PHILIPS Lighting

DigiStreet

BGP762 LED120-/830 II DN11 DGR D11 76

DigiStreet Medium, LED module 12000 lm, 830 warm white, Safety class II, Distribution narrow 11, Dark grey, Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode, Spigot for diameter 76 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	LED120 [LED module 12000 lm]
Light source replaceable	Yes
Number of gear units	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

Upwards light output ratio	0

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Luminous Flux	10,800 lm		Effective projected area	0.068 m²
Standard tilt angle post-top	0°		Dimensions (height x width x depth)	107 x 361 x 860 mm
Standard tilt angle side entry	0°			
Correlated Colour Temperature	3000 K		**Approval and Application**	
Luminous efficacy (rated) (nom.)	119 lm/W		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Colour rendering index (CRI)	80			
Light source colour	830 warm white		Mech. impact protection code	IK09 [10 J]
Optical cover type	Flat glass		Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Luminaire light beam spread	53° x 71°			
Optic type outdoor	Distribution narrow 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 100,000 h	10 %
Ambient temperature range	–40 to +50 °C			
			Lumen maintenance at median useful life* 100,000 h	L96
Controls and Dimming				
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit regulating external		**Application Conditions**	
Control interface	–		Performance ambient temperature Tq	25 °C
Constant light output	No		Maximum dim level	Not applicable
Mechanical and Housing			**Product Data**	
Housing material	Aluminium die cast		Order product name	BGP762 LED120-/830 II DN11 DGR D11 76
Reflector material	Polycarbonate		Full product name	BGP762 LED120-/830 II DN11 DGR D11 76
Optic material	Acrylate		Full EOC	871869637827400
Optical cover/lens material	Glass		Order code	37827400
Fixation material	Stainless steel		Material no. (12 NC)	910925866220
Housing Colour	Dark grey		SAP numerator – quantity per pack	1
Mounting device	Spigot for diameter 76 mm		EAN/UPC — Product/Case	8718696378274
Optical cover/lens shape	Flat		Numerator – packs per outer box	1
Optical cover/lens finish	Clear		EAN/UPC – Case	8718696378274
Overall length	860 mm			
Overall width	361 mm			
Overall height	107 mm			

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Dimensional drawing

www.lighting.philips.com

2023, April 14 – data subject to change