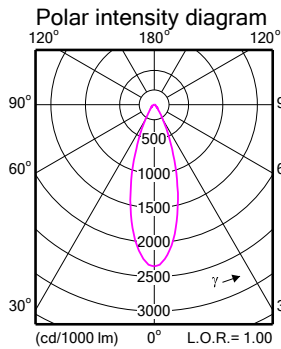
Plane Cone	0.0	45.0	90.0
45.0	8953	8407	8893
50.0	6864	6384	6811
55.0	5120	4709	5075
60.0	3590	3259	3553
65.0	2422	2164	2393
70.0	1472	1288	1450
75.0	1024	873	1006
80.0	963	790	941
85.0	942	727	914
90.0	1117	772	1068

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 30K 220V L50 1xLED 30

1 x 31140 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

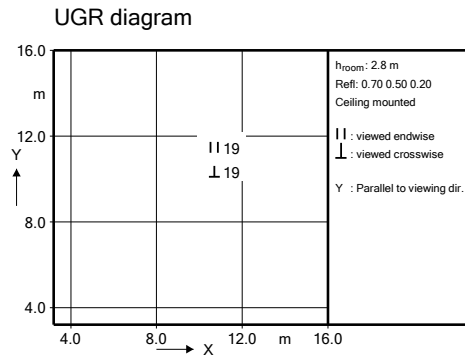
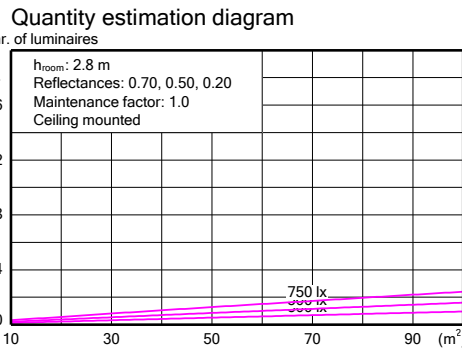
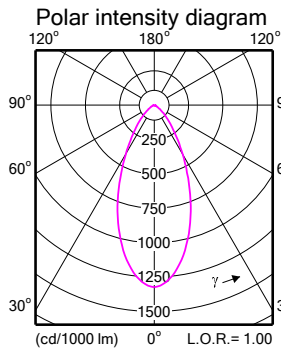
Plane Cone	0.0	45.0	90.0
45.0	10420	9785	10351
50.0	8337	7753	8272
55.0	6462	5944	6405
60.0	4835	4389	4785
65.0	3589	3206	3545
70.0	2514	2201	2477
75.0	1859	1584	1826
80.0	1478	1213	1446
85.0	1283	990	1245
90.0	1464	1012	1399

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 30K 220V L50 1xLED 45

1 x 30065 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	19375	18194	19247
50.0	13180	12257	13078
55.0	8682	7985	8605
60.0	5481	4975	5424
65.0	3240	2895	3201
70.0	1509	1321	1487
75.0	867	739	852
80.0	900	738	880
85.0	1020	788	990
90.0	1339	926	1280

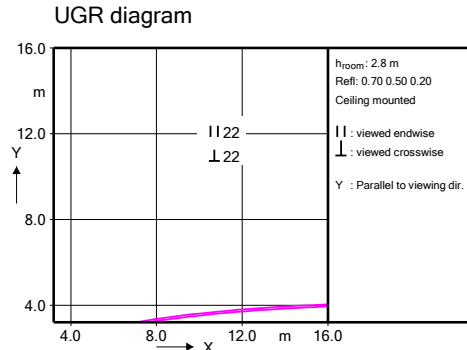
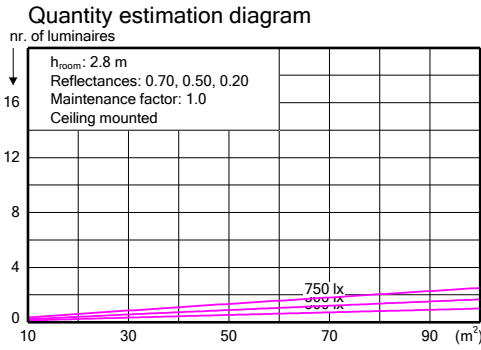
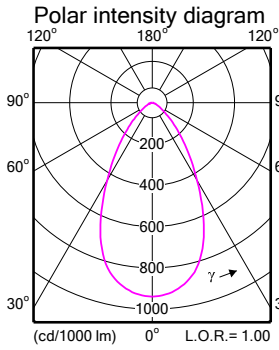
(cd/m<sup>2</sup>)

2021-08-30



BVP359 T 180LED 30K 220V L50 1xLED 60

1 x 29350 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

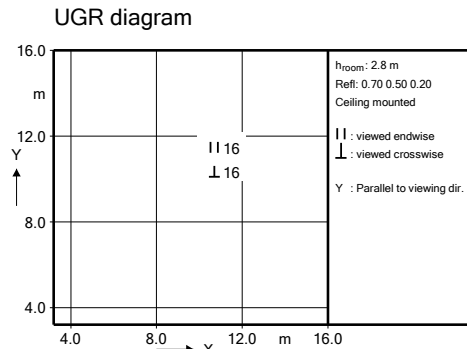
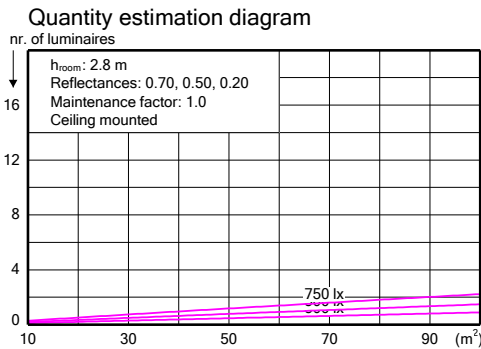
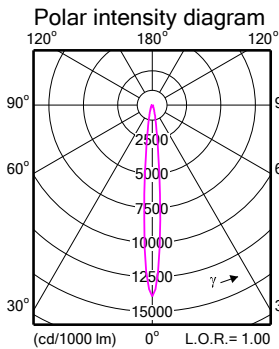
Plane Cone	0.0	45.0	90.0
45.0	22455	21087	22306
50.0	15476	14393	15357
55.0	10729	9868	10634
60.0	7910	7180	7828
65.0	5861	5236	5790
70.0	4068	3561	4009
75.0	2733	2329	2685
80.0	1952	1601	1908
85.0	1443	1115	1401
90.0	1445	999	1381

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 40K 220V L50 1xLED 10

1 x 31945 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

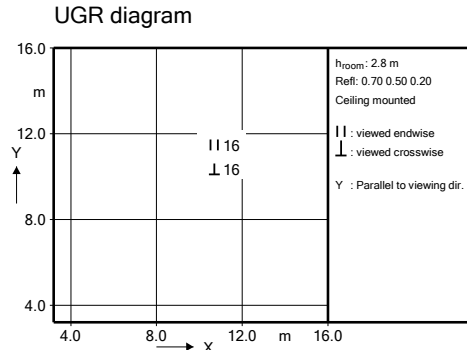
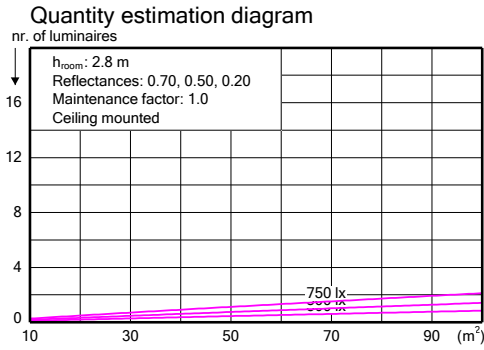
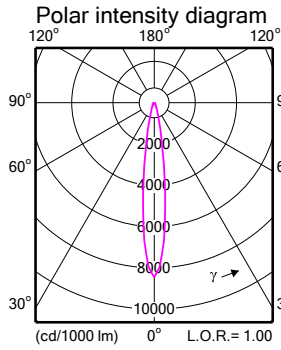
Plane Cone	0.0	45.0	90.0
45.0	9965	9358	9899
50.0	7456	6934	7398
55.0	5370	4939	5322
60.0	3783	3434	3744
65.0	2573	2298	2541
70.0	1580	1383	1557
75.0	1182	1007	1161
80.0	1262	1035	1234
85.0	1324	1022	1285
90.0	1722	1190	1646

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 40K 220V L50 1xLED 15

1 x 33540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

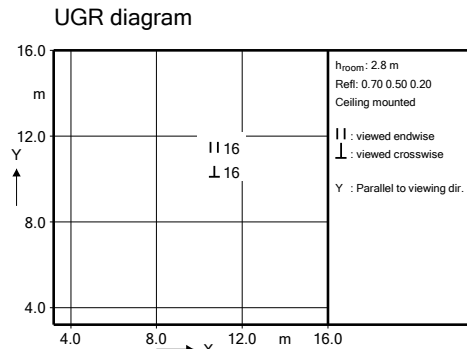
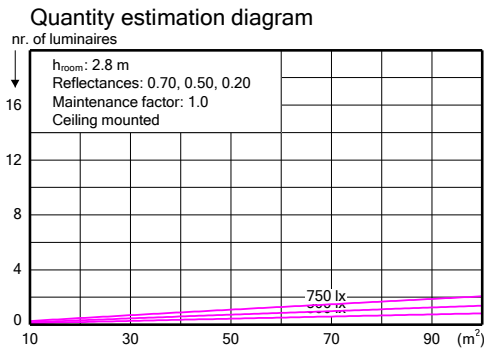
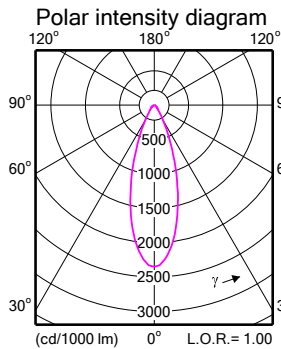
Plane Cone	0.0	45.0	90.0
45.0	9988	9379	9921
50.0	7657	7121	7599
55.0	5712	5254	5661
60.0	4005	3635	3963
65.0	2702	2414	2670
70.0	1642	1437	1618
75.0	1143	974	1123
80.0	1074	881	1050
85.0	1050	811	1019
90.0	1247	862	1192

(cd/m2)

2021-08-30

BVP359 T 180LED 40K 220V L50 1xLED 30

1 x 34740 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

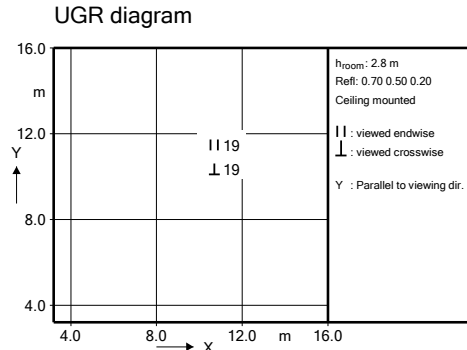
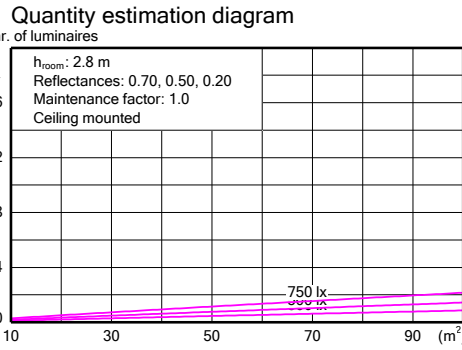
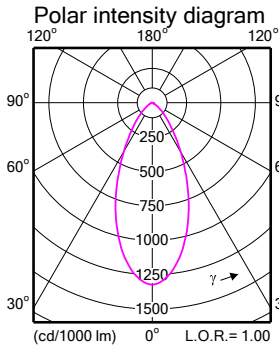
Plane Cone	0.0	45.0	90.0
45.0	11625	10916	11548
50.0	9300	8649	9229
55.0	7209	6631	7145
60.0	5394	4897	5339
65.0	4004	3577	3955
70.0	2804	2455	2764
75.0	2074	1767	2037
80.0	1649	1353	1613
85.0	1431	1105	1389
90.0	1633	1129	1561

(cd/m2)

2021-08-30

BVP359 T 180LED 40K 220V L50 1xLED 45

1 x 33540 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

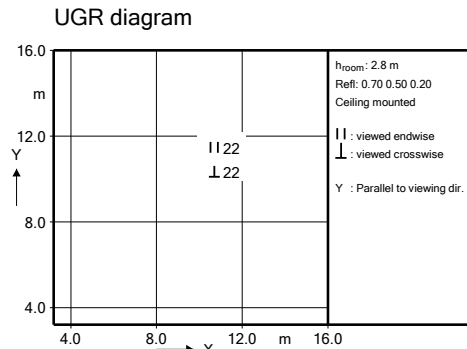
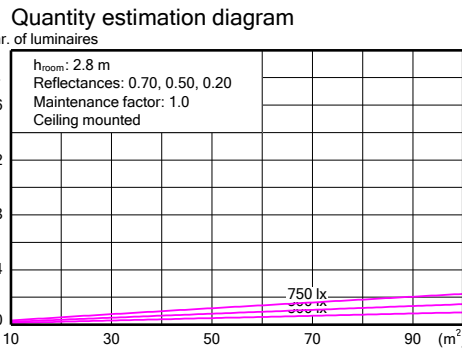
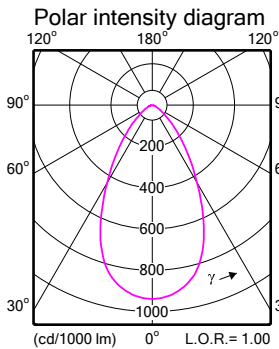
Plane Cone	0.0	45.0	90.0
45.0	21615	20297	21471
50.0	14703	13674	14590
55.0	9686	8908	9600
60.0	6114	5550	6051
65.0	3615	3229	3571
70.0	1684	1474	1659
75.0	967	824	950
80.0	1004	823	982
85.0	1138	879	1104
90.0	1494	1033	1428

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 40K 220V L50 1xLED 60

1 x 32745 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

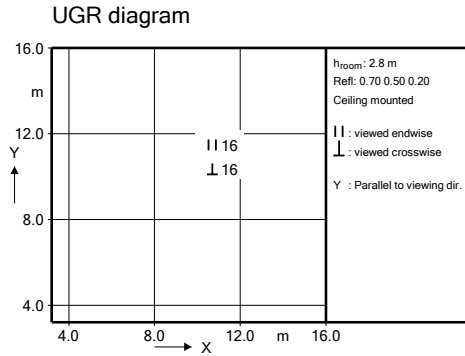
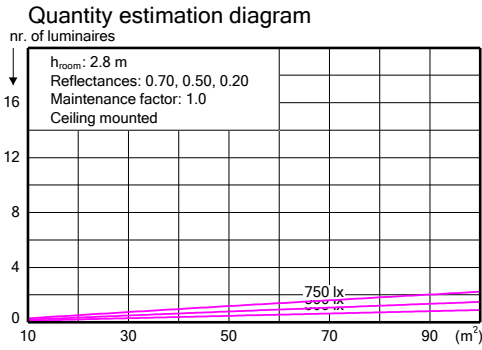
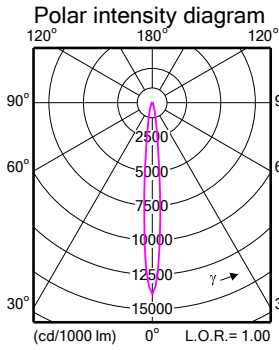
Plane Cone	0.0	45.0	90.0
45.0	25053	23526	24886
50.0	17267	16058	17134
55.0	11970	11010	11864
60.0	8825	8011	8734
65.0	6539	5842	6460
70.0	4538	3973	4473
75.0	3049	2599	2996
80.0	2177	1786	2129
85.0	1610	1244	1563
90.0	1612	1114	1541

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 50K 220V L50 1xLED 10

1 x 31945 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

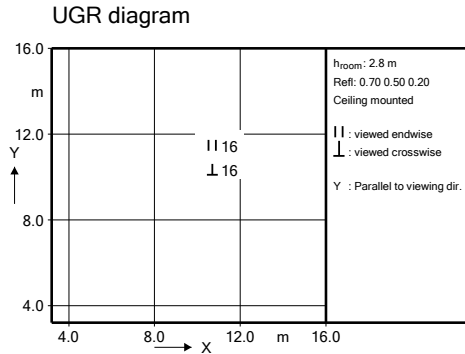
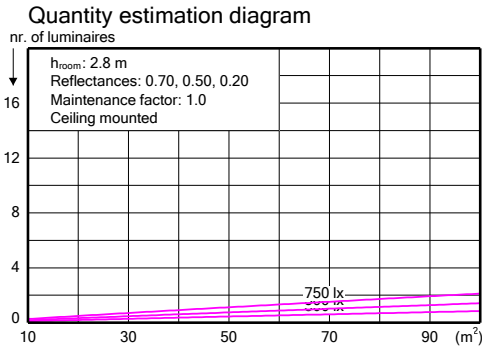
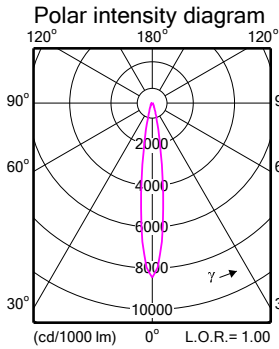
Plane Cone	0.0	45.0	90.0
45.0	9965	9358	9899
50.0	7456	6934	7398
55.0	5370	4939	5322
60.0	3783	3434	3744
65.0	2573	2298	2541
70.0	1580	1383	1557
75.0	1182	1007	1161
80.0	1262	1035	1234
85.0	1324	1022	1285
90.0	1722	1190	1646

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 50K 220V L50 1xLED 15

1 x 33540 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

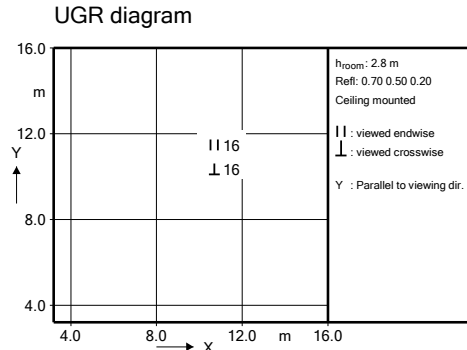
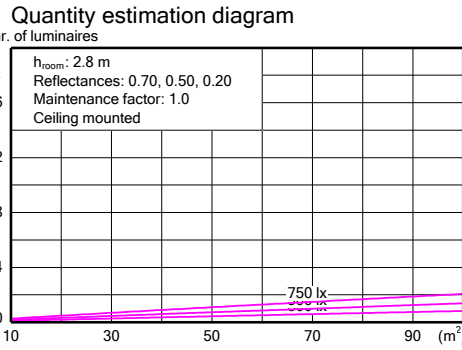
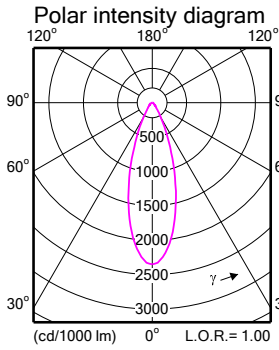
Plane Cone	0.0	45.0	90.0
45.0	9988	9379	9921
50.0	7657	7121	7599
55.0	5712	5254	5661
60.0	4005	3635	3963
65.0	2702	2414	2670
70.0	1642	1437	1618
75.0	1143	974	1123
80.0	1074	881	1050
85.0	1050	811	1019
90.0	1247	862	1192

