

LiteMagicLine in-ground Wall Washer

LiteMagicLine in-ground is a recessed in-ground mounted and exterior-rated LED wall washing and grazing luminaire that is designed for façade and outdoor architectural lighting applications. The robust mechanical and unique optical designs make it ideal for illuminating multi-story buildings façades, overpasses and any application that requires a linear underground lighting solution. High power LEDs, multiple symmetrical and asymmetrical spread lenses, DMX option with signal through-wiring for end-to-end connection available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations..



Key Features (BBP429)

- Standard: RGBW, RGB, 2700K, 3000K and 4000K
- Optional 5000K, Mono Colors and Tunable White
- Available in 300 and 1200mm lengths
- Symmetrical and Asymmetrical optical distributions
- Optional Honeycomb Glare Shield for Optical Comfort
- Robust Design & IP67/IK10 rating for outdoor use
- Load Resistance up to 20kN(static load)
- Available in DMX control interface option

Ordering guide

ex: BBP429 LED RGB 24V B2 L120 DMX

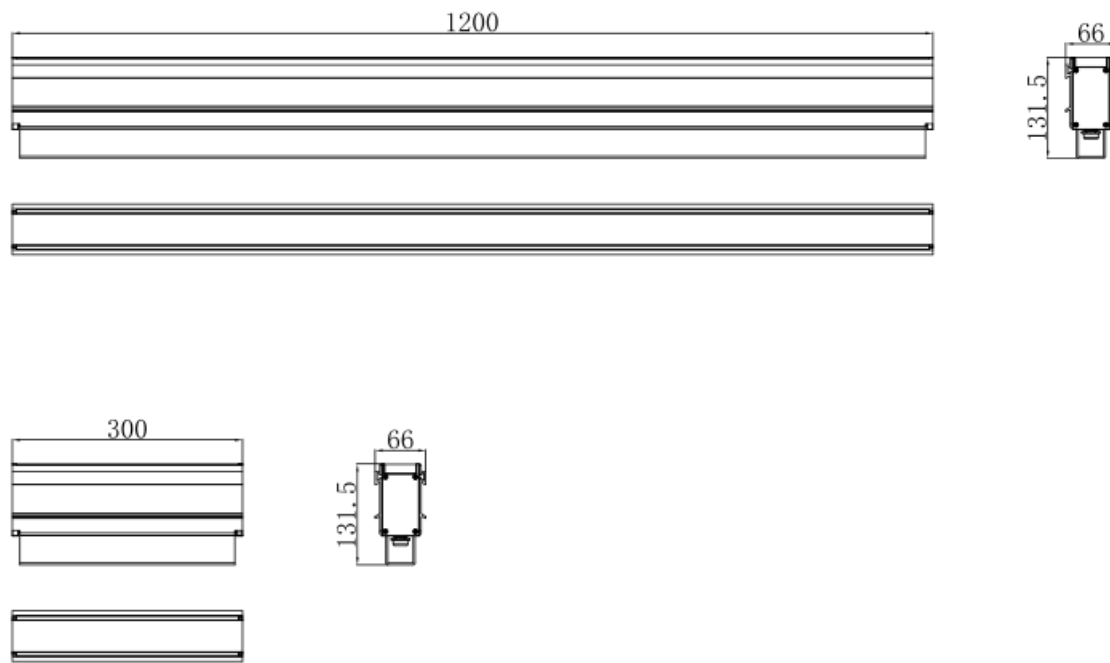
BBP429		LED		24V		L	
Family	Light Source	CCT / Color	Voltage	Beam Angle	Honeycomb	Length	Control
BBP429 – LiteMagicLine in-ground	LED	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K tW – 2700K~6500K ⁽¹⁾ RD – Red GN – Green BL – Blue RGB – RGB ⁽¹⁾ RGBNW – RGBW(4000K) ⁽¹⁾ RGBWW – RGBW (3000K) ⁽¹⁾	24V – 24V DC	NB – 17° NBHC-15° MB – 30° MBHC-25° WB – 45° WBHC-30° B4 – 21x48° B4 HC-17x30° B3 – 22x40° B3 HC-20x30° NB – 17° NBHC-15° MB – 30° MBHC-25° WB – 50° WBHC-35° B1 – 15x25° B1 HC- 13x20° B2 – 19x46° B2 HC- 17x30° B5 – 25x50° B5 HC- 20x30°	Blank – Without glare shield /HC – With integrated Honeycomb glareshield(2)	L30 – 300mm L120 – 1200mm	Blank – On/Off DMX – DMX

