DigiStreet

BGP762 LED139-/830 II DM11 DGR D9 62

DigiStreet Medium, LED module 13900 lm, 830 warm white, Safety class II, Distribution medium 31, Dark grey, Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode, Spigot for diameter 60 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	No
Number of gear units	Unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Product family code	BGP762 [DigiStreet Medium]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years

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Flammability mark	–		**Mounting device**	Spigot for diameter 60 mm
ENEC mark	ENEC mark		**Optical cover/lens shape**	Flat
Glow-wire test	Temperature 650 °C, duration 5 s		**Optical cover/lens finish**	Clear
EU RoHS compliant	Yes		**Overall length**	860 mm
			Overall width	361 mm
Light Technical			**Overall height**	107 mm
Upwards light output ratio	0		**Effective projected area**	0.068 m²
Luminous Flux	12,600 lm		**Dimensions (height x width x depth)**	107 x 361 x 860 mm
Standard tilt angle post-top	0°			
Standard tilt angle side entry	0°		**Approval and Application**	
Correlated Colour Temperature	3000 K		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminous efficacy (rated) (nom.)	124 lm/W		**Mech. impact protection code**	IK09 [10 J]
Colour rendering index (CRI)	80		**Surge Protection (Common/Differential)**	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Light source colour	830 warm white		**Protection class IEC**	Safety class II
Optical cover type	Flat glass		**Photobiological risk**	Photobiological risk group 0 @200mm to EN62778
Luminaire light beam spread	–			
Optic type outdoor	Distribution medium 31			
			Initial Performance (IEC Compliant)	
Operating and Electrical			**Luminous flux tolerance**	+/-7%
Input Voltage	220-240 V		**Initial chromaticity**	(0.43, 0.40) SDCM <5
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Initial CLO power consumption	– W		**Init. Color Rendering Index Tolerance**	+/-2
Average CLO power consumption	– W			
End CLO power consumption	– W		**Over Time Performance (IEC Compliant)**	
Inrush current	53 A		**Control gear failure rate at median useful life 100,000 h**	10 %
Inrush time	0.3 ms			
Power Consumption	102 W		**Lumen maintenance at median useful life* 100,000 h**	L92
Power Factor (Fraction)	0.99			
Connection	Screw connection block 3-pole			
Cable	–		**Application Conditions**	
Number of products on MCB of 16 A type B	8		**Performance ambient temperature Tq**	25 °C
			Maximum dim level	Not applicable
Temperature				
Ambient temperature range	-40 to +50 °C		**Product Data**	
			Order product name	BGP762 LED139-/830 II DM11 DGR D9 62
Controls and Dimming			**Full product name**	BGP762 LED139-/830 II DM11 DGR D9 62
Driver/power unit/transformer	Power supply unit with DynaDimmer		**Full EOC**	871869637829800
Control interface	–		**Order code**	37829800
Constant light output	No		**Material no. (12 NC)**	910925863706
			SAP numerator – quantity per pack	1
Mechanical and Housing			**EAN/UPC — Product/Case**	8718696378298
Housing material	Aluminium		**Numerator – packs per outer box**	1
Reflector material	Polycarbonate		**EAN/UPC – Case**	8718696378298
Optic material	Acrylate			
Optical cover/lens material	Glass			
Fixation material	Steel			
Housing Colour	Dark grey			

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Dimensional drawing

www.lighting.philips.com

2023, April 29 – data subject to change