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 50K 220V L50 1xLED 30

1 x 34740 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

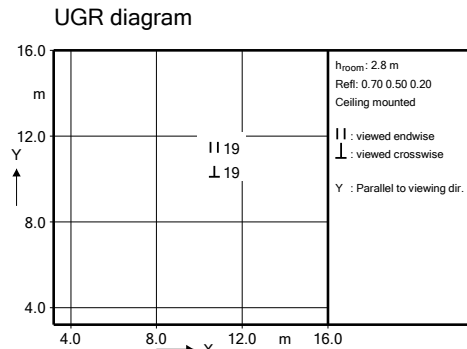
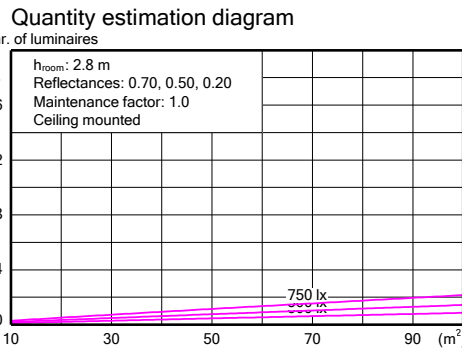
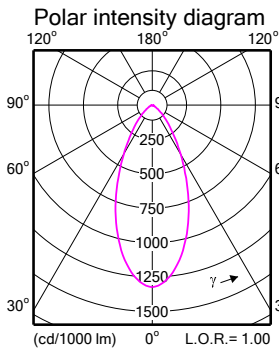
Plane Cone	0.0	45.0	90.0
45.0	11625	10916	11548
50.0	9300	8649	9229
55.0	7209	6631	7145
60.0	5394	4897	5339
65.0	4004	3577	3955
70.0	2804	2455	2764
75.0	2074	1767	2037
80.0	1649	1353	1613
85.0	1431	1105	1389
90.0	1633	1129	1561

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 50K 220V L50 1xLED 45

1 x 33540 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

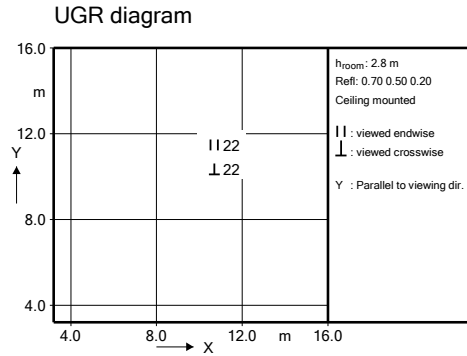
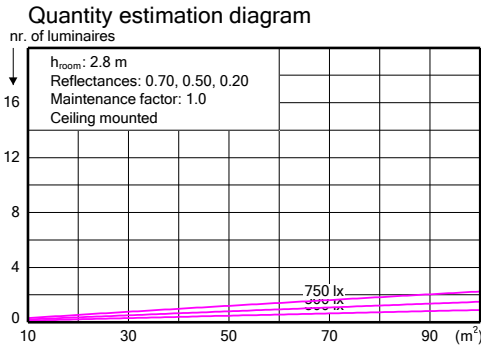
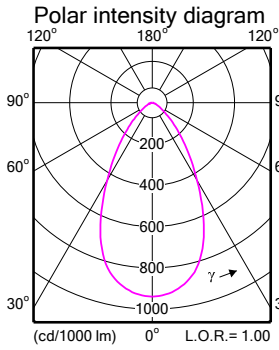
Plane Cone	0.0	45.0	90.0
45.0	21615	20297	21471
50.0	14703	13674	14590
55.0	9686	8908	9600
60.0	6114	5550	6051
65.0	3615	3229	3571
70.0	1684	1474	1659
75.0	967	824	950
80.0	1004	823	982
85.0	1138	879	1104
90.0	1494	1033	1428

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 50K 220V L50 1xLED 60

1 x 32745 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.69	0.65	0.68	0.65	0.64
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.75	0.72	0.74	0.71	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.80	0.77	0.79	0.77	0.75
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.88	0.85	0.87	0.85	0.85
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.93	0.90	0.91	0.89	0.89
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.98	0.94	0.95	0.93	0.91
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.99	0.95	0.96	0.94	0.91
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	1.00	0.99	0.98	0.97	0.95
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

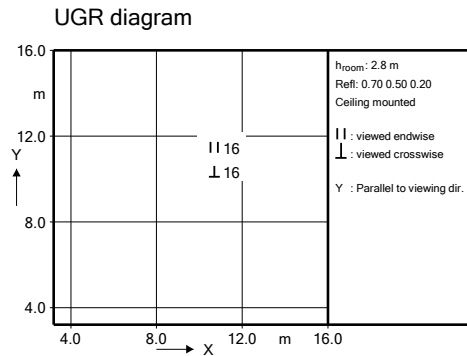
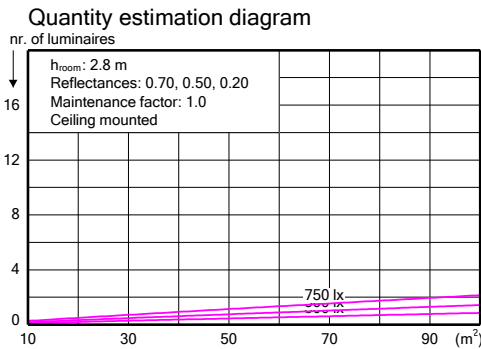
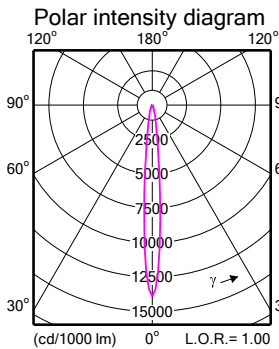
Plane Cone	0.0	45.0	90.0
45.0	25053	23526	24886
50.0	17267	16058	17134
55.0	11970	11010	11864
60.0	8825	8011	8734
65.0	6539	5842	6460
70.0	4538	3973	4473
75.0	3049	2599	2996
80.0	2177	1786	2129
85.0	1610	1244	1563
90.0	1612	1114	1541

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 57K 220V L50 1xLED 10

1 x 33130 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.50	0.50	0.30	0.30	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.77	0.74	0.76	0.74	0.73
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83	0.82
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92	0.90
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.97	0.96	0.96	0.95	0.93
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.99	0.98	0.98	0.97	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.00	0.99	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	1.00	0.99	0.98	0.97	0.95
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

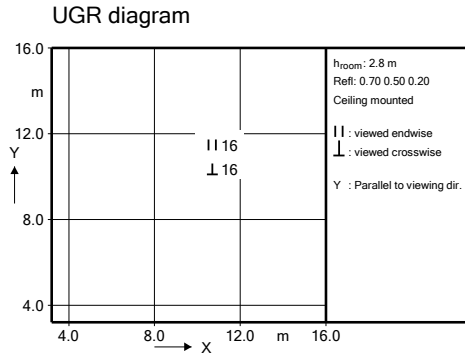
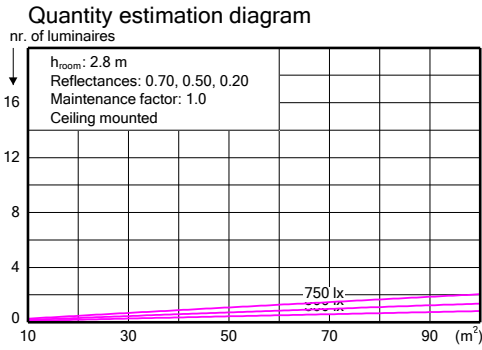
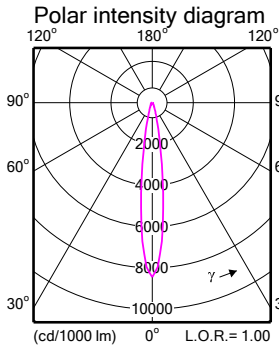
Plane Cone	0.0	45.0	90.0
45.0	10335	9705	10266
50.0	7732	7191	7673
55.0	5569	5122	5520
60.0	3924	3562	3883
65.0	2668	2384	2636
70.0	1638	1434	1615
75.0	1226	1044	1204
80.0	1309	1073	1280
85.0	1373	1060	1332
90.0	1786	1234	1707

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 57K 220V L50 1xLED 15

1 x 34785 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

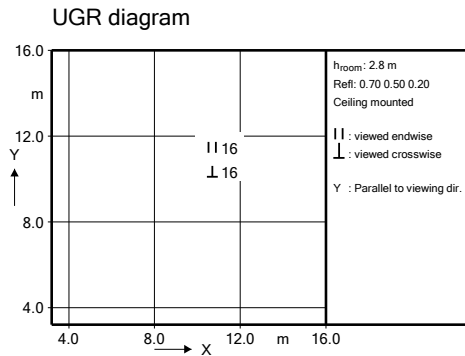
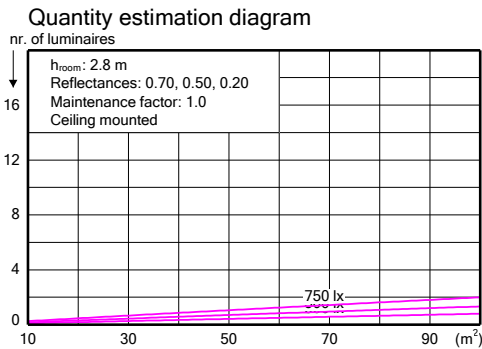
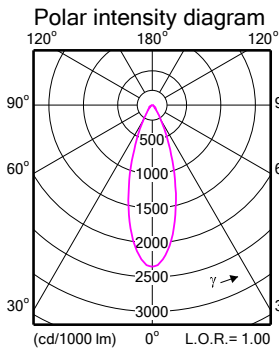
Plane Cone	0.0	45.0	90.0
45.0	10358	9727	10290
50.0	7942	7386	7881
55.0	5924	5449	5871
60.0	4153	3770	4110
65.0	2803	2504	2769
70.0	1703	1491	1678
75.0	1185	1010	1164
80.0	1114	913	1089
85.0	1089	841	1057
90.0	1293	894	1236

(cd/m2)

2021-08-30

BVP359 T 180LED 57K 220V L50 1xLED 30

1 x 36025 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

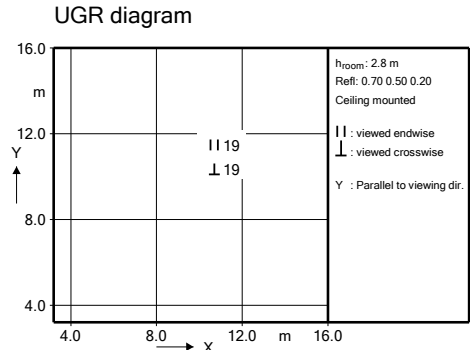
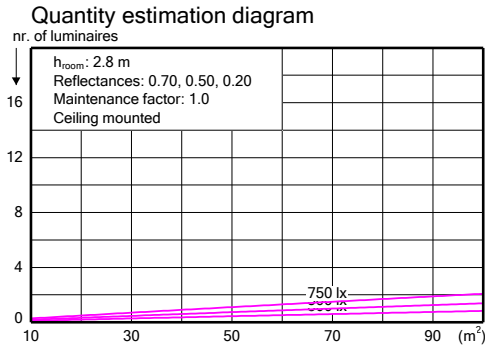
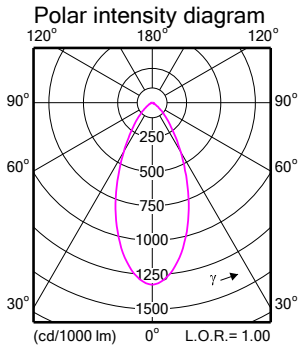
Plane Cone	0.0	45.0	90.0
45.0	12055	11320	11975
50.0	9644	8969	9570
55.0	7476	6876	7409
60.0	5594	5078	5536
65.0	4152	3709	4102
70.0	2908	2546	2866
75.0	2150	1833	2113
80.0	1710	1403	1673
85.0	1484	1146	1440
90.0	1694	1171	1619

(cd/m2)

2021-08-30

BVP359 T 180LED 57K 220V L50 1xLED 45

1 x 34785 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

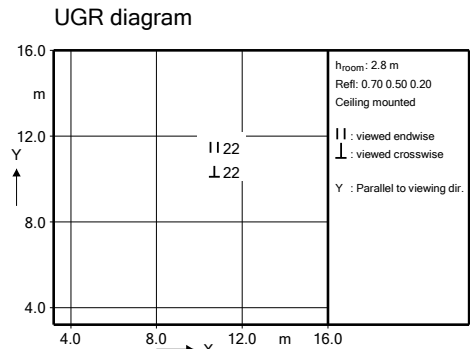
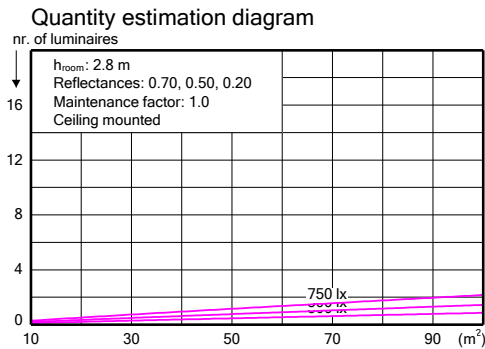
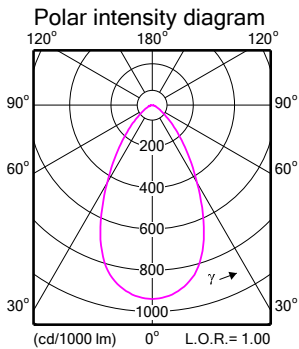
Plane Cone	0.0	45.0	90.0
45.0	22417	21051	22268
50.0	15249	14182	15132
55.0	10046	9239	9956
60.0	6341	5756	6276
65.0	3749	3349	3704
70.0	1746	1529	1721
75.0	1003	855	985
80.0	1041	854	1018
85.0	1180	911	1145
90.0	1550	1071	1481

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED 57K 220V L50 1xLED 60

1 x 33955 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	25979	24395	25806
50.0	17905	16651	17767
55.0	12413	11416	12302
60.0	9151	8307	9056
65.0	6781	6058	6699
70.0	4706	4120	4638
75.0	3162	2695	3106
80.0	2258	1852	2208
85.0	1670	1290	1621
90.0	1671	1155	1598

(cd/m<sup>2</sup>)

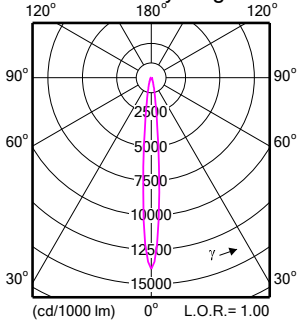
2021-08-30



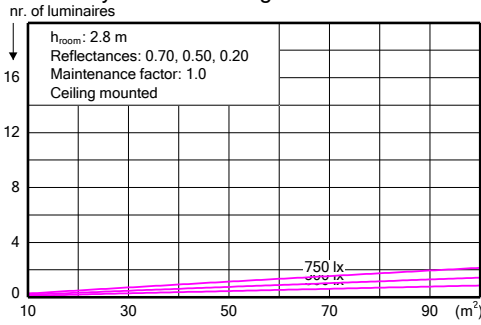
BVP359 T 180LED 65K 220V L50 1xLED 10

1 x 33130 lm

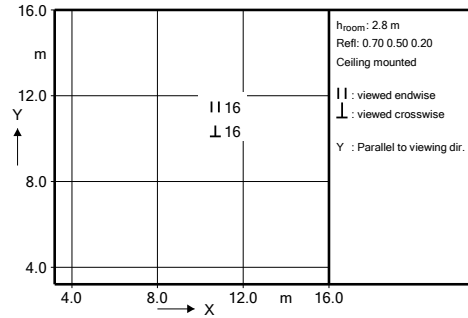
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	10335	9705	10266
50.0	7732	7191	7673
55.0	5569	5122	5520
60.0	3924	3562	3883
65.0	2668	2384	2636
70.0	1638	1434	1615
75.0	1226	1044	1204
80.0	1309	1073	1280
85.0	1373	1060	1332
90.0	1786	1234	1707

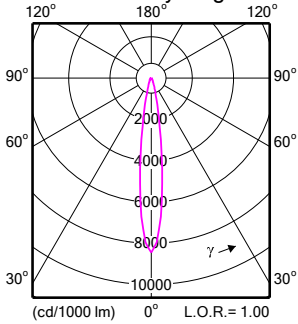
(cd/m2)

2021-08-30

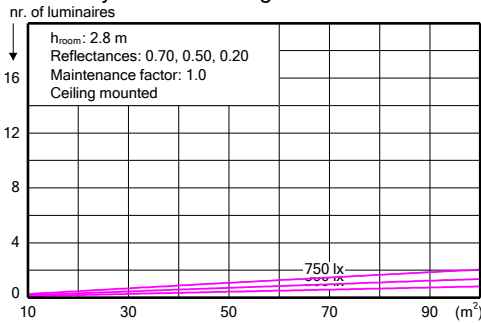
BVP359 T 180LED 65K 220V L50 1xLED 15

1 x 34785 lm

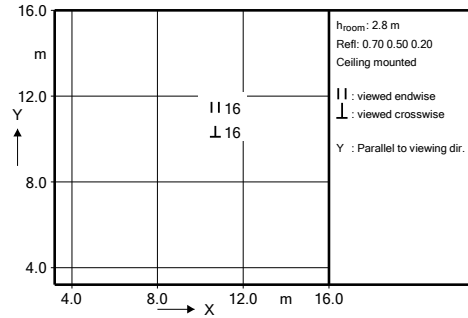
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

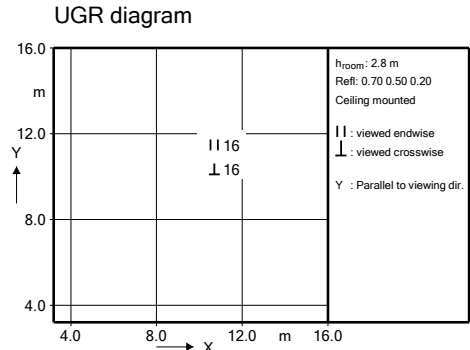
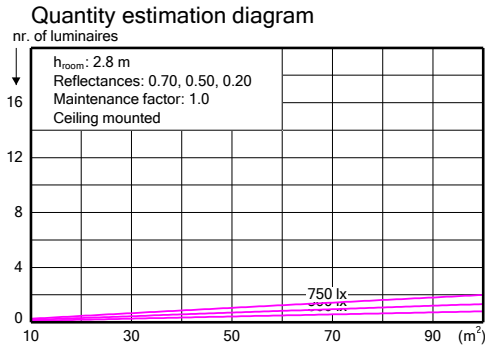
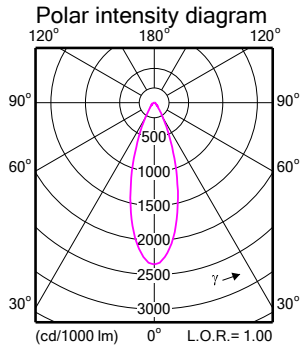
Plane Cone	0.0	45.0	90.0
45.0	10358	9727	10290
50.0	7942	7386	7881
55.0	5924	5449	5871
60.0	4153	3770	4110
65.0	2803	2504	2769
70.0	1703	1491	1678
75.0	1185	1010	1164
80.0	1114	913	1089
85.0	1089	841	1057
90.0	1293	894	1236

