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

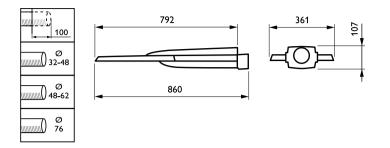
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Luminous Flux	10 800 lm
	10,800 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	119 lm/W
Colour rendering index (CRI)	80
Light source colour	830 warm white
Optical 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	53 A
Inrush time	0.3 ms
Power Consumption	91 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	8
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
	1 otycarbonate
Optic material	Acrylate
Optic material Optical cover/lens material	
	Acrylate
Optical cover/lens material	Acrylate Glass
Optical cover/lens material Fixation material	Acrylate Glass Stainless steel
Optical cover/lens material Fixation material Housing Colour Mounting device	Acrylate Glass Stainless steel Dark grey
Optical cover/lens material Fixation material Housing Colour Mounting device Optical cover/lens shape	Acrylate Glass Stainless steel Dark grey Spigot for diameter 76 mm
Optical cover/lens material Fixation material Housing Colour Mounting device Optical cover/lens shape Optical cover/lens finish	Acrylate Glass Stainless steel Dark grey Spigot for diameter 76 mm Flat Clear
Optical cover/lens material Fixation material Housing Colour Mounting device Optical cover/lens shape Optical cover/lens finish Overall length	Acrylate Glass Stainless steel Dark grey Spigot for diameter 76 mm Flat Clear 860 mm
Optical cover/lens material Fixation material Housing Colour Mounting device Optical cover/lens shape Optical cover/lens finish	Acrylate Glass Stainless steel Dark grey Spigot for diameter 76 mm Flat Clear

Effective projected area	0.068 m²
Dimensions (height x width x depth)	107 x 361 x 860 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 up to 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 Complia	nt)
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	L96
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BGP762 LED120-/830 II DN11 DGR D11 76
Full product name	BGP762 LED120-/830 II DN11 DGR D11 76
Full EOC	871869637827400
Order code	37827400
Material no. (12 NC)	910925866220
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696378274
Numerator – packs per outer box	1
EAN/UPC - Case	8718696378274

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Dimensional drawing





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