



# DigiStreet

## BGP760 LED16-/830 II DN11 DGR D11 62

DigiStreet Micro, LED module 1600 lm, 830 warm white, Safety class II, Distribution narrow 11, Dark gray, Spigot for diameter 62 mm

Developed with the aim to become your long term partner, the system ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come!. Its two sockets enable you to connect directly to the Philips CityTouch system and is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystems for bats or 2) preserve a dark night sky.

### Product data

General Information		
Lamp family code	LED16 [LED module 1600 lm]	B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source replaceable	Yes	
Number of gear units	1 unit	
Gear	EB [Electronic]	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example	
Light source engine type	LED	
Product family code	BGP760 [DigiStreet Micro]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	

Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

### Light Technical

Upward light output ratio	0
Luminous Flux	1,456 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution narrow 11

### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.295 ms
Power Consumption	11.8 W
Power Factor (Fraction)	0.98
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	48

### Temperature

Ambient temperature range	-40 to +50 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray

Mounting device	Spigot for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	695 mm
Overall width	236 mm
Overall height	103 mm
Effective projected area	0.0578 m <sup>2</sup>
Dimensions (Height x Width x Depth)	103 x 236 x 695 mm

### Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

### Product Data

Order product name	BGP760 LED16-/830 II DN11 DGR D11 62
Full product name	BGP760 LED16-/830 II DN11 DGR D11 62
Full product code	871869637682900
Order code	910925863557
Material Nr. (12NC)	910925863557
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696376829
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696376829

Dimensional drawing

