# **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 gray, Luminaire surge protection level until 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	No
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
	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
Flammability mark	-

### **DigiStreet**

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	10,800 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	121 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	

Mounting device	Spigot for diameter 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	361 mm
Overall height	107 mm
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 until 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778

+/-7%

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	89 W
Power Factor (Fraction)	0.99
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B 8	

-40 to +50 °C

#### Temperature

Ambient temperature range

#### **Controls and Dimming**

•	
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	Dark gray

#### Initial chromaticity (0.43, 0.40) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant)

Initial Performance (IEC Compliant)

Luminous flux tolerance

Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful life\* L91

100000 h

#### **Application Conditions**

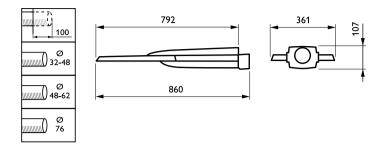
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

#### **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 product code	871869637827400
Order code	37827400
Material Nr. (12NC)	910925863704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696378274
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696378274

## DigiStreet

#### Dimensional drawing





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