PHILIPS Lighting



DigiStreet

BGP762 LED129-/740 I DM11 DGR 32-48

DigiStreet Medium, LED module 12900 lm, 740 neutral white, Safety class I, Distribution medium 11, Dark grey, Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode, Spigot for diameter 32 to 48 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	LED129 [LED module 12900 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

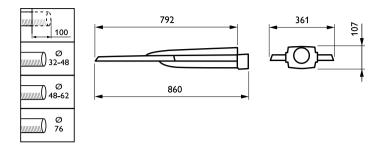
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Luminous Flux	11,830 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
	4000 K
Correlated Colour Temperature	
Luminous efficacy (rated) (nom.)	164 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 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	72 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	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Housing Colour	Dark grey
Mounting device	Spigot for diameter 32 to 48 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Glass
	Clear
Overall length	860 mm
Overall length Overall width	
	860 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-
ingress protection code	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6
Suge Protection (Common/Dimerential)	kV differential mode and 8 kV common
	mode
Sustainability rating	-
	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38. 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	
	L97
100,000 h	L97
100,000 h	L97
100,000 h Application Conditions	
100,000 h Application Conditions Performance ambient temperature Tq	25 °C
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100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC	25 °C Not applicable BGP762 LED129-/740 I DM11 DGR 32-48 BGP762 LED129-/740 I DM11 DGR 32-48 871869637828100
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Dimensional drawing





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