LiteMagic Line In ground Wall Washer

BBP429 G2

LiteMagic Line in-ground is a recessed inground 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

- Standard: 3000K, 4000K, RGB, RGB30K, RGB40K
- Optional: 2200K,2700K,3000K,4000K,5000K,Red,Green, Blue,Amber
- On-off (24V DC version) / DMX (24V DC version)
- Robust Design & IP67 rating for outdoor use
- 50K hours lifetime
- Wide Range of Beam Angles from Narrow to Wide

Ordering guide

BBP429 G2 LED XX 24V YY L120 DMX

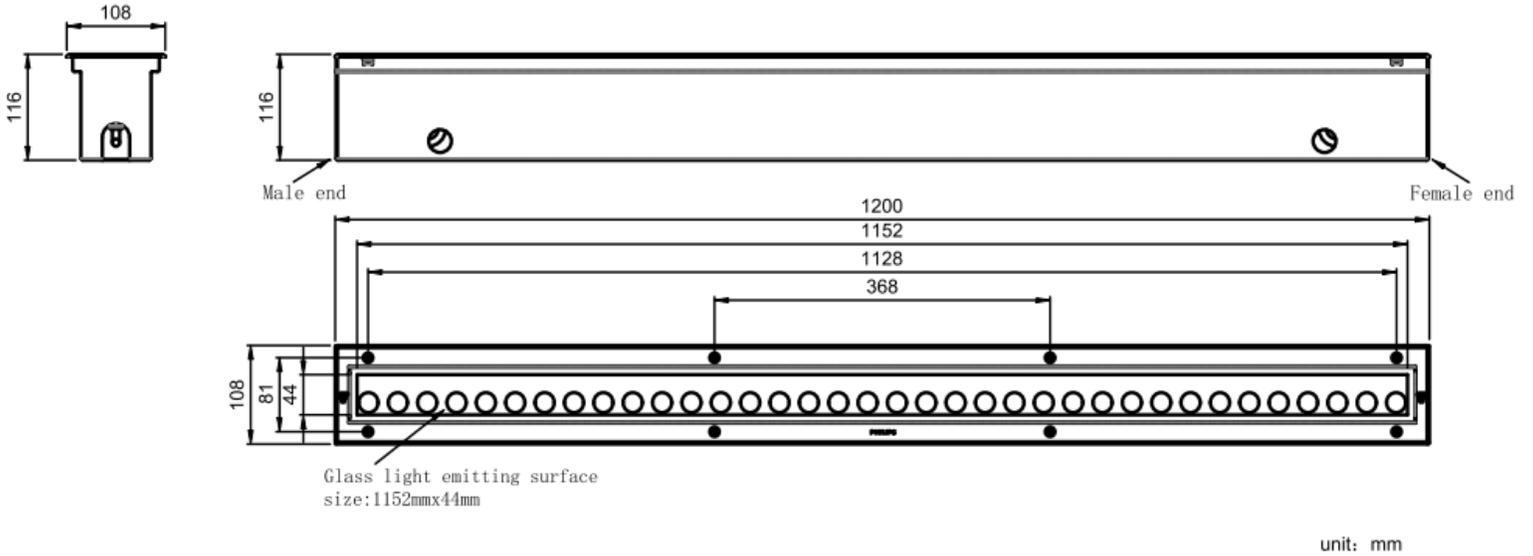| BBP429 G2	LED	XX	24V	YY	LXX	DMX/ON/OFF
Family	**# of LEDs**	**CCT / Color**	**Voltage**	**Beam Angles**	**Length**	**Control**
BBP429 G2– LiteMagic Line In ground		**22K** – 2200K **27K** – 2700K **30K** – 3000K **40K** – 4000K **50K** – 5000K **B** – Blue **R** – Red **G** – Green RGB RGB30K RGB40K	**24V** – 24V	10 -10° 12- 12° 30- 30° 40- 40° 50- 50° E1 – 20°x55° E2 – 25°x50° E3 – 12°x40° E4 – 20°x30° E5– 30°x45°	L30--L=300MM L60--L=600MM L90—L=900MM L120--L=120MM	*Blank* – Without glare shield **/HC** – With integrated Honeycomb glareshield(2) **DMX** – DMX512 — On/Off

(1)   RGB, RGBW are available only in DMX control
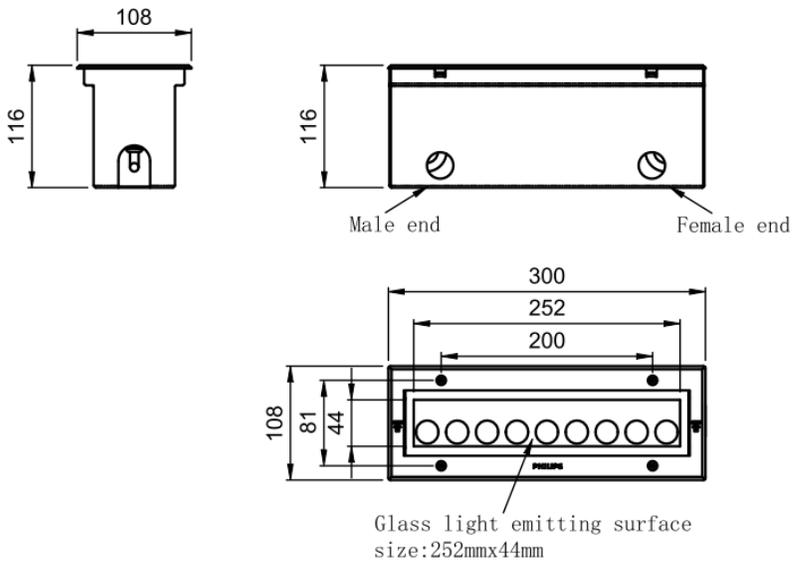
Product Data