(cd/m2)

2021-08-30

BVP359 T 180LED 65K 220V L50 1xLED 30

1 x 36025 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

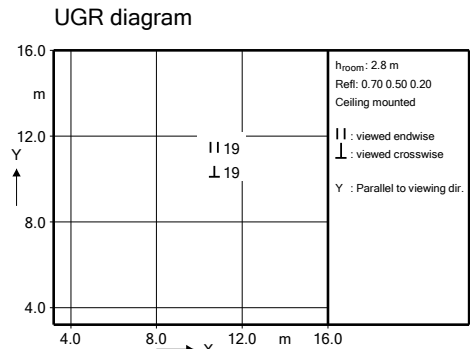
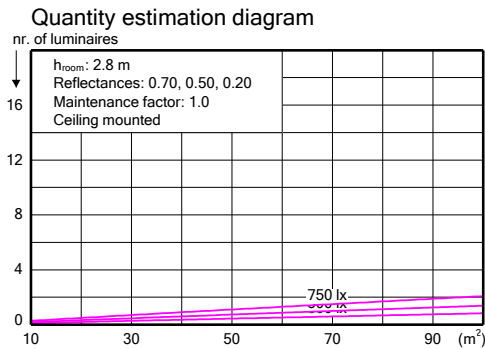
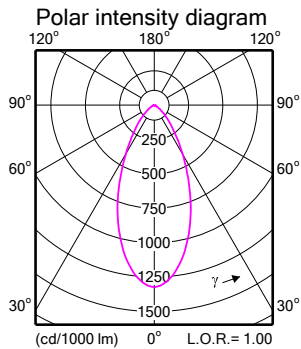
Plane Cone	0.0	45.0	90.0
45.0	12055	11320	11975
50.0	9644	8969	9570
55.0	7476	6876	7409
60.0	5594	5078	5536
65.0	4152	3709	4102
70.0	2908	2546	2866
75.0	2150	1833	2113
80.0	1710	1403	1673
85.0	1484	1146	1440
90.0	1694	1171	1619

(cd/m2)

2021-08-30

BVP359 T 180LED 65K 220V L50 1xLED 45

1 x 34785 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

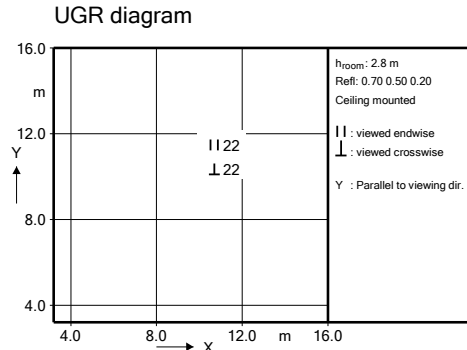
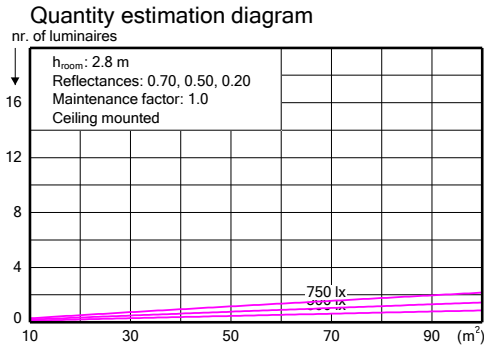
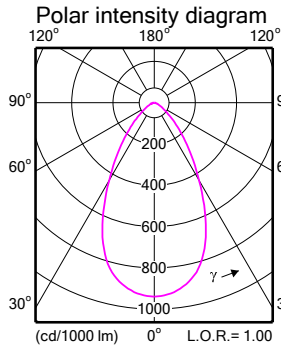
Plane Cone	0.0	45.0	90.0
45.0	22417	21051	22268
50.0	15249	14182	15132
55.0	10046	9239	9956
60.0	6341	5756	6276
65.0	3749	3349	3704
70.0	1746	1529	1721
75.0	1003	855	985
80.0	1041	854	1018
85.0	1180	911	1145
90.0	1550	1071	1481

(cd/m2)

2021-08-30

BVP359 T 180LED 65K 220V L50 1xLED 60

1 x 3395 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

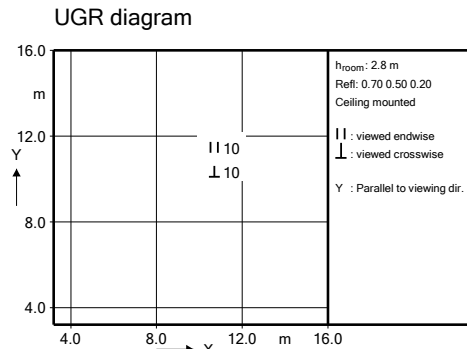
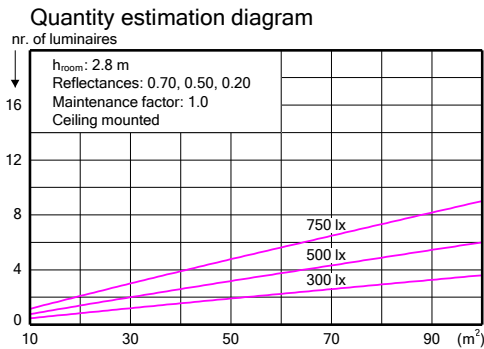
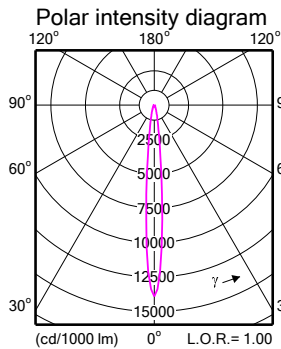
Plane Cone	0.0	45.0	90.0
45.0	25979	24395	25806
50.0	17905	16651	17767
55.0	12413	11416	12302
60.0	9151	8307	9056
65.0	6781	6058	6699
70.0	4705	4120	4638
75.0	3162	2695	3106
80.0	2258	1852	2208
85.0	1670	1290	1621
90.0	1671	1155	1598

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 180LED BL 220V L50 1xLED 10

1 x 7905 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2466	2316	2450
50.0	1845	1716	1831
55.0	1329	1222	1317
60.0	936	850	927
65.0	637	569	629
70.0	391	342	385
75.0	292	249	287
80.0	312	256	305
85.0	328	253	318
90.0	426	295	407

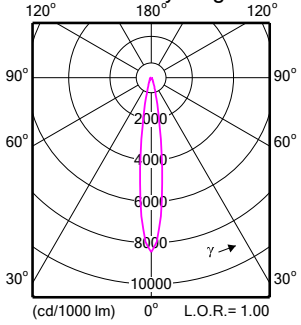
(cd/m<sup>2</sup>)

2021-08-30

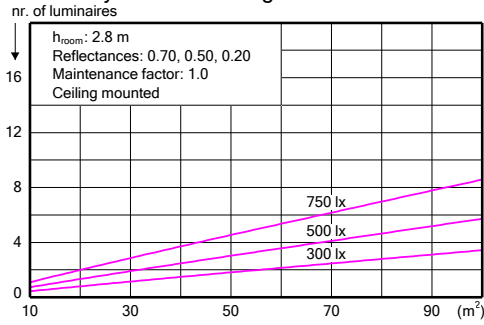
BVP359 T 180LED BL 220V L50 1xLED 15

1 x 8305 lm

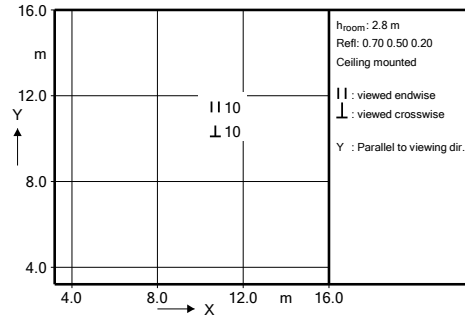
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 9  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2473	2322	2457
50.0	1896	1763	1882
55.0	1414	1301	1402
60.0	992	900	981
65.0	669	598	661
70.0	407	356	401
75.0	283	241	278
80.0	266	218	260
85.0	260	201	252
90.0	309	213	295

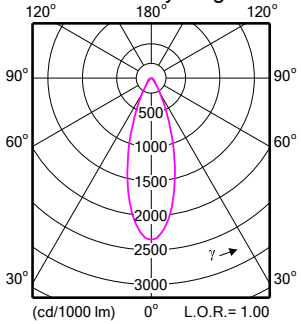
(cd/m2)

2021-08-30

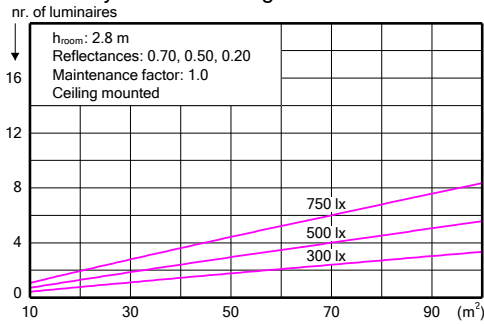
BVP359 T 180LED BL 220V L50 1xLED 30

1 x 8600 lm

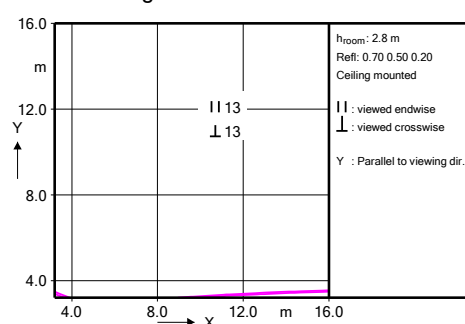
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 11  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

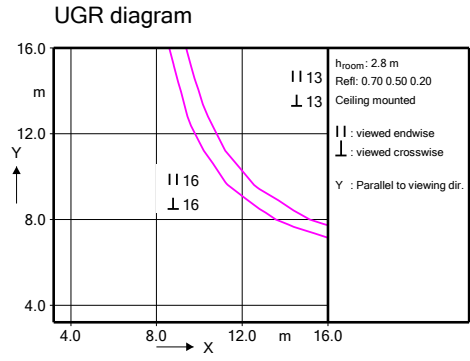
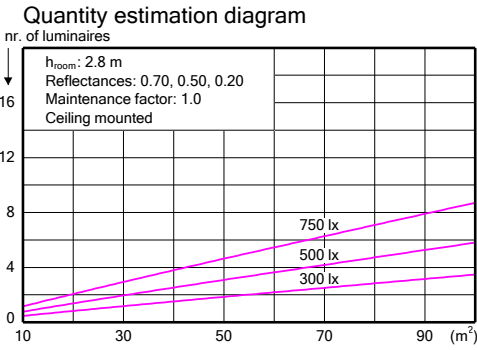
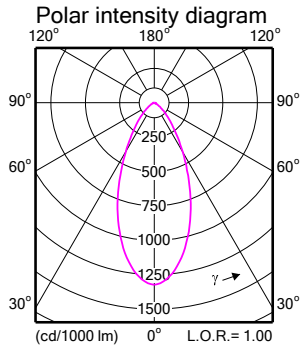
Plane Cone	0.0	45.0	90.0
45.0	2878	2702	2859
50.0	2302	2141	2285
55.0	1785	1641	1769
60.0	1335	1212	1322
65.0	991	885	979
70.0	694	608	684
75.0	513	437	504
80.0	408	335	399
85.0	354	274	344
90.0	404	279	386

(cd/m2)

2021-08-30

BVP359 T 180LED BL 220V L50 1xLED 45

1 x 8305 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

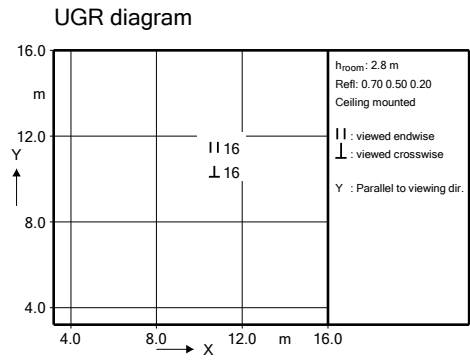
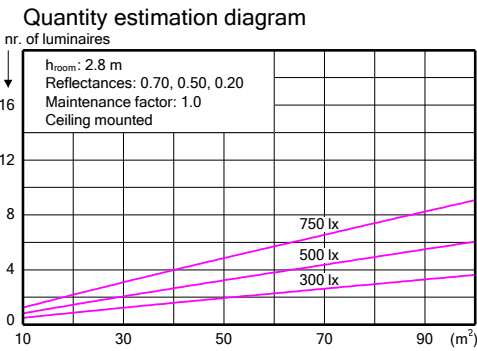
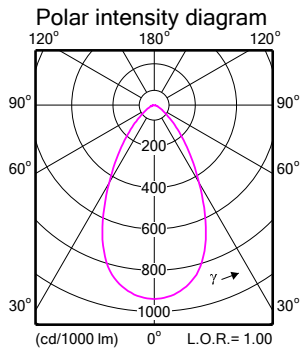
Plane Cone	0.0	45.0	90.0
45.0	5352	5026	5317
50.0	3641	3386	3613
55.0	2398	2206	2377
60.0	1514	1374	1498
65.0	895	800	884
70.0	417	365	411
75.0	239	204	235
80.0	249	204	243
85.0	282	218	273
90.0	370	256	354

(cd/m2)

2021-08-30

BVP359 T 180LED BL 220V L50 1xLED 60

1 x 8105 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 15  
EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

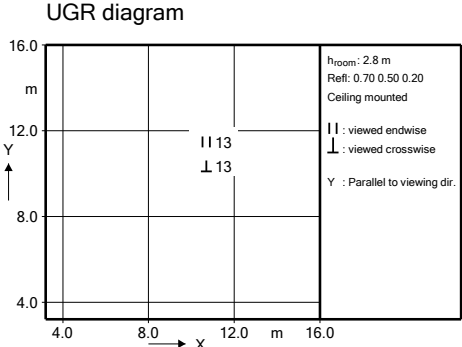
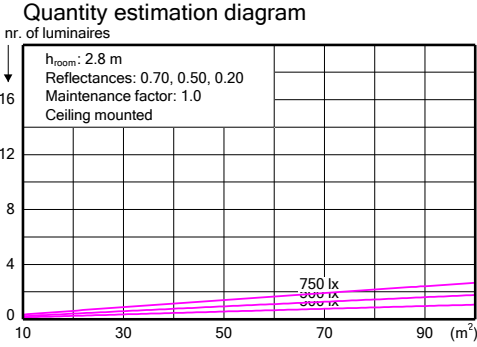
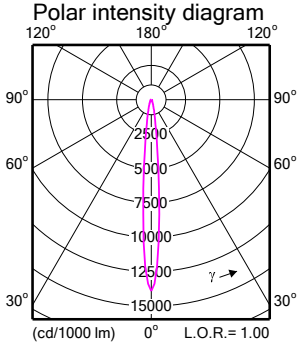
Plane Cone	0.0	45.0	90.0
45.0	6201	5823	6160
50.0	4274	3975	4241
55.0	2963	2725	2936
60.0	2184	1983	2162
65.0	1619	1446	1599
70.0	1123	983	1107
75.0	755	643	742
80.0	539	442	527
85.0	399	308	387
90.0	399	276	381

(cd/m2)

2021-08-30

BVP359 T 180LED GN 220V L50 1xLED 10

1 x 26755 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

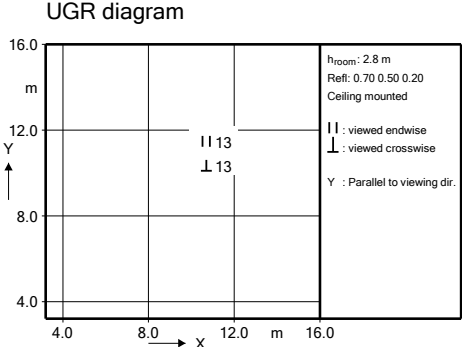
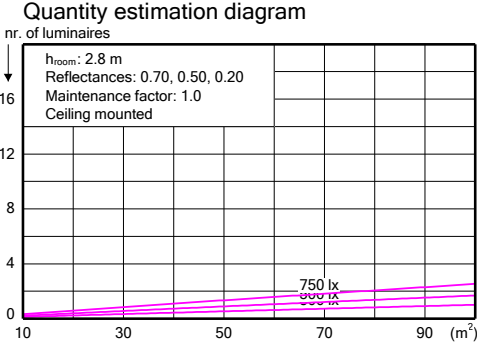
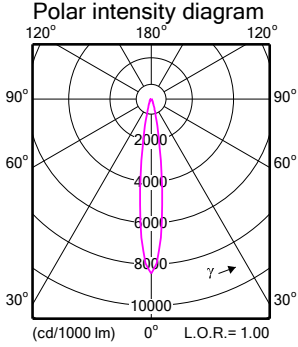
Plane Cone	0.0	45.0	90.0
45.0	8346	7837	8291
50.0	6245	5807	6196
55.0	4498	4137	4458
60.0	3169	2876	3136
65.0	2155	1925	2129
70.0	1323	1158	1304
75.0	990	843	972
80.0	1057	867	1034
85.0	1109	856	1076
90.0	1442	997	1379

(cd/m2)

2021-08-30

BVP359 T 180LED GN 220V L50 1xLED 15

1 x 28095 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

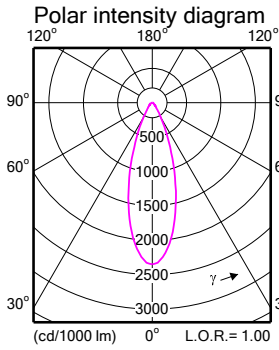
Plane Cone	0.0	45.0	90.0
45.0	8366	7856	8311
50.0	6414	5965	6365
55.0	4785	4401	4742
60.0	3355	3045	3320
65.0	2264	2022	2236
70.0	1375	1204	1355
75.0	957	816	941
80.0	900	738	880
85.0	880	679	854
90.0	1044	722	998

(cd/m2)

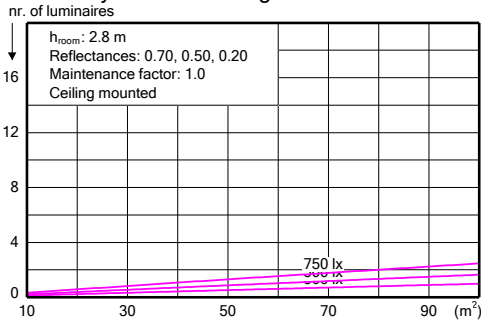
2021-08-30

BVP359 T 180LED GN 220V L50 1xLED 30

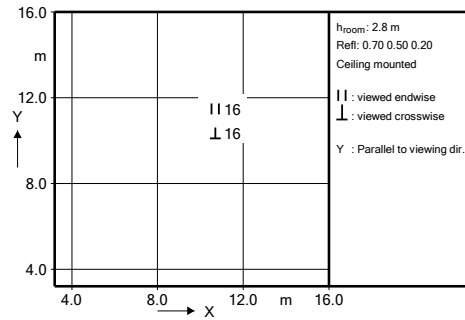
1 x 29095 lm



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

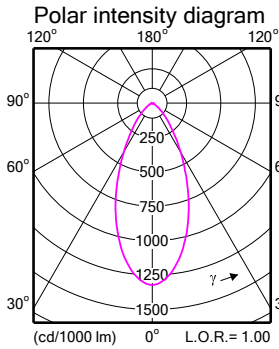
Plane Cone	0.0	45.0	90.0
45.0	9736	9142	9671
50.0	7789	7244	7729
55.0	6038	5553	5984
60.0	4518	4101	4471
65.0	3353	2996	3313
70.0	2349	2056	2315
75.0	1737	1480	1706
80.0	1381	1133	1351
85.0	1198	925	1163
90.0	1368	945	1308

