



DigiStreet

BGP762 LED169-/740 I DS50 DGR SRB 62

DigiStreet Medium, LED module 16900 lm, 740 neutral white, Safety class I, Distribution symmetrical 50, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 62 mm

Developed with the aim to become 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 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 an optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

General Information			
Lamp family code	LED169 [LED module 16900 lm]		B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BGP762 [DigiStreet Medium]
Driver included	Yes	Lighting Technology	LED
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	Value ladder	Specification
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark

EU RoHS compliant	Yes
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Light Technical

Upward light output ratio	0
Luminous Flux	14,790 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	30°
Optic type outdoor	Distribution symmetrical 50

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	65 A
Inrush time	0.33 ms
Power Consumption	104 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	6

Temperature

Ambient temperature range	-40 to +50 °C
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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	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel

Housing Color	Dark gray
Mounting device	Spigot for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	361 mm
Overall height	129 mm
Effective projected area	0.068 m²
Dimensions (Height x Width x Depth)	129 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 I

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 Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L90

Application Conditions

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

Product Data

Order product name	BGP762 LED169-/740 I DS50 DGR SRB 62
Full product name	BGP762 LED169-/740 I DS50 DGR SRB 62
Full product code	871869638599900
Order code	910925864483
Material Nr. (12NC)	910925864483
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696385999
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696385999

Dimensional drawing