Product Family	LiteMagic Line In_ground (BBP429 G2)			
Dimensions (W x H x D)	L120：1200x108x116mm (with Embedded device) L30：300x108x116mm (with Embedded device)			
Source	High power LED			
Lumen Maintenance	50,000 hrs L70			
Housing & housing color	Frame: Stainless steel Housing: Aluminum			
Lenses	Anti-aging and anti-UV high optical efficiency PC lenses			
Gasket	Silicon			
Cover	Clear tempered glass			
Max Weight	L120:10.59 kg L30: 2.87 kg			
Inrush Current	Max 7.00A			
Maximum Number of Luminaires on 16A MCB (Type B)	3 units for DC24V version			
Total Harmonic Distortion	/			
IEC Classification	Class III for ONOFF; Class III for DMX			
Power Cable	2 pole round cable L=30cm, 2x1.31mm^2 with single flying wires			
Signal Cable	5 pole round cable L=30cm, 2x1.31mm^2 +3x0.52mm^{2}with two flying wires (DMX versions only)			
Cables Connectors	IP67 male/female connectors			
Beam Angles	White/RGB: 20X55° (E1) RGBW: 25*50°(E2)			
Max Power Consumption	L120: 50W L30:12.5W			
Control Interfaces	On/Off	DMX512		
Input Voltage	24V DC	24V DC		
Max Number of LEDs	L120:36 LED/L30:9LED	L120:36 LED/L30:9LED		
Standard CCT OR Colors	3000K/4000K	3000K/4000K	RGB	RGBW (W=30 or 40K)
Standard CRI	80(<=4000K);70(>=5000K)			
White SDCM	4			
Colors Wavelengths	R:625±5nm，G:530±5nm B:470±5nm			
Temperature Range	-40°C to 50°C (Operating) -35°C to 50°C (Startup) -40°C to 70°C (Storage)			
Protection Rating	IP67, IK10			
Certifications	CE, CB, EMC			
Warranty	3 Years			
ETO options	**White: 10°/30°/40°/50° /20°*30° (E4); RGB: 12°/30°/12°*40° (E3) RGBW: 30°/30°*45° (E5)**			

Luminaire Dimensions:

L120=1200mm

108

116

116

Male end

Female end

1200
1152
1128
368

108
81
44

Glass light emitting surface
size:1152mmx44mm

unit：mm

L30=300mm

108

116

116

Male end

Female end

300
252
200

108
81
44

Glass light emitting surface
size:252mmx44mm

Order Information:

12NC	SAP/Product Description	Wattage	Control Interface	CCT/Color
911401903289	BBP429 G2 LED 30K 24V E1 L120	50W	On-off	3000K
911401903290	BBP429 G2 LED 40K 24V E1 L120	50W	On-off	4000K
911401903291	BBP429 G2 LED 30K 24V E1 L120 DMX	50W	DMX	3000K
911401903292	BBP429 G2 LED 40K 24V E1 L120 DMX	50W	DMX	4000K
911401903293	BBP429 G2 LED RGB30K 24V E2 L120 DMX	50W	DMX	RGBW(W=3000K)
911401903294	BBP429 G2 LED RGB40K 24V E2 L120 DMX	50W	DMX	RGBW(W=4000K)
911401903295	BBP429 G2 LED RGB 24V E1 L120 DMX	50W	DMX	RGB
911401903296	BBP429 G2 LED 30K 24V E1 L30	12.5W	On-off	3000K
911401903297	BBP429 G2 LED 40K 24V E1 L30	12.5W	On-off	4000K
911401903298	BBP429 G2 LED 30K 24V E1 L30 DMX	12.5W	DMX	3000K
911401903299	BBP429 G2 LED 40K 24V E1 L30 DMX	12.5W	DMX	4000K
911401903301	BBP429 G2 LED RGB30K 24V E2 L30 DMX	12.5W	DMX	RGBW(W=3000K)
911401903302	BBP429 G2 LED RGB40K 24V E2 L30 DMX	12.5W	DMX	RGBW(W=4000K)
911401903303	BBP429 G2 LED RGB 24V E1 L30 DMX	12.5W	DMX	RGB

[1]Other options are available upon request

Accessories：

12NC	Description
911401903304	ZXP429 G2 Lead 2P DC cable 2m to M CONN
911401903305	ZXP429 G2 Jump 2P DC cable 2m
911401903306	ZXP429 G2 Lead 5P DC/DMX cable 2m
911401903307	ZXP429 G2 Jump 5P DC/DMX cable 2m
911401903384	ZXP429 G2 Lead 2P DC cable 2m to F CONN
911401903385	ZXP429 G2 Y-connect kit 5P DC/DMX
911401903386	ZXP429 G2 endcap 2P to M CONN(10pcs)
911401903387	ZXP429 G2 endcap 2P to F CONN(10pcs)
911401903388	ZXP429 G2 endcap 5P to M CONN(10pcs)
911401903389	ZXP429 G2 endcap 5P to F CONN(10pcs)
911401903782	ZXP429 G2 Jump 5P DMX connector

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