(cd/m<sup>2</sup>)

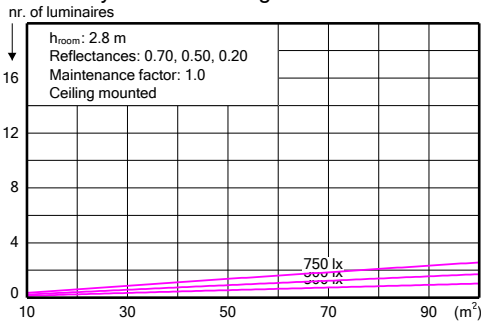
2021-08-30

BVP359 T 180LED GN 220V L50 1xLED 45

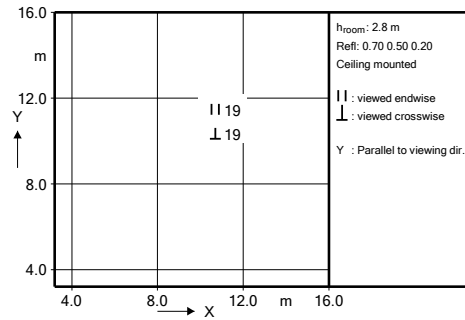
1 x 28095 lm



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	18106	17002	17985
50.0	12316	11454	12221
55.0	8114	7462	8041
60.0	5122	4649	5069
65.0	3028	2705	2991
70.0	1410	1235	1390
75.0	810	690	796
80.0	841	690	822
85.0	953	736	925
90.0	1252	865	1197

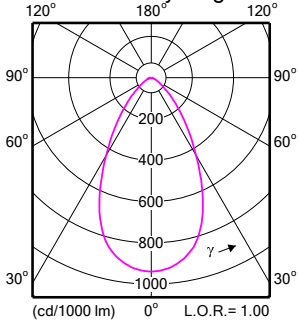
(cd/m<sup>2</sup>)

2021-08-30

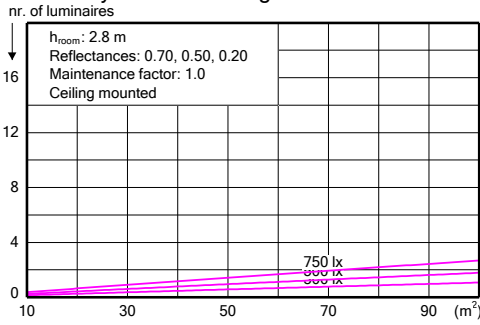
BVP359 T 180LED GN 220V L50 1xLED 60

1 x 27425 lm

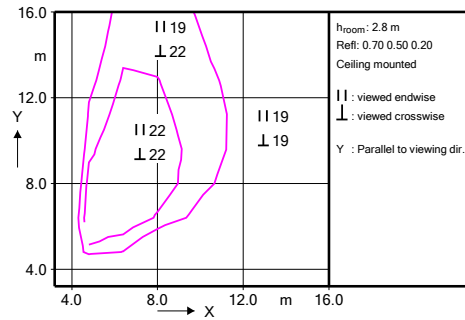
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																			
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.69	0.65	0.68	0.65	0.64	0.70	0.70	0.70	0.70
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.75	0.72	0.74	0.71	0.70	0.70	0.70	0.70	0.70
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.80	0.77	0.79	0.77	0.75	0.75	0.75	0.75	0.75
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.88	0.85	0.87	0.85	0.85	0.85	0.85	0.85	0.85
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.90	0.88	0.89	0.87	0.85	0.85	0.85	0.85	0.85
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.93	0.92	0.92	0.91	0.89	0.89	0.89	0.89	0.89
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.96	0.94	0.95	0.93	0.91	0.91	0.91	0.91	0.91
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.98	0.97	0.97	0.96	0.94	0.94	0.94	0.94	0.94
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	1.00	0.99	0.98	0.97	0.95	0.95	0.95	0.95	0.95
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	1.01	1.01	1.01	1.01	0.99	0.99	0.99	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	20983	19704	20843
50.0	14461	13449	14350
55.0	10026	9221	9936
60.0	7391	6710	7315
65.0	5477	4893	5410
70.0	3801	3328	3746
75.0	2554	2176	2509
80.0	1824	1496	1783
85.0	1349	1042	1309
90.0	1350	933	1291

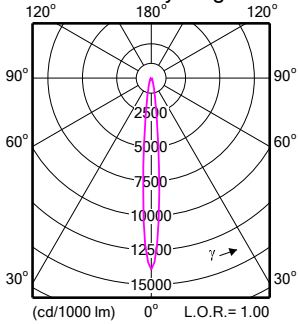
(cd/m2)

2021-08-30

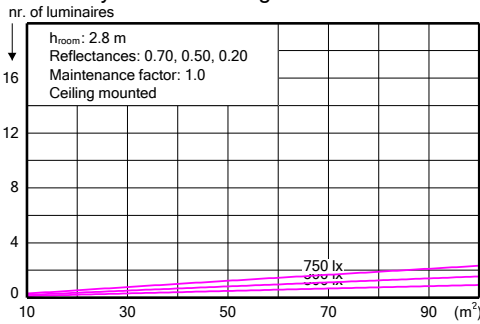
BVP359 T 216LED 22K 220V L57 1xLED 10

1 x 30615 lm

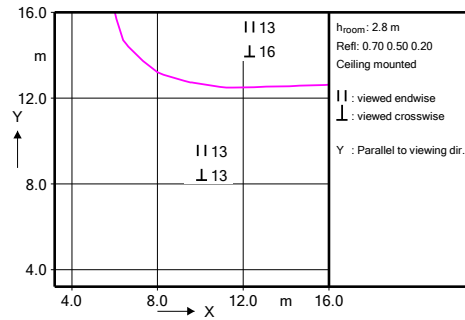
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)																			
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.80	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.77	0.74	0.76	0.74	0.73	0.78	0.78	0.78	0.78
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.82	0.79	0.81	0.79	0.78	0.78	0.78	0.78	0.78
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.86	0.84	0.85	0.83	0.82	0.85	0.85	0.85	0.85
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.89	0.87	0.88	0.86	0.85	0.85	0.85	0.85	0.85
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.94	0.92	0.93	0.92	0.90	0.90	0.90	0.90	0.90
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.97	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.99	0.98	0.98	0.97	0.95	0.95	0.95	0.95	0.95
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	1.02	1.01	1.01	1.01	0.99	0.99	0.99	0.99	0.99
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.01	1.01	0.99	1.03	1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.02	1.02	0.99	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	8530	7961	8322
50.0	6400	5910	6220
55.0	4626	4218	4474
60.0	3272	2940	3148
65.0	2236	1973	2137
70.0	1382	1191	1309
75.0	1043	872	976
80.0	1129	902	1037
85.0	1211	899	1080
90.0	1650	1064	1384

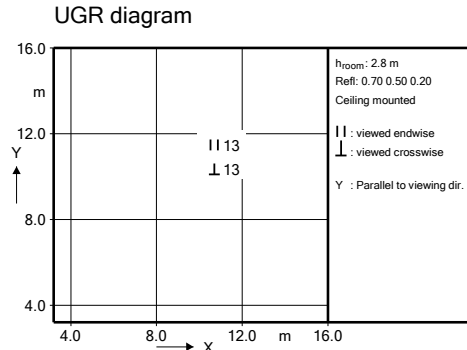
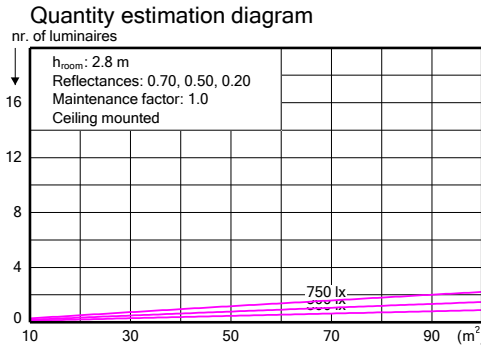
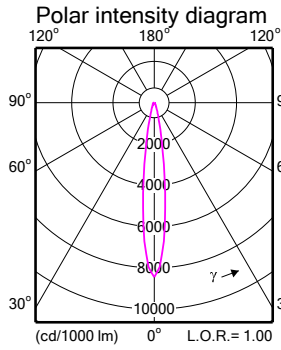
(cd/m2)

2021-08-30



BVP359 T 216LED 22K 220V L57 1xLED 15

1 x 32145 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 13  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

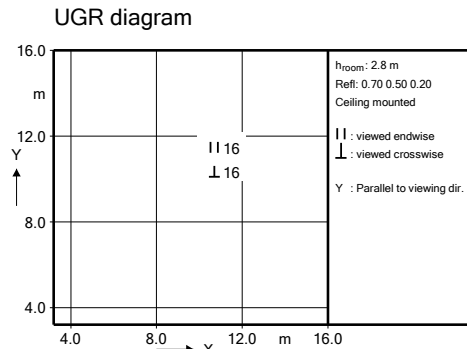
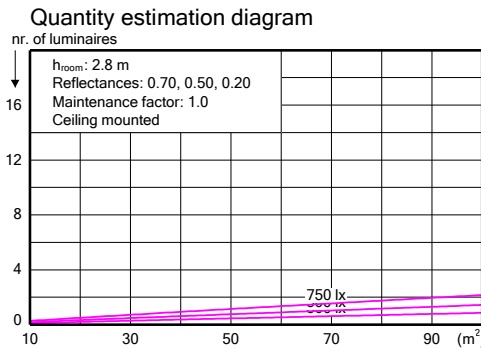
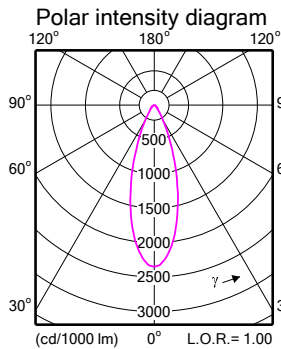
Plane Cone	0.0	45.0	90.0
45.0	8549	7979	8341
50.0	6574	6070	6388
55.0	4920	4487	4759
60.0	3464	3112	3332
65.0	2349	2073	2244
70.0	1436	1238	1360
75.0	1009	843	944
80.0	961	767	883
85.0	961	714	857
90.0	1195	771	1002

(cd/m2)

2021-08-30

BVP359 T 216LED 22K 220V L57 1xLED 30

1 x 33290 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

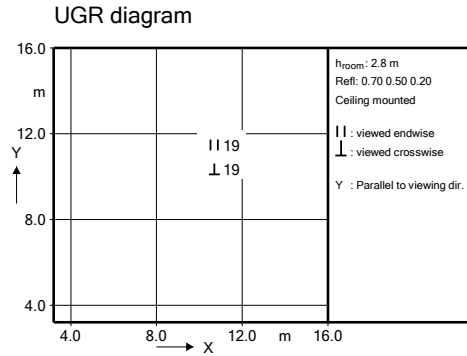
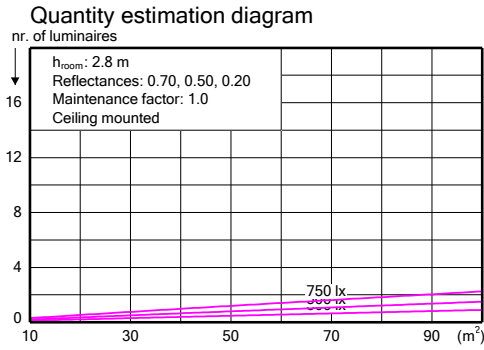
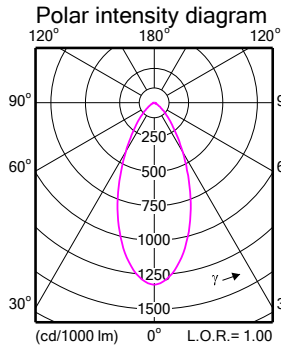
Plane Cone	0.0	45.0	90.0
45.0	9949	9286	9707
50.0	7983	7371	7758
55.0	6209	5662	6006
60.0	4665	4191	4488
65.0	3480	3070	3325
70.0	2453	2115	2323
75.0	1830	1529	1712
80.0	1475	1178	1356
85.0	1309	972	1167
90.0	1565	1009	1312

(cd/m2)

2021-08-30

BVP359 T 216LED 22K 220V L57 1xLED 45

1 x 32145 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 85 98 100 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

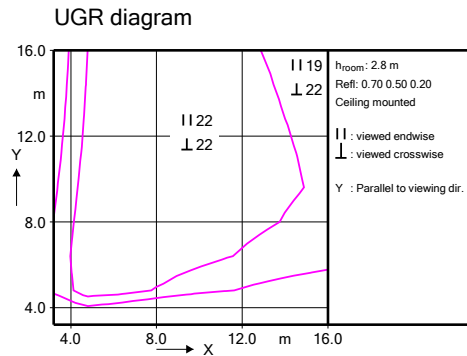
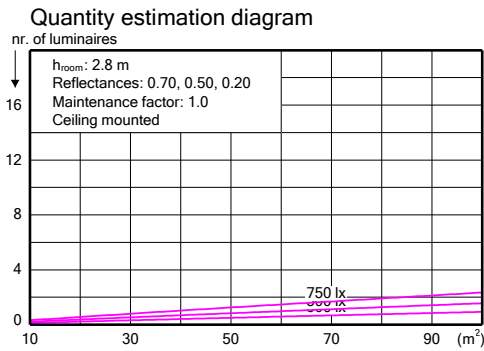
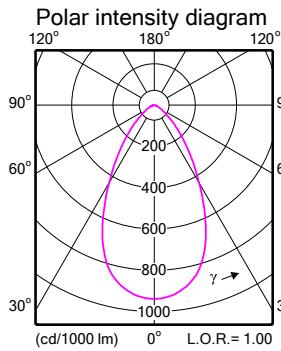
Plane Cone	0.0	45.0	90.0
45.0	18502	17269	18051
50.0	12622	11654	12266
55.0	8343	7608	8071
60.0	5288	4751	5087
65.0	3142	2772	3002
70.0	1473	1270	1395
75.0	854	713	799
80.0	898	717	825
85.0	1041	773	928
90.0	1432	924	1201

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 22K 220V L57 1xLED 60

1 x 31380 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 80 96 99 100 100  
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

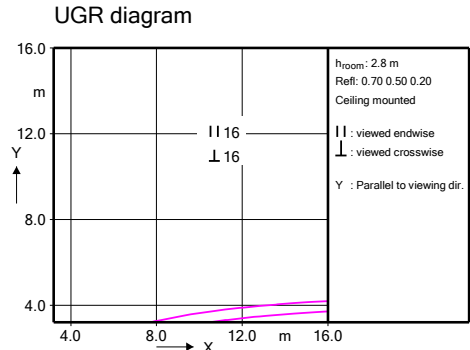
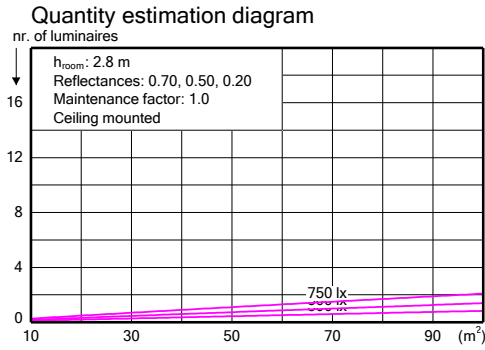
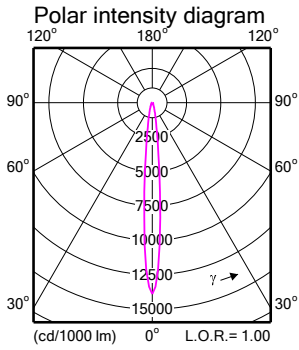
Plane Cone	0.0	45.0	90.0
45.0	21443	20013	20920
50.0	14821	13685	14403
55.0	10310	9402	9973
60.0	7632	6857	7342
65.0	5684	5015	5430
70.0	3970	3423	3760
75.0	2692	2249	2518
80.0	1948	1555	1790
85.0	1473	1094	1314
90.0	1545	996	1295

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 27K 220V L57 1xLED 10

1 x 34145 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

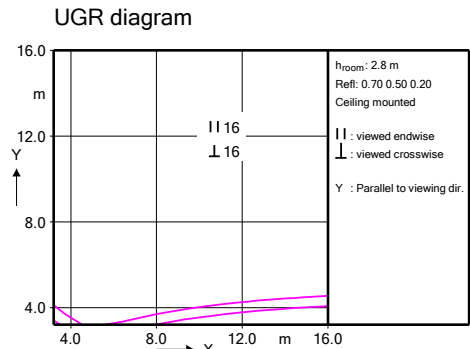
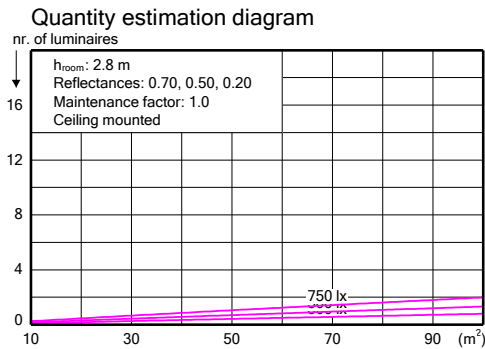
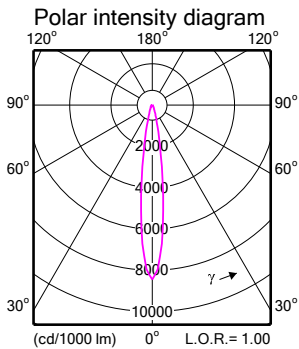
Plane Cone	0.0	45.0	90.0
45.0	9513	8879	9281
50.0	7138	6591	6937
55.0	5159	4704	4990
60.0	3649	3279	3511
65.0	2494	2201	2383
70.0	1541	1329	1460
75.0	1163	972	1089
80.0	1259	1006	1157
85.0	1350	1003	1204
90.0	1840	1187	1543

