DigiStreet

BGP762 LED139-/830 II DM11 DGR D9 62

DigiStreet Medium, LED module 13900 lm, 830 warm white, Safety class II, Distribution medium 11, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 62 mm

Developed with the aim of becoming 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 it 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 optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

General Information

Lamp family code	LED139 [LED module 13900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP762 [DigiStreet Medium]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0

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Luminous Flux	12,740 lm		**Overall height**	107 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.068 m²
Standard tilt angle side entry	0°		**Dimensions (Height x Width x Depth)**	107 x 361 x 860 mm
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	140 lm/W		**Approval and Application**	
Color rendering index (CRI)	80		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	830 warm white			
Optical cover type	Flat glass		**Mech. impact protection code**	IK09 [10 J]
Luminaire light beam spread	160° – 42° x 54°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Optic type outdoor	Distribution medium 11			
			Sustainability rating	Lighting for circularity
Operating and Electrical			**Protection class IEC**	Safety class II
Input Voltage	220-240 V		**Photobiological risk**	Photobiological risk group 0 @200mm to EN62778
Line Frequency	50 to 60 Hz			
Inrush current	53 A			
Inrush time	0.3 ms		**Initial Performance (IEC Compliant)**	
Power Consumption	91 W		**Luminous flux tolerance**	+/-7%
Power Factor (Fraction)	0.99		**Initial chromaticity**	(0.43. 0.40) SDCM <5
Connection	Screw connector		**Power consumption tolerance**	+/-10%
Cable	–		**Init. Color Rendering Index Tolerance**	+/-2
Number of products on MCB of 16 A type B	8			
			Over Time Performance (IEC Compliant)	
Temperature			**Control gear failure rate at median useful life 100000 h**	10 %
Ambient temperature range	–40 to +50 °C			
			Lumen maintenance at median useful life* 100000 h	L97
Controls and Dimming				
Dimmable	Yes		**Application Conditions**	
Driver/power unit/transformer	Power supply unit with DALI interface		**Performance ambient temperature Tq**	25 °C
Control interface	DALI		**Maximum dim level**	Not applicable
Constant light output	No			
			Product Data	
Mechanical and Housing			**Order product name**	BGP762 LED139-/830 II DM11 DGR D9 62
Housing Material	Aluminum die cast		**Full product name**	BGP762 LED139-/830 II DM11 DGR D9 62
Reflector material	Polycarbonate		**Full product code**	871869637829800
Optic material	Acrylate		**Order code**	37829800
Optical cover material	Glass		**Material Nr. (12NC)**	910925866228
Fixation material	Stainless steel		**Numerator – Quantity Per Pack**	1
Housing Color	Dark gray		**EAN/UPC – Product/Case**	8718696378298
Mounting device	Spigot for diameter 62 mm		**Numerator – Packs per outer box**	1
Optical cover shape	Flat		**EAN/UPC – Case**	8718696378298
Optical cover finish	Clear			
Overall length	860 mm			
Overall width	361 mm			

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Dimensional drawing

www.lighting.philips.com

2023, April 19 – data subject to change