(1) Only available with DMX control

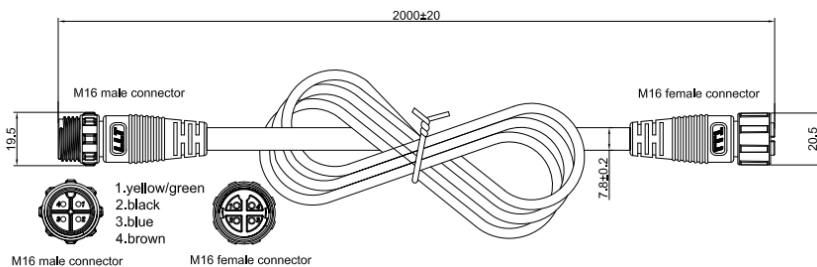
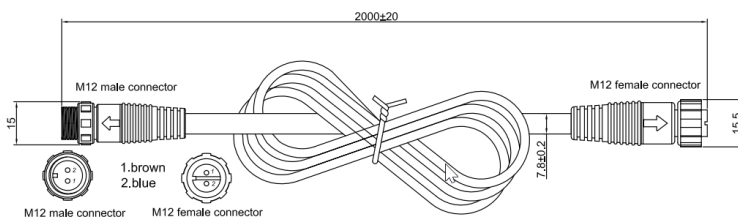
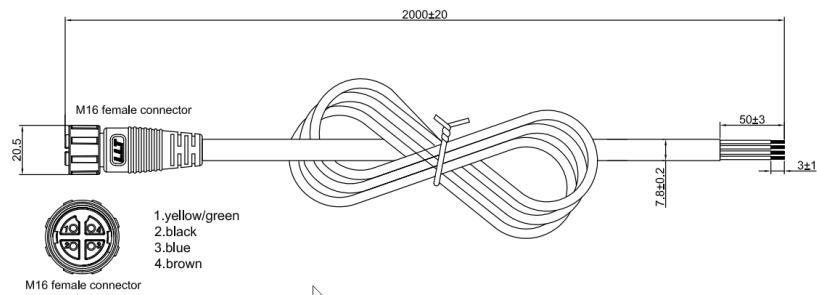
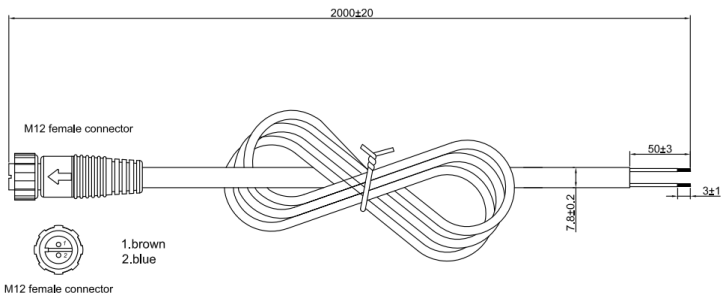
Product Data

Product Family	LiteMagicLine in-ground Wall Washer(BBP429)	
Dimensions (L x W x H)	300/1200 mm x 53 mm x 108 mm (without inground box) 300/1200 mm x 66 mm x 131.5 mm (with inground box)	
Source	High power LED	
Lumen Maintenance	50,000 hrs L70B50 at 35°C (WH) 50,000 hrs L50B50 at 35°C (RGB)	
Inground Box	300/1200 mm x 66 mm x 131.5 mm	
Finishing	Anodized Aluminum	
Lenses	Anti-aging and anti-UV high optical efficiency PMMA lenses	
Cover	Clear tempered glass	
Control Interfaces	On/Off DMX512	
Input Voltage	24V DC	
Maximum Current	6A	
IEC Classification	Class III	
Power Cable (On/Off)	2 pole flat cable L=25cm, 2x1.0mm ² with connectors	
Power/Signal Cable (DMX)	4 pole flat cable L=25cm, 4x1.0mm ² with connectors	
Connectors	IP67 male/female connectors for through power and/or signal wiring	
Lengths	300mm	1200mm
Number of LEDs	9LED (WH)	36LED (WH)
	12LED (RGB)	42LED (RGB)
	12LED(RGBW)	48LED (RGBW)
Max Power Consumption	9W	36W
Max Weight	1.5 Kg	5.2 Kg
Standard CRI (White LEDs)	80	
White SDCM	5	
Colors Wavelength	R: 620 to 632nm; G: 525 to 531nm; B: 472 to 476nm (For RGB and RGBW version)	
Standard CCT/Colors	2700K, 3000K, 4000K	RGB, RGBW
Standard Optics	B4=21°x48°	B2=19°x46°
ETO Optics	NB/MB/WB/B3/B1/B5	NB/MB/WB/B3/B1/B5
Temperature Range	-40°C to 50°C (Operating) -35°C to 50°C (Startup) -40°C to 70°C (Storage)	
Protection Rating	IP67, IK10	
Load Resistance	Up to 20KN(static load)	
Certifications	CE, CB	
Warranty	3 Years	

Luminaire Dimensions: (mm)



Accessory Dimensions: (mm)



Order Information:

12NC	Product Description	Power(W)
911401594291	BBP429 LED 40K 24V B4 L30	9
911401594391	BBP429 LED 40K 24V B4 L120	36
911401594491	BBP429 LED RGB 24V B2 L30 DMX	9
911401594591	BBP429 LED RGB 24V B2 L120 DMX	36
911401594691	BBP429 LED RGBWW 24V B2/HC L30 DMX	9
911401594791	BBP429 LED RGBWW 24V B2/HC L120 DMX	36
911401594891	ZXP429 Jump 2P DC cable 2m	
911401594991	ZXP429 Lead 2P DC cable 2m	
911401595091	ZXP429 Jump 4P DC/DMX cable 2m	
911401595191	ZXP429 Lead 4P DC/DMX cable 2m	

Rated Lumen Output ($\pm 10\%$):

L30 Version (without honeycomb glare shield)

CCT/Color (All channels On)	B4
2700K	680
3000K	720
4000K	760
CCT/Color (All channels On)	B2
RGB	490
RGBNW	630
RGBWW	620

L120 Version (without honeycomb glare shield)

CCT/Color (All channels On)	B4
2700K	2820
3000K	2930
4000K	3040
CCT/Color (All channels On)	B2
RGB	2090
RGBNW	2750
RGBWW	2700

Rated Lumen Output ($\pm 10\%$):

L30 Version (with honeycomb glare shield)

CCT/Color (All channels On)	B4
2700K	290
3000K	310
4000K	330
CCT/Color (All channels On)	B2
RGB	190
RGBNW	230
RGBWW	230

L120 Version (with honeycomb glare shield)

CCT/Color (All channels On)	B4
2700K	1230
3000K	1280
4000K	1330
CCT/Color (All channels On)	B2
RGB	810
RGBNW	1010
RGBWW	990