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 27K 220V L57 1xLED 15

1 x 35850 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

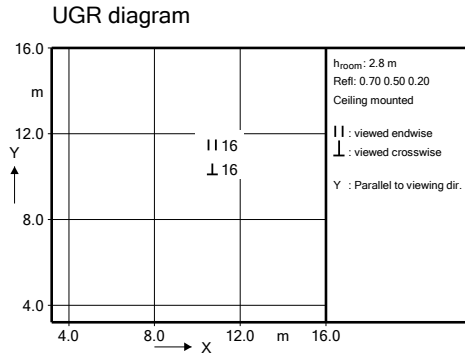
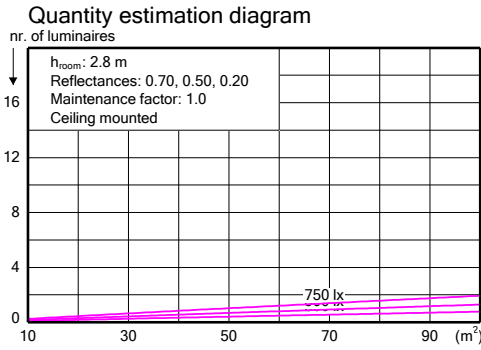
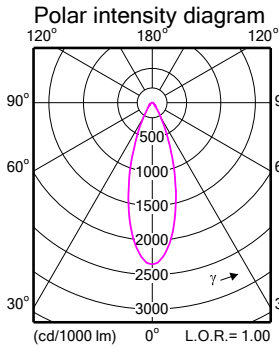
Plane Cone	0.0	45.0	90.0
45.0	9535	8899	9302
50.0	7331	6769	7124
55.0	5487	5004	5308
60.0	3863	3471	3716
65.0	2620	2311	2503
70.0	1602	1381	1517
75.0	1125	940	1053
80.0	1071	856	985
85.0	1072	796	956
90.0	1332	859	1117

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 27K 220V L57 1xLED 30

1 x 37135 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

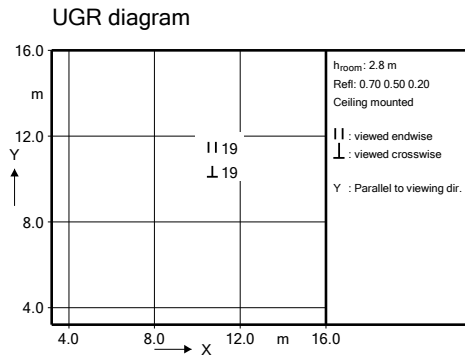
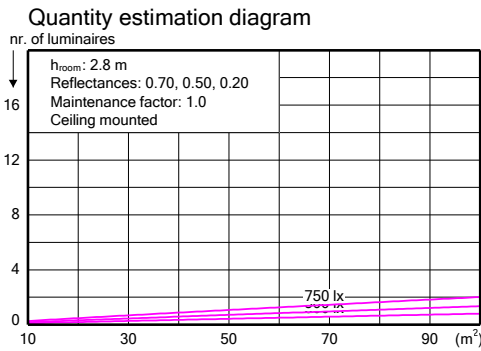
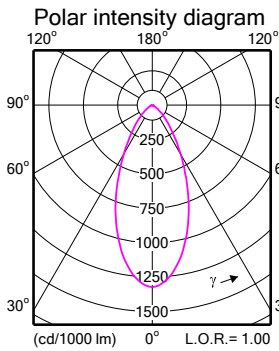
Plane Cone	0.0	45.0	90.0
45.0	11098	10359	10828
50.0	8905	8222	8654
55.0	6926	6316	6700
60.0	5204	4675	5006
65.0	3882	3425	3709
70.0	2736	2359	2591
75.0	2042	1706	1910
80.0	1646	1314	1512
85.0	1460	1084	1302
90.0	1746	1126	1464

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 27K 220V L57 1xLED 45

1 x 35850 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	20634	19259	20131
50.0	14077	12998	13680
55.0	9305	8485	9001
60.0	5888	5299	5674
65.0	3504	3092	3348
70.0	1643	1416	1556
75.0	952	796	891
80.0	1002	800	921
85.0	1161	862	1035
90.0	1597	1030	1339

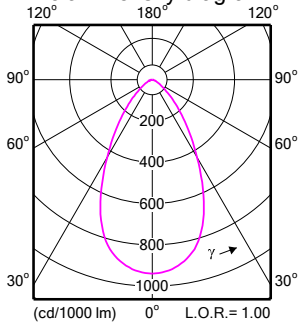
(cd/m<sup>2</sup>)

2021-08-30

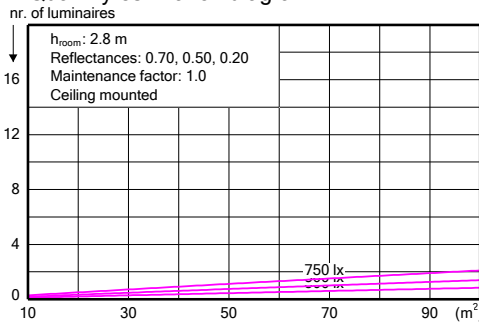
BVP359 T 216LED 27K 220V L57 1xLED 60

1 x 35000 lm

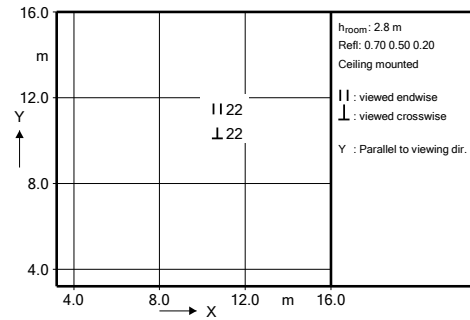
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	23916	22322	23334
50.0	16531	15264	16065
55.0	11499	10486	11123
60.0	8512	7648	8189
65.0	6339	5593	6057
70.0	4428	3818	4193
75.0	3002	2509	2809
80.0	2172	1735	1996
85.0	1643	1220	1465
90.0	1723	1111	1445

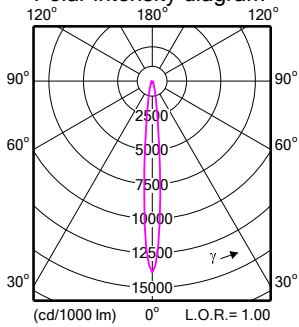
(cd/m<sup>2</sup>)

2021-08-30

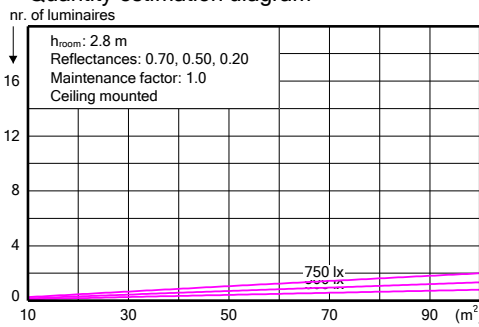
BVP359 T 216LED 30K 220V L57 1xLED 10

1 x 35615 lm

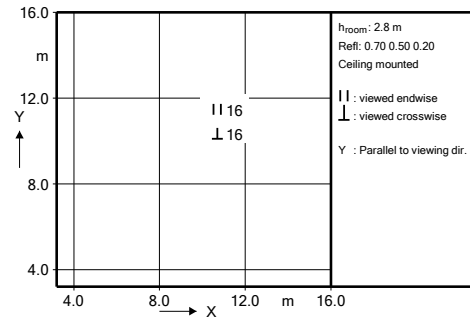
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9923	9261	9681
50.0	7446	6875	7235
55.0	5381	4907	5205
60.0	3806	3420	3662
65.0	2601	2295	2485
70.0	1608	1386	1523
75.0	1214	1014	1135
80.0	1313	1049	1207
85.0	1409	1046	1256
90.0	1920	1238	1610

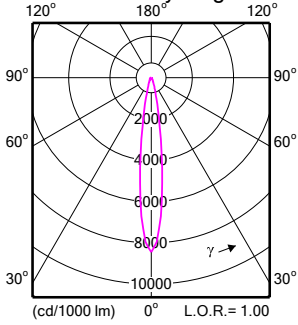
(cd/m<sup>2</sup>)

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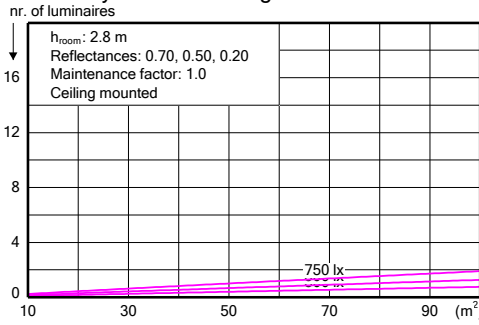
1 x 37400 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Quantity estimation diagram

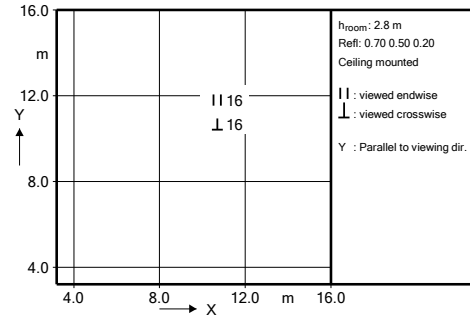


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
0.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00	0.00
0.30	0.50	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	9947	9284	9704
50.0	7648	7062	7432
55.0	5725	5220	5538
60.0	4030	3621	3877
65.0	2733	2411	2611
70.0	1671	1441	1583
75.0	1174	981	1098
80.0	1118	893	1027
85.0	1118	830	997
90.0	1390	897	1166

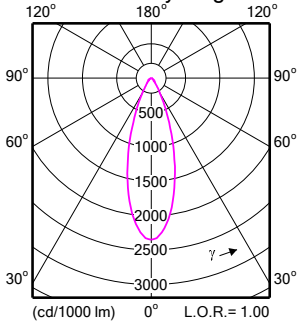
(cd/m<sup>2</sup>)

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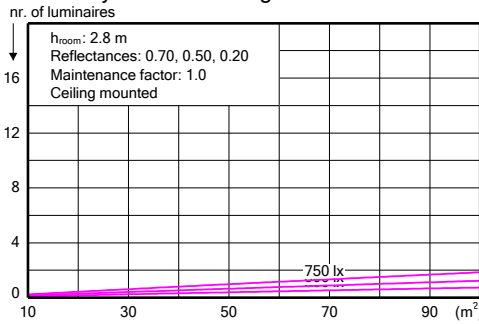
1 x 38735 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGR<sub>cen</sub> (4Hx8H, 0.25H) 16

Quantity estimation diagram

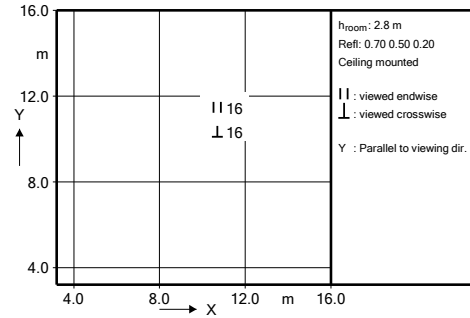


Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
0.50	0.80	0.80	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00	0.00
0.30	0.50	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

UGR diagram



Luminance Table

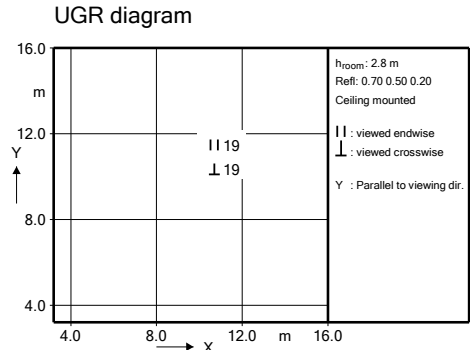
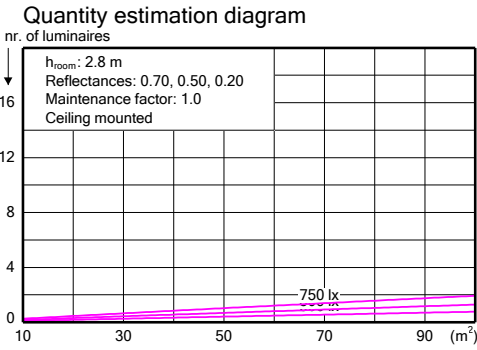
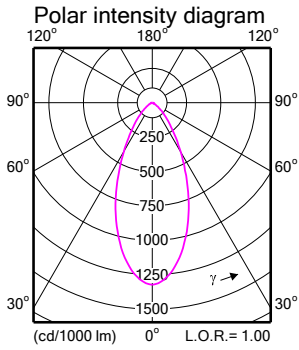
Plane Cone	0.0	45.0	90.0
45.0	11577	10805	11294
50.0	9289	8576	9026
55.0	7225	6588	6988
60.0	5428	4877	5222
65.0	4049	3572	3868
70.0	2854	2461	2703
75.0	2130	1780	1993
80.0	1717	1371	1578
85.0	1523	1131	1358
90.0	1821	1175	1527

(cd/m<sup>2</sup>)

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1 x 37400 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

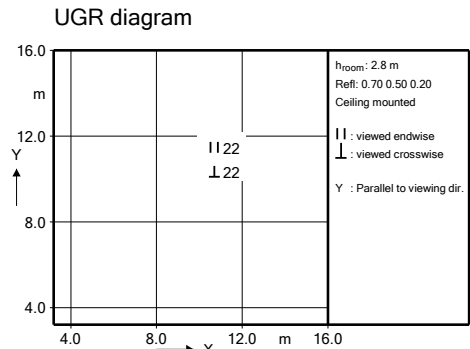
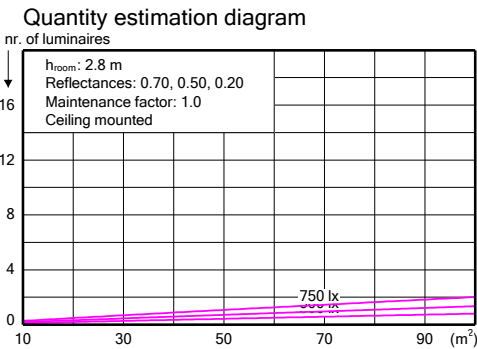
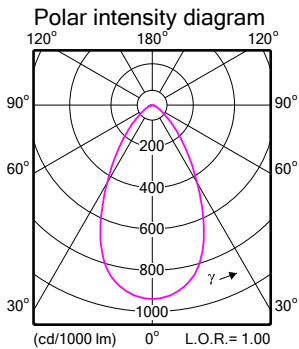
Plane Cone	0.0	45.0	90.0
45.0	21526	20092	21002
50.0	14686	13560	14271
55.0	9707	8852	9390
60.0	6153	5528	5919
65.0	3656	3226	3493
70.0	1714	1478	1623
75.0	993	830	929
80.0	1045	835	960
85.0	1211	899	1080
90.0	1666	1075	1397

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 30K 220V L57 1xLED 60

1 x 36505 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.30	0.10
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

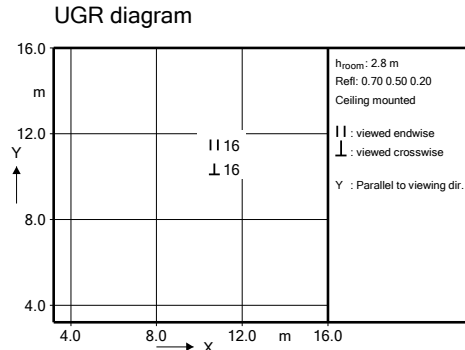
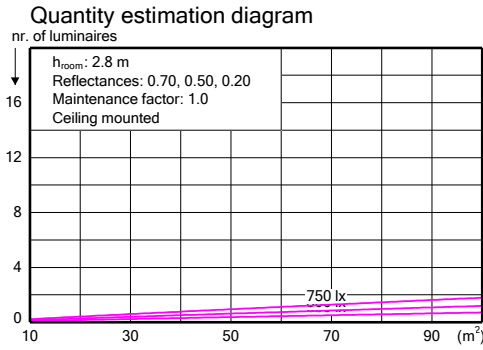
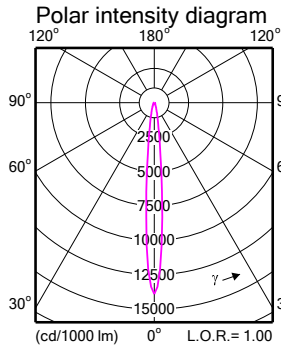
Plane Cone	0.0	45.0	90.0
45.0	24945	23282	24337
50.0	17242	15920	16755
55.0	11994	10937	11602
60.0	8878	7977	8541
65.0	6612	5834	6317
70.0	4618	3982	4374
75.0	3131	2616	2930
80.0	2266	1809	2082
85.0	1714	1272	1528
90.0	1797	1159	1507

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 40K 220V L57 1xLED 10

1 x 39740 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

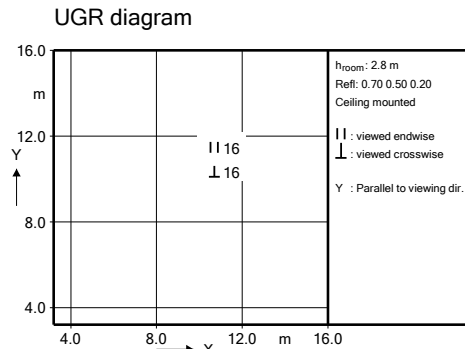
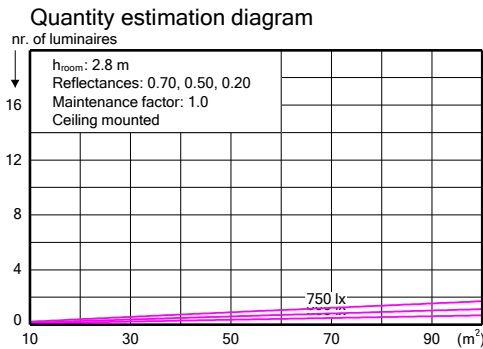
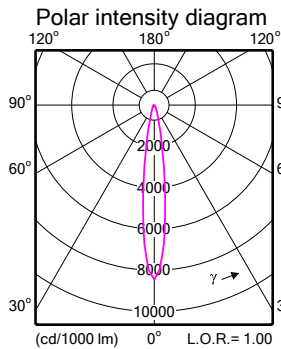
Plane Cone	0.0	45.0	90.0
45.0	11072	10334	10802
50.0	8308	7671	8073
55.0	6004	5475	5808
60.0	4247	3816	4086
65.0	2903	2561	2773
70.0	1794	1547	1699
75.0	1354	1131	1267
80.0	1065	916	1000
85.0	857	726	800
90.0	700	600	675

(cd/m2)

2021-08-30

BVP359 T 216LED 40K 220V L57 1xLED 15

1 x 41725 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	11097	10357	10827
50.0	8533	7879	8292
55.0	6387	5824	6178
60.0	4496	4040	4325
65.0	3049	2690	2913
70.0	1864	1607	1766
75.0	1310	1094	1225
80.0	1047	896	1000
85.0	857	726	800
90.0	700	600	675

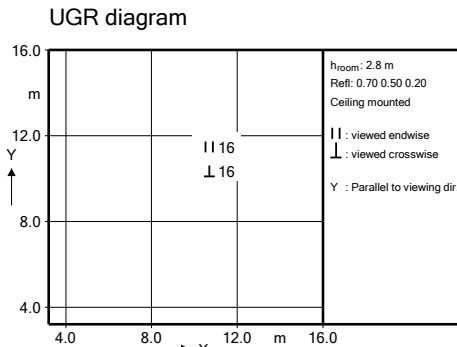
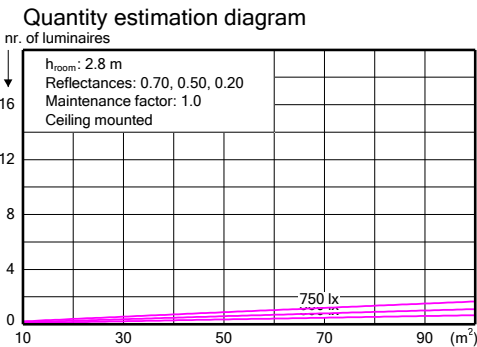
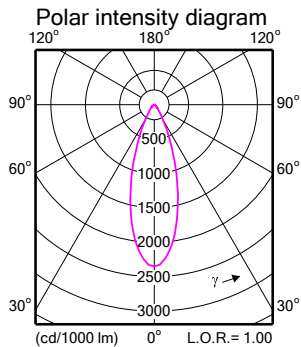
(cd/m2)

2021-08-30



BVP359 T 216LED 40K 220V L57 1xLED 30

1 x 43215 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Ceiling mounted

Luminance Table

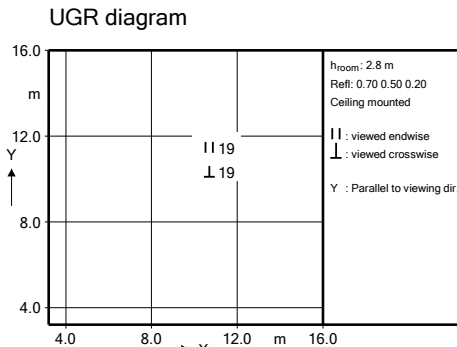
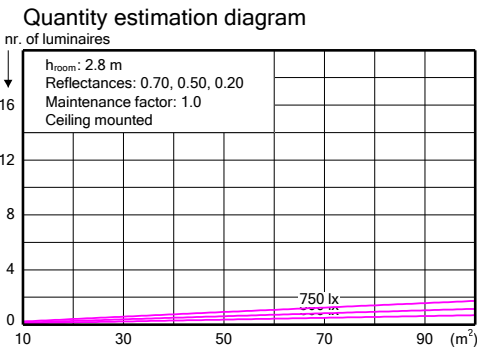
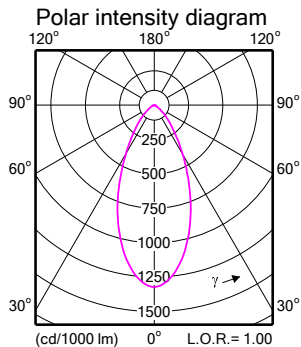
Plane Cone	0.0	45.0	90.0
45.0	12915	12055	12601
50.0	10363	9568	10070
55.0	8060	7350	7797
60.0	6056	5441	5825
65.0	4517	3986	4316
70.0	3184	2745	3016
75.0	2376	1985	2223
80.0	1915	1529	1760
85.0	1699	1262	1515
90.0	2032	1310	1704

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 40K 220V L57 1xLED 45

1 x 41725 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Ceiling mounted

Luminance Table

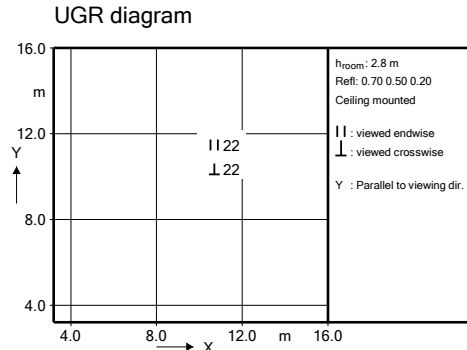
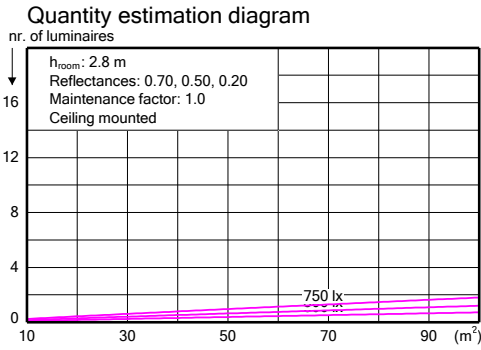
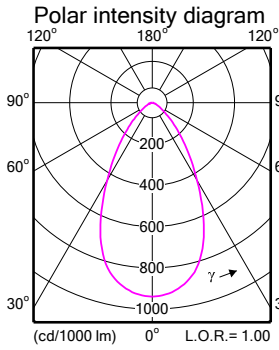
Plane Cone	0.0	45.0	90.0
45.0	24016	22415	23431
50.0	16384	15128	15921
55.0	10830	9876	10476
60.0	6864	6168	6603
65.0	4079	3599	3897
70.0	1912	1648	1811
75.0	1108	926	1037
80.0	1166	931	1071
85.0	1351	1003	1205
90.0	1859	1199	1559

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 40K 220V L57 1xLED 60

1 x 40730 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

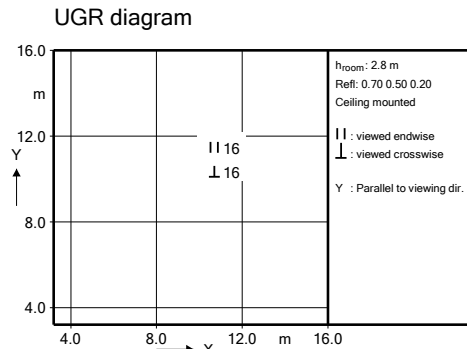
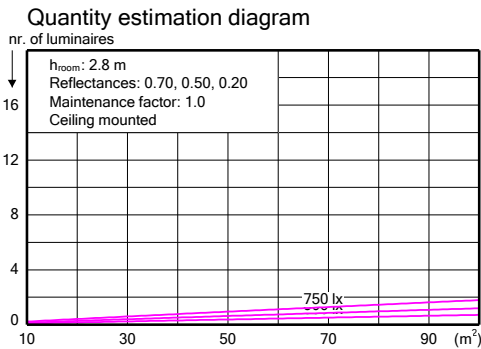
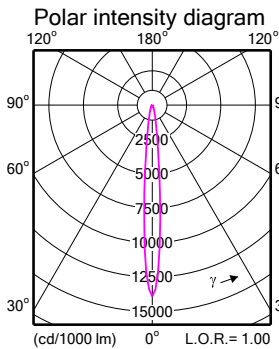
Plane Cone	0.0	45.0	90.0
45.0	27832	25977	27154
50.0	19238	17763	18695
55.0	13382	12203	12945
60.0	9906	8900	9529
65.0	7377	6509	7048
70.0	5153	4442	4880
75.0	3494	2919	3269
80.0	2528	2019	2323
85.0	1912	1420	1705
90.0	2005	1293	1681

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 50K 220V L57 1xLED 10

1 x 39740 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

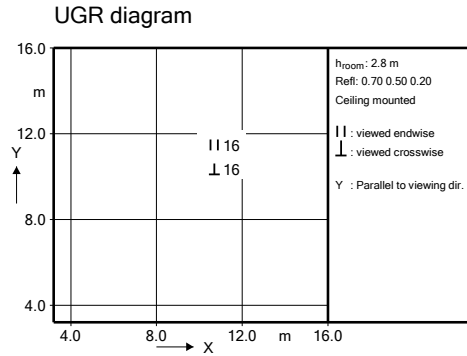
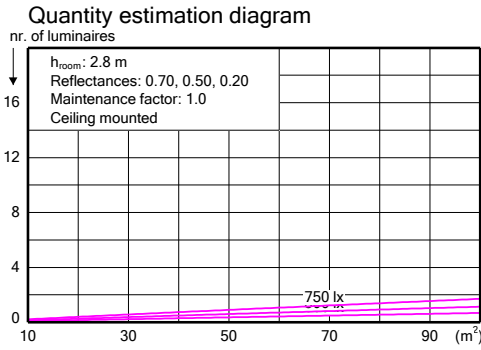
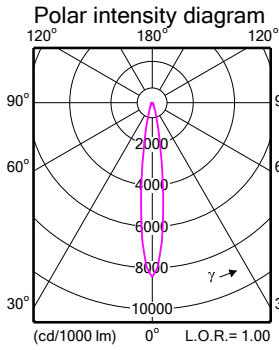
Plane Cone	0.0	45.0	90.0
45.0	11072	10334	10802
50.0	8308	7671	8073
55.0	6004	5475	5808
60.0	4247	3816	4086
65.0	2903	2561	2773
70.0	1794	1547	1699
75.0	1354	1131	1267
80.0	1465	1170	1347
85.0	1572	1167	1402
90.0	2142	1382	1796

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 50K 220V L57 1xLED 15

1 x 41725 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

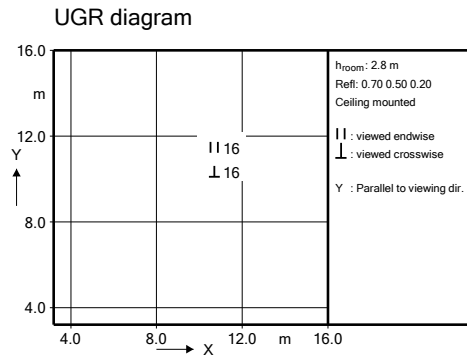
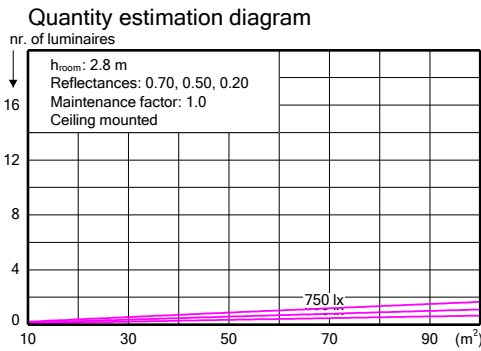
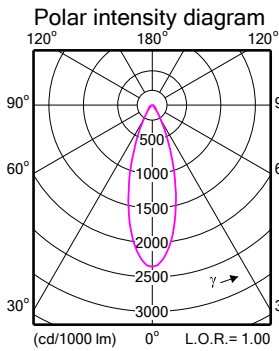
Plane Cone	0.0	45.0	90.0
45.0	11097	10357	10827
50.0	8533	7879	8292
55.0	6387	5824	6178
60.0	4496	4040	4325
65.0	3049	2690	2913
70.0	1864	1607	1766
75.0	1310	1094	1225
80.0	1247	996	1146
85.0	1247	926	1112
90.0	1551	1000	1300

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 50K 220V L57 1xLED 30

1 x 43215 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 90 97 99 100 100

UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	0.97

Ceiling mounted

Luminance Table

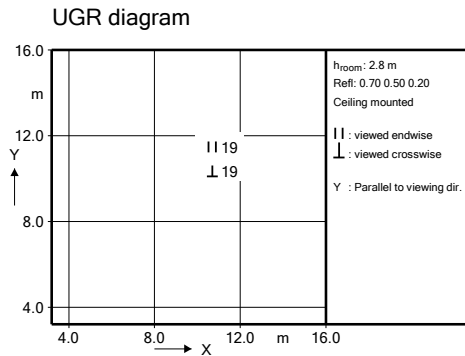
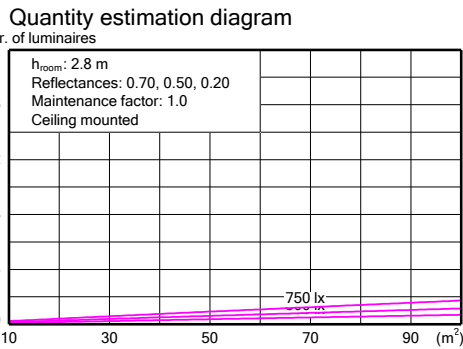
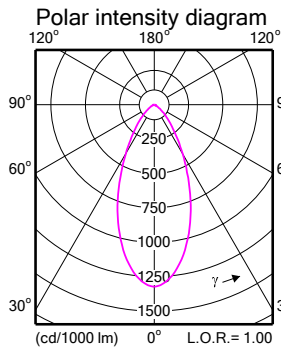
Plane Cone	0.0	45.0	90.0
45.0	12915	12055	12601
50.0	10363	9588	10070
55.0	8060	7350	7797
60.0	6056	5441	5825
65.0	4517	3986	4316
70.0	3184	2745	3016
75.0	2376	1985	2223
80.0	1915	1529	1760
85.0	1699	1262	1515
90.0	2032	1310	1704

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 50K 220V L57 1xLED 45

1 x 41725 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97

Ceiling mounted

Luminance Table

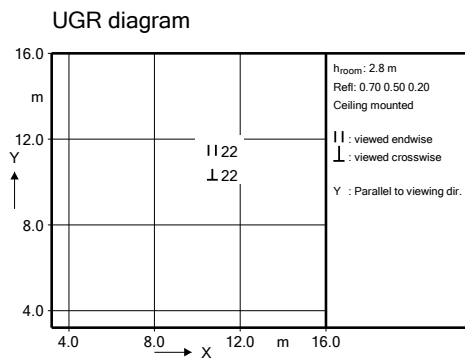
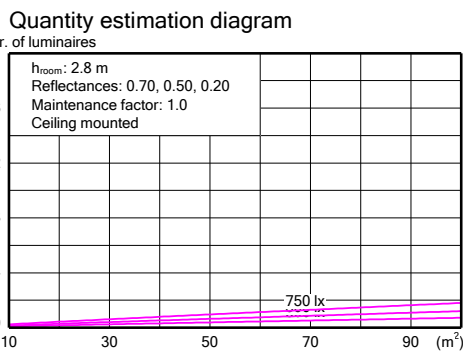
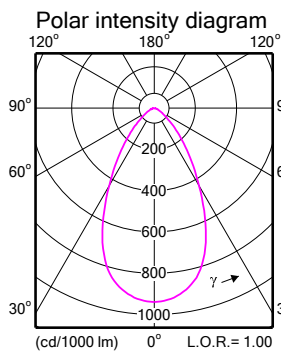
Plane Cone	0.0	45.0	90.0
45.0	24016	22415	23431
50.0	16384	15128	15921
55.0	10830	9876	10476
60.0	6864	6168	6603
65.0	4079	3599	3897
70.0	1912	1648	1811
75.0	1108	926	1037
80.0	1166	931	1071
85.0	1351	1003	1205
90.0	1859	1199	1559

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 50K 220V L57 1xLED 60

1 x 40730 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

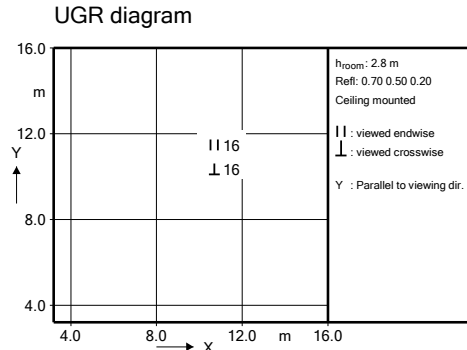
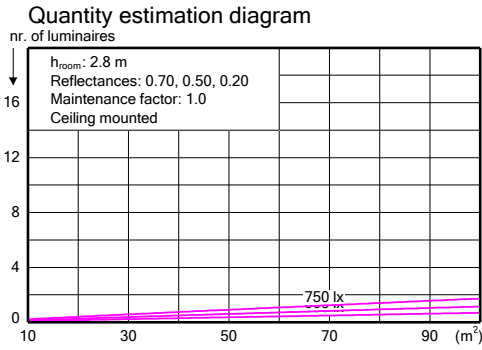
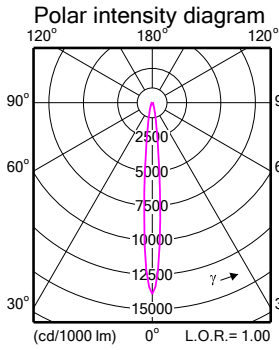
Plane Cone	0.0	45.0	90.0
45.0	27832	25977	27154
50.0	19238	17763	18695
55.0	13382	12203	12945
60.0	9906	8900	9529
65.0	7377	6509	7048
70.0	5153	4442	4880
75.0	3494	2919	3269
80.0	2528	2019	2323
85.0	1912	1420	1705
90.0	2005	1293	1681

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 57K 220V L57 1xLED 10

1 x 41210 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

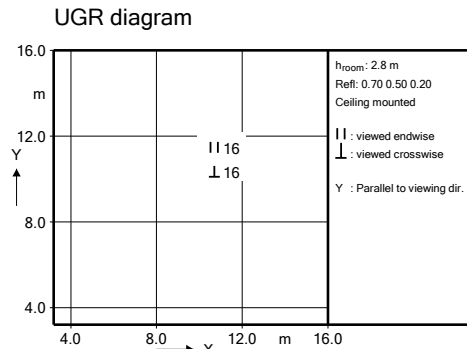
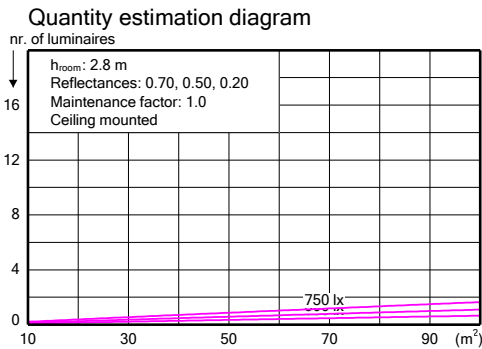
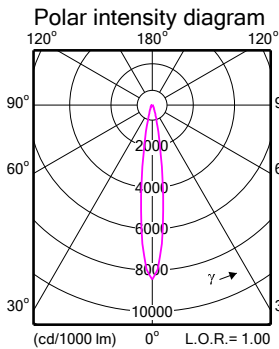
Plane Cone	0.0	45.0	90.0
45.0	11481	10716	11202
50.0	8615	7955	8372
55.0	6226	5678	6023
60.0	4404	3957	4237
65.0	3010	2656	2876
70.0	1860	1604	1762
75.0	1404	1173	1314
80.0	1520	1214	1396
85.0	1630	1210	1454
90.0	2221	1433	1863

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 57K 220V L57 1xLED 15

1 x 43270 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99	0.99

Ceiling mounted

Luminance Table

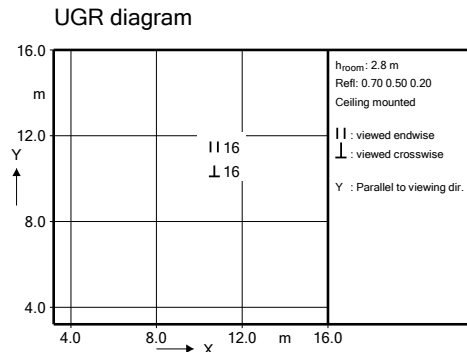
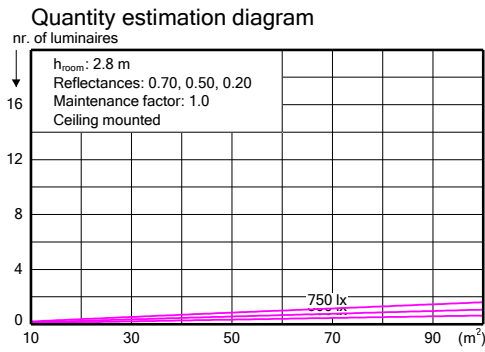
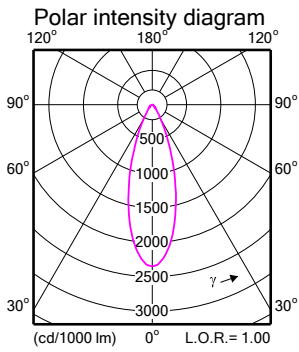
Plane Cone	0.0	45.0	90.0
45.0	11508	10741	11228
50.0	8849	8170	8599
55.0	6623	6040	6407
60.0	4662	4189	4485
65.0	3162	2790	3021
70.0	1933	1667	1831
75.0	1358	1135	1271
80.0	1293	1033	1188
85.0	1294	960	1154
90.0	1608	1037	1349

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 57K 220V L57 1xLED 30

1 x 44815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

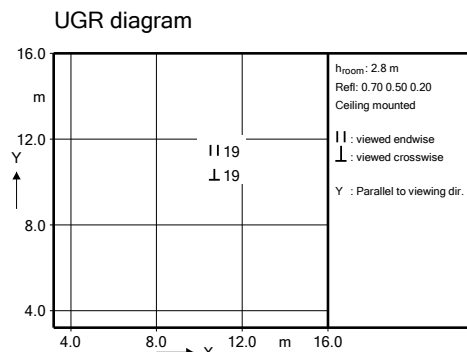
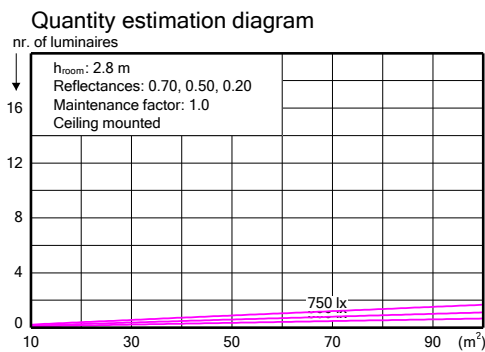
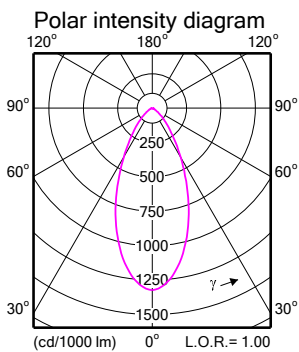
Plane Cone	0.0	45.0	90.0
45.0	13394	12501	13067
50.0	10746	9922	10443
55.0	8359	7622	8085
60.0	6280	5642	6041
65.0	4684	4133	4476
70.0	3302	2847	3127
75.0	2464	2059	2305
80.0	1986	1586	1825
85.0	1762	1308	1571
90.0	2107	1359	1767

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 57K 220V L57 1xLED 45

1 x 43270 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

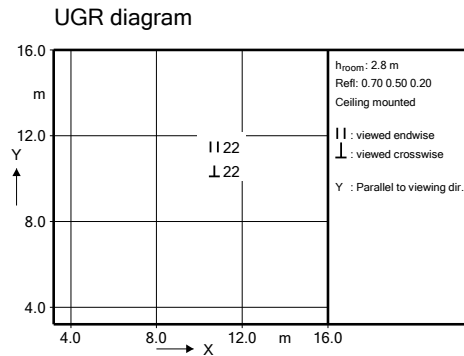
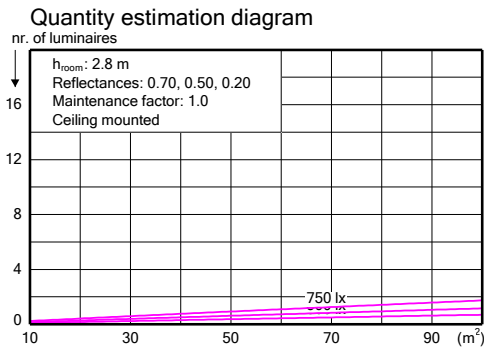
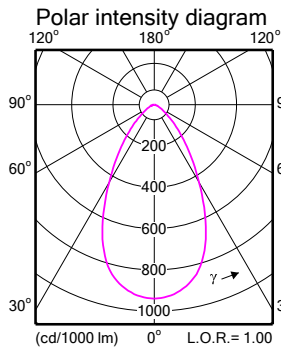
Plane Cone	0.0	45.0	90.0
45.0	24905	23245	24298
50.0	16991	15688	16511
55.0	11231	10241	10864
60.0	7118	6396	6848
65.0	4230	3732	4041
70.0	1983	1709	1878
75.0	1149	960	1075
80.0	1209	966	1111
85.0	1401	1041	1250
90.0	1928	1243	1616

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 57K 220V L57 1xLED 60

1 x 42240 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

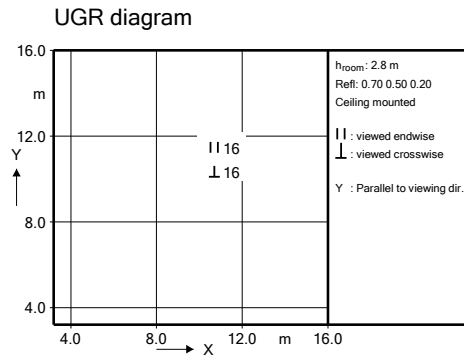
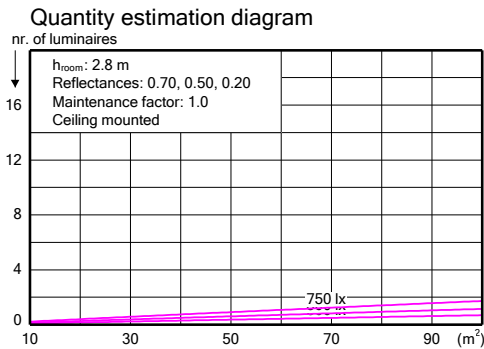
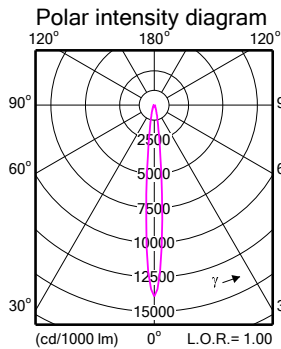
Plane Cone	0.0	45.0	90.0
45.0	28864	26940	28160
50.0	19951	18421	19388
55.0	13878	12655	13424
60.0	10273	9230	9883
65.0	7651	6750	7310
70.0	5344	4607	5061
75.0	3623	3027	3390
80.0	2622	2094	2409
85.0	1983	1472	1769
90.0	2079	1341	1744

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 65K 220V L57 1xLED 10

1 x 41210 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 92 98 100 100 100

UGRcen (4Hx8H, 0.25H) 15

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

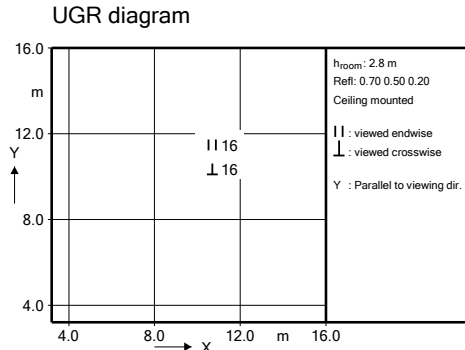
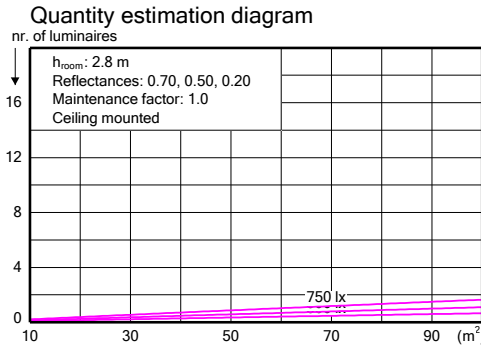
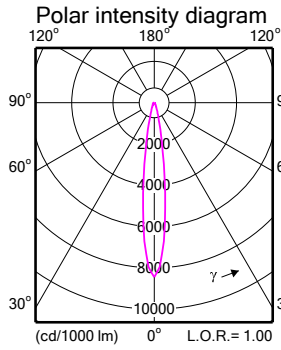
Plane Cone	0.0	45.0	90.0
45.0	11481	10716	11202
50.0	8615	7955	8372
55.0	6226	5678	6023
60.0	4404	3957	4237
65.0	3010	2656	2876
70.0	1860	1604	1762
75.0	1404	1173	1314
80.0	1520	1214	1396
85.0	1630	1210	1454
90.0	2221	1433	1863

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 65K 220V L57 1xLED 15

1 x 43270 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

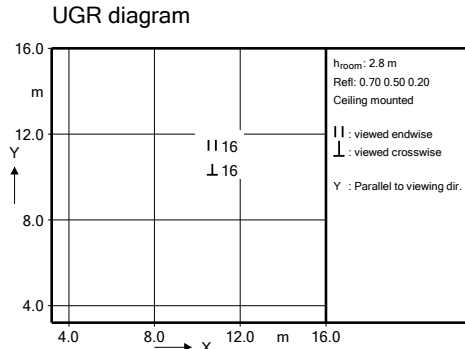
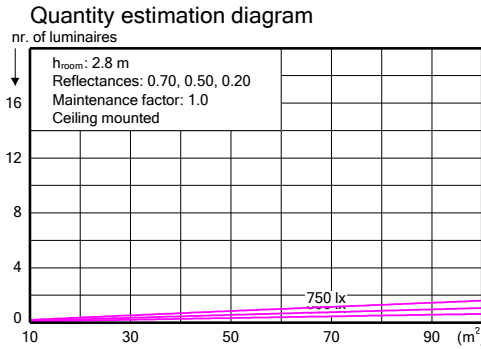
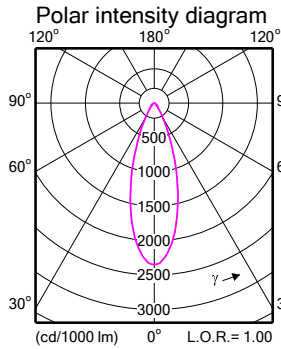
Plane Cone	0.0	45.0	90.0
45.0	11508	10741	11228
50.0	8849	8170	8599
55.0	6623	6040	6407
60.0	4662	4189	4485
65.0	3162	2790	3021
70.0	1933	1667	1831
75.0	1358	1135	1271
80.0	1293	1033	1188
85.0	1294	960	1154
90.0	1608	1037	1349

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 65K 220V L57 1xLED 30

1 x 44815 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	13394	12501	13067
50.0	10746	9922	10443
55.0	8359	7622	8085
60.0	6280	5642	6041
65.0	4684	4133	4476
70.0	3302	2847	3127
75.0	2464	2059	2305
80.0	1986	1586	1825
85.0	1762	1308	1571
90.0	2107	1359	1767

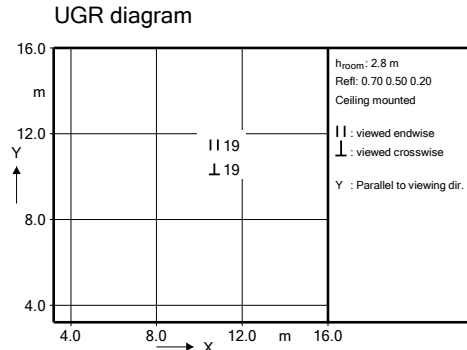
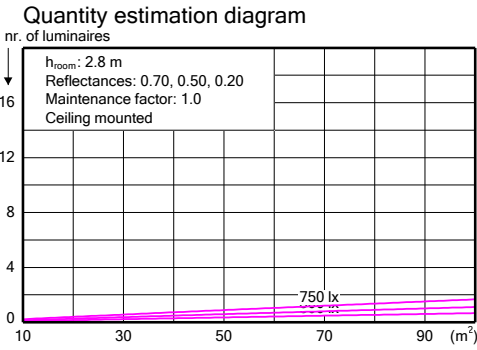
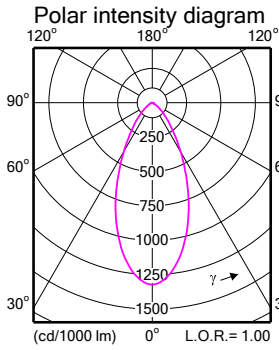
(cd/m<sup>2</sup>)

2021-08-30



BVP359 T 216LED 65K 220V L57 1xLED 45

1 x 43270 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 85 98 100 100 100

UGRcen (4Hx8H, 0.25H) 19

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

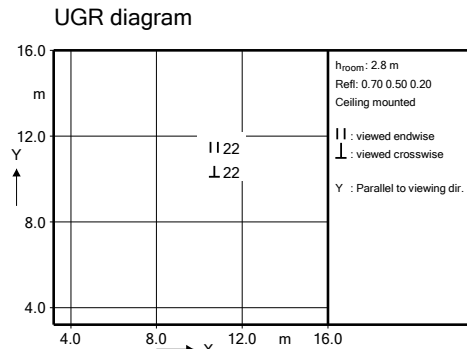
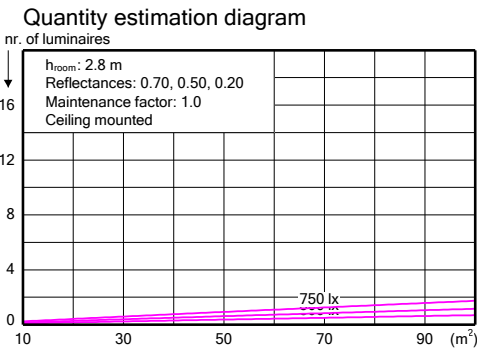
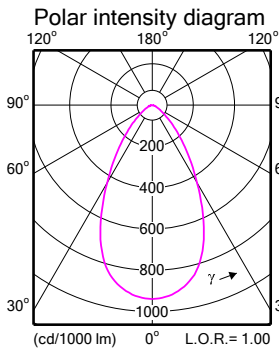
Plane Cone	0.0	45.0	90.0
45.0	24905	23245	24298
50.0	16991	15688	16511
55.0	11231	10241	10864
60.0	7118	6396	6848
65.0	4230	3732	4041
70.0	1983	1709	1878
75.0	1149	960	1075
80.0	1209	966	1111
85.0	1401	1041	1250
90.0	1928	1243	1616

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED 65K 220V L57 1xLED 60

1 x 42240 lm



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 80 96 99 100 100

UGRcen (4Hx8H, 0.25H) 21

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	28864	26940	28160
50.0	19951	18421	19388
55.0	13878	12655	13424
60.0	10273	9230	9883
65.0	7651	6750	7310
70.0	5344	4607	5061
75.0	3623	3027	3390
80.0	2622	2094	2409
85.0	1983	1472	1769
90.0	2079	1341	1744

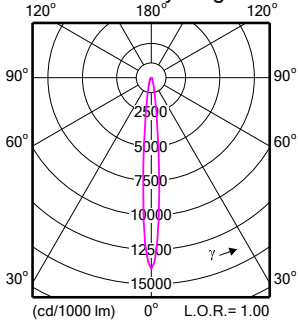
(cd/m<sup>2</sup>)

2021-08-30

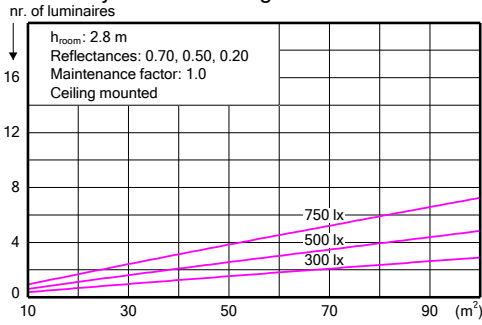
**BVP359 T 216LED BL 220V L57 1xLED 10**

1 x 9820 lm

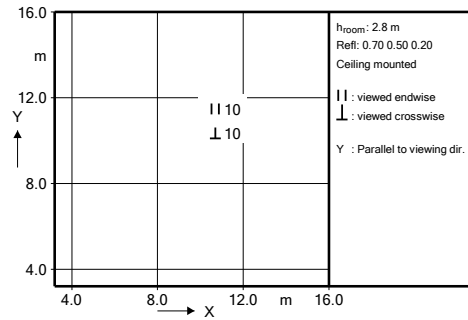
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 10  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2736	2554	2669
50.0	2053	1896	1995
55.0	1484	1353	1435
60.0	1050	943	1010
65.0	717	633	685
70.0	443	382	420
75.0	335	280	313
80.0	362	289	333
85.0	388	288	346
90.0	529	341	444

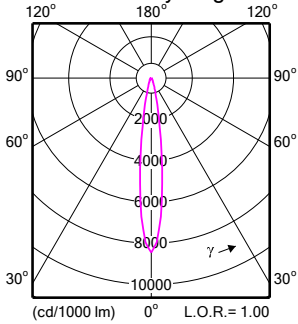
(cd/m2)

2021-08-30

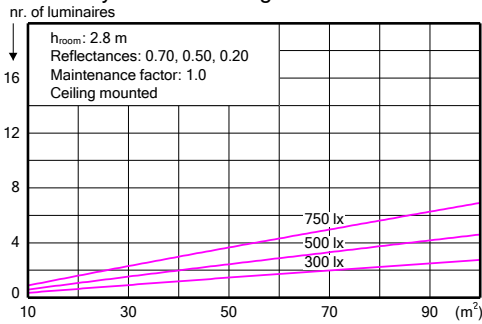
**BVP359 T 216LED BL 220V L57 1xLED 15**

1 x 10310 lm

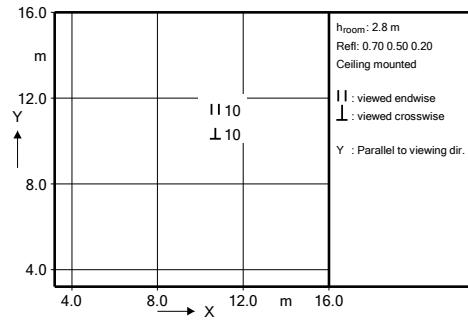
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 9  
 EN12464-1 65 deg, 1000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

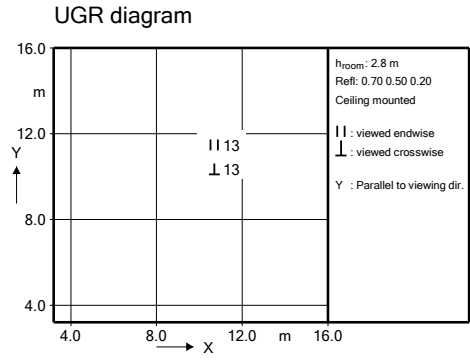
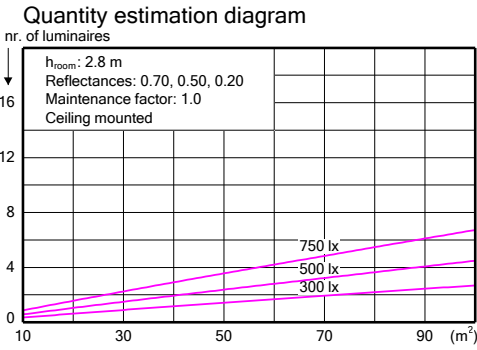
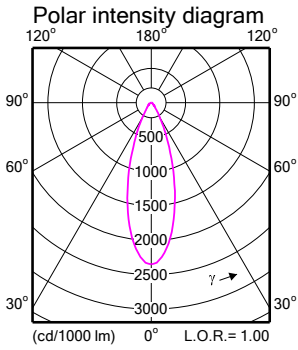
Plane Cone	0.0	45.0	90.0
45.0	2742	2559	2675
50.0	2108	1947	2049
55.0	1578	1439	1527
60.0	1111	998	1069
65.0	753	665	720
70.0	461	397	436
75.0	324	270	303
80.0	308	246	283
85.0	308	229	275
90.0	383	247	321

(cd/m2)

2021-08-30

BVP359 T 216LED BL 220V L57 1xLED 30

1 x 10680 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 11  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66	
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71	
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76	
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80	
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83	
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88	
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92	
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94	
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96	
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97	

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3192	2979	3114
50.0	2561	2365	2489
55.0	1992	1816	1927
60.0	1497	1345	1440
65.0	1116	985	1067
70.0	787	678	745
75.0	587	491	549
80.0	473	378	435
85.0	420	312	374
90.0	502	324	421

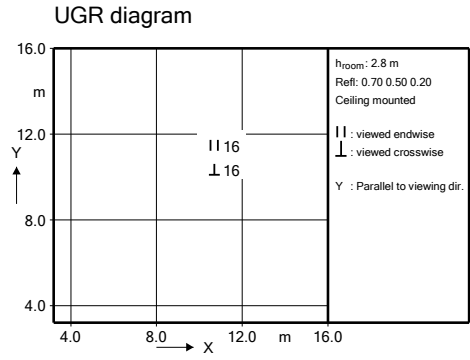
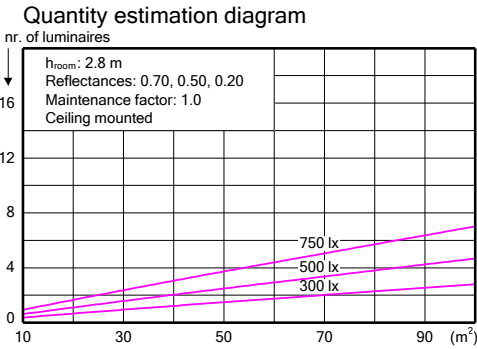
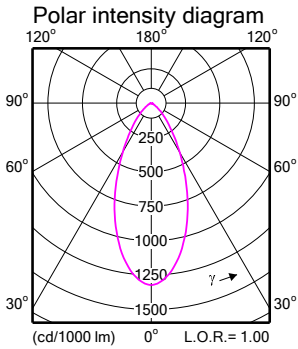
(cd/m2)

Ceiling mounted

2021-08-30

BVP359 T 216LED BL 220V L57 1xLED 45

1 x 10310 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 1500 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	5934	5539	5790
50.0	4048	3738	3934
55.0	2676	2440	2588
60.0	1696	1524	1632
65.0	1008	889	963
70.0	472	407	447
75.0	274	229	256
80.0	288	230	265
85.0	334	248	298
90.0	459	296	385

(cd/m2)

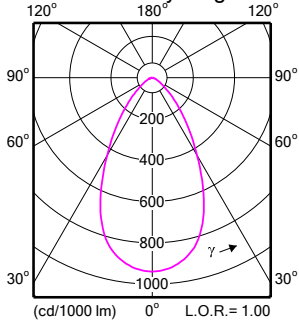
Ceiling mounted

2021-08-30

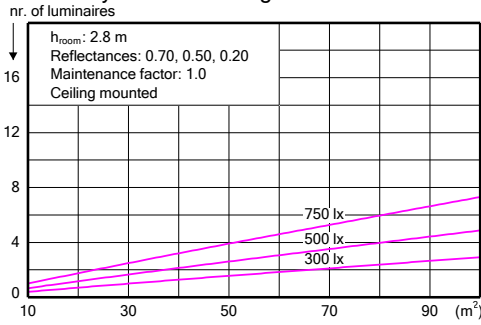
BVP359 T 216LED BL 220V L57 1xLED 60

1 x 10065 lm

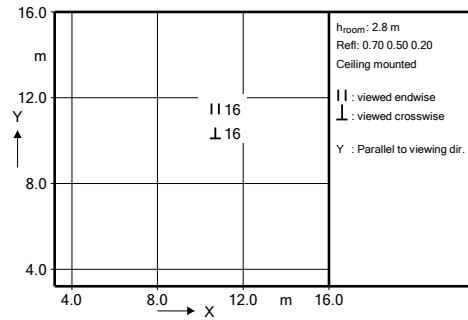
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6878	6419	6710
50.0	4754	4389	4620
55.0	3307	3016	3199
60.0	2448	2199	2355
65.0	1823	1609	1742
70.0	1273	1098	1206
75.0	863	721	808
80.0	625	499	574
85.0	473	351	421
90.0	495	320	415

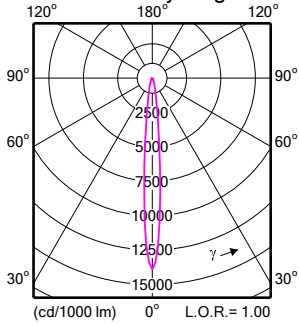
(cd/m2)

2021-08-30

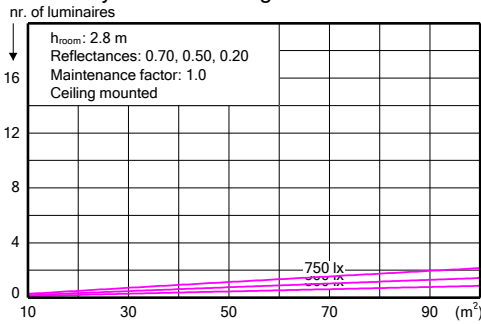
BVP359 T 216LED GN 220V L57 1xLED 10

1 x 33050 lm

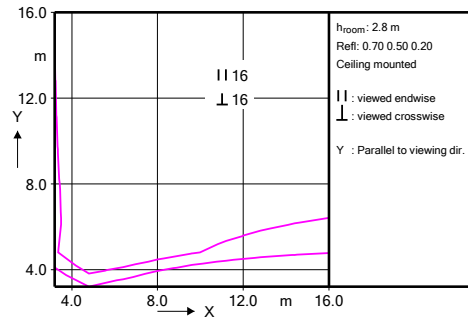
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

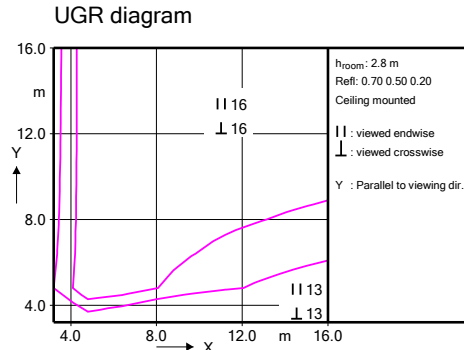
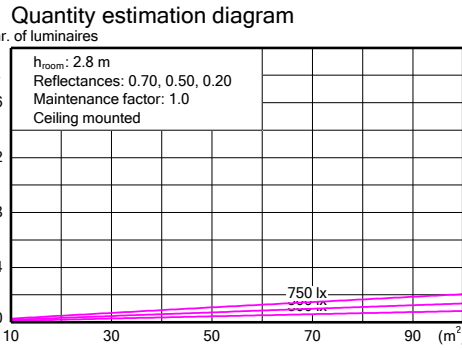
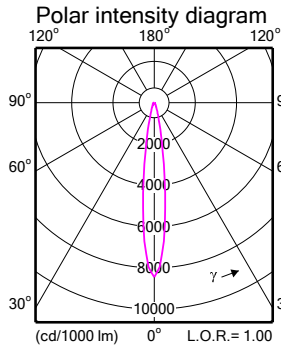
Plane Cone	0.0	45.0	90.0
45.0	9208	8594	8984
50.0	6909	6380	6714
55.0	4993	4553	4830
60.0	3532	3174	3398
65.0	2414	2130	2306
70.0	1492	1286	1413
75.0	1126	941	1054
80.0	1219	973	1120
85.0	1307	971	1166
90.0	1781	1149	1494

(cd/m2)

2021-08-30

BVP359 T 216LED GN 220V L57 1xLED 15

1 x 34705 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 92 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 14  
 EN12464-1 65 deg, 3000 cd/m2

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.80	0.76	0.79	0.77	0.76	0.72	0.71	0.69	0.71	0.69	0.67
0.80	0.87	0.82	0.86	0.83	0.81	0.77	0.77	0.74	0.76	0.74	0.73
1.00	0.93	0.87	0.92	0.89	0.86	0.83	0.82	0.79	0.81	0.79	0.78
1.25	0.99	0.91	0.97	0.94	0.90	0.87	0.86	0.84	0.85	0.83	0.82
1.50	1.03	0.94	1.01	0.97	0.93	0.90	0.89	0.87	0.88	0.86	0.85
2.00	1.10	0.98	1.08	1.02	0.97	0.95	0.94	0.92	0.93	0.92	0.90
2.50	1.14	1.01	1.12	1.06	1.00	0.98	0.97	0.96	0.96	0.95	0.93
3.00	1.18	1.03	1.15	1.08	1.02	1.01	0.99	0.98	0.98	0.97	0.95
4.00	1.21	1.05	1.18	1.11	1.04	1.03	1.02	1.01	1.00	0.99	0.97
5.00	1.24	1.06	1.20	1.12	1.05	1.04	1.03	1.02	1.01	1.01	0.99

Ceiling mounted

Luminance Table

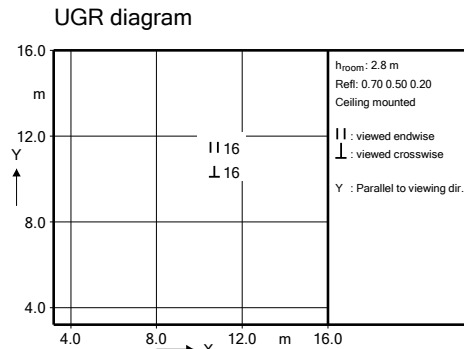
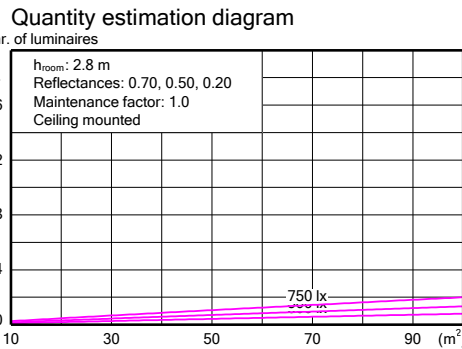
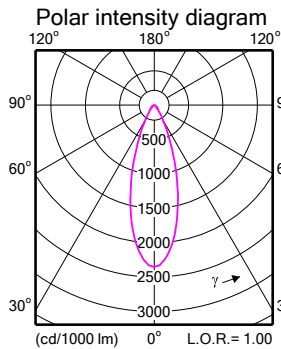
Plane Cone	0.0	45.0	90.0
45.0	9230	8615	9005
50.0	7097	6553	6897
55.0	5312	4844	5139
60.0	3739	3360	3597
65.0	2536	2238	2423
70.0	1551	1337	1469
75.0	1089	910	1019
80.0	1037	828	953
85.0	1038	770	925
90.0	1290	832	1082

(cd/m2)

2021-08-30

BVP359 T 216LED GN 220V L57 1xLED 30

1 x 35945 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 90 97 99 100 100  
 UGRcen (4Hx8H, 0.25H) 16

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.78	0.74	0.78	0.76	0.74	0.70	0.70	0.67	0.69	0.67	0.66
0.80	0.86	0.80	0.85	0.82	0.80	0.76	0.75	0.73	0.75	0.72	0.71
1.00	0.92	0.86	0.91	0.88	0.85	0.81	0.81	0.78	0.80	0.78	0.76
1.25	0.98	0.90	0.96	0.93	0.89	0.86	0.85	0.82	0.84	0.82	0.80
1.50	1.02	0.93	1.00	0.96	0.92	0.89	0.88	0.86	0.87	0.85	0.83
2.00	1.09	0.97	1.07	1.01	0.97	0.94	0.93	0.91	0.92	0.90	0.88
2.50	1.14	1.00	1.11	1.05	0.99	0.97	0.96	0.95	0.95	0.94	0.92
3.00	1.17	1.02	1.14	1.07	1.01	1.00	0.98	0.97	0.97	0.96	0.94
4.00	1.20	1.04	1.17	1.10	1.03	1.02	1.01	1.00	0.99	0.98	0.96
5.00	1.23	1.05	1.19	1.11	1.04	1.04	1.02	1.01	1.00	1.00	0.97

Ceiling mounted

Luminance Table

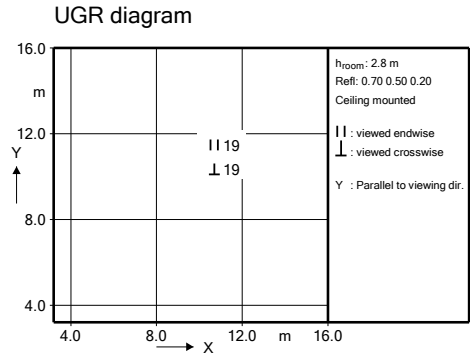
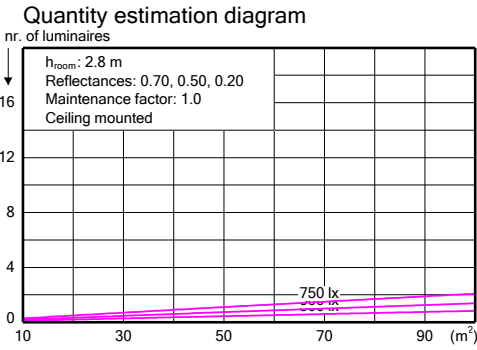
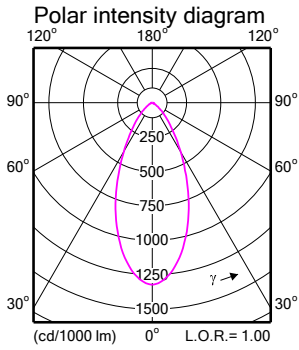
Plane Cone	0.0	45.0	90.0
45.0	10743	10027	10481
50.0	8619	7959	8376
55.0	6704	6113	6485
60.0	5037	4526	4845
65.0	3757	3315	3590
70.0	2649	2283	2508
75.0	1976	1651	1849
80.0	1593	1272	1464
85.0	1413	1049	1260
90.0	1690	1090	1417

(cd/m2)

2021-08-30

BVP359 T 216LED GN 220V L57 1xLED 45

1 x 34705 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 85 98 100 100 100  
 UGRcen (4Hx8H, 0.25H) 18

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.74	0.70	0.73	0.72	0.70	0.66	0.65	0.62	0.65	0.62	0.61	0.61
0.80	0.83	0.77	0.82	0.79	0.77	0.72	0.72	0.69	0.71	0.69	0.67	0.67
1.00	0.90	0.83	0.88	0.85	0.83	0.79	0.78	0.75	0.77	0.75	0.73	0.73
1.25	0.96	0.88	0.95	0.91	0.87	0.84	0.83	0.80	0.82	0.80	0.78	0.78
1.50	1.01	0.92	0.99	0.95	0.91	0.87	0.86	0.84	0.86	0.83	0.82	0.82
2.00	1.08	0.97	1.06	1.01	0.96	0.93	0.92	0.90	0.91	0.89	0.87	0.87
2.50	1.13	1.00	1.10	1.04	0.99	0.97	0.95	0.94	0.94	0.93	0.91	0.91
3.00	1.16	1.02	1.13	1.07	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93
4.00	1.20	1.04	1.17	1.09	1.03	1.02	1.00	0.99	0.99	0.98	0.96	0.96
5.00	1.22	1.05	1.19	1.11	1.04	1.03	1.01	1.01	1.00	0.99	0.97	0.97

Ceiling mounted

Luminance Table

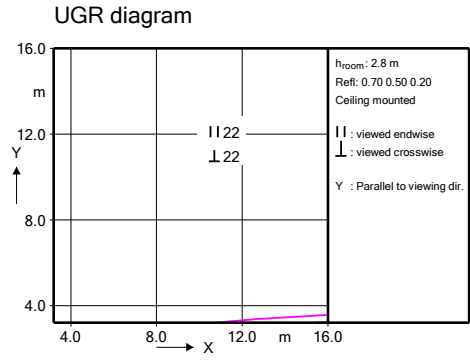
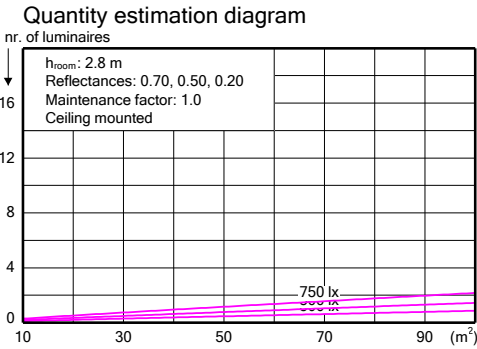
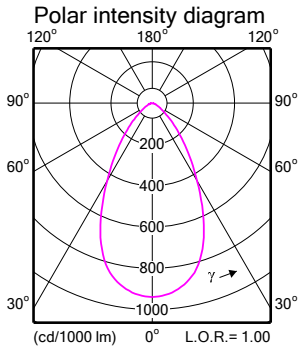
Plane Cone	0.0	45.0	90.0
45.0	19975	18644	19489
50.0	13627	12582	13243
55.0	9008	8214	8713
60.0	5709	5130	5492
65.0	3392	2993	3241
70.0	1590	1371	1506
75.0	922	770	862
80.0	970	774	891
85.0	1124	835	1002
90.0	1546	997	1297

(cd/m<sup>2</sup>)

2021-08-30

BVP359 T 216LED GN 220V L57 1xLED 60

1 x 33880 lm



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 80 96 99 100 100  
 UGRcen (4Hx8H, 0.25H) 20

Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00
0.60	0.70	0.67	0.70	0.68	0.67	0.62	0.61	0.58	0.61	0.58	0.57	0.57
0.80	0.79	0.75	0.78	0.76	0.74	0.69	0.69	0.65	0.68	0.65	0.64	0.64
1.00	0.87	0.81	0.86	0.83	0.80	0.75	0.75	0.72	0.74	0.71	0.70	0.70
1.25	0.94	0.86	0.92	0.88	0.85	0.81	0.80	0.77	0.79	0.77	0.75	0.75
1.50	0.99	0.89	0.97	0.92	0.89	0.85	0.84	0.81	0.83	0.81	0.79	0.79
2.00	1.06	0.95	1.04	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.85	0.85
2.50	1.11	0.98	1.08	1.02	0.97	0.95	0.93	0.92	0.92	0.91	0.89	0.89
3.00	1.15	1.00	1.12	1.05	0.99	0.97	0.96	0.94	0.95	0.93	0.91	0.91
4.00	1.19	1.03	1.15	1.08	1.02	1.00	0.98	0.97	0.97	0.96	0.94	0.94
5.00	1.21	1.04	1.17	1.10	1.03	1.02	1.00	0.99	0.98	0.97	0.95	0.95

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	23151	21608	22587
50.0	16002	14775	15551
55.0	11131	10151	10767
60.0	8240	7404	7927
65.0	6136	5414	5863
70.0	4286	3695	4059
75.0	2906	2428	2719
80.0	2103	1679	1932
85.0	1591	1181	1418
90.0	1668	1076	1399

(cd/m<sup>2</sup>)

2021-08-30