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BGP762 LED169–/740 I DS50 DGR 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 60 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]
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	–

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ENEC mark	ENEC mark		**Housing Color**	Dark gray
Glow-wire test	Temperature 650 °C, duration 5 s		**Mounting device**	Spigot for diameter 60 mm
EU RoHS compliant	Yes		**Optical cover shape**	Flat
			Optical cover finish	Clear
Light Technical			**Overall length**	860 mm
Upward light output ratio	0		**Overall width**	361 mm
Luminous Flux	14,596 lm		**Overall height**	107 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.068 m²
Standard tilt angle side entry	0°		**Dimensions (Height x Width x Depth)**	107 x 361 x 860 mm
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	130 lm/W		**Approval and Application**	
Color rendering index (CRI)	70		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Number of light sources	1		**Mech. impact protection code**	IK09 [10 J]
Light source color	740 neutral white		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV
Optical cover type	Flat glass			differential mode and 8 kV common mode
Luminaire light beam spread	32° x 29°		**Protection class IEC**	Safety class I
Optic type outdoor	Distribution symmetrical 50		**Photobiological risk**	Photobiological risk group 0 @200mm to EN62778
Operating and Electrical			**Initial Performance (IEC Compliant)**	
Input Voltage	220-240 V		**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz		**Initial chromaticity**	(0.38, 0.38) SDCM <5
Initial CLO power consumption	– W		**Power consumption tolerance**	+/-10%
Average CLO power consumption	– W		**Init. Color Rendering Index Tolerance**	+/-2
End CLO power consumption	– W			
Inrush current	53 A		**Over Time Performance (IEC Compliant)**	
Inrush time	0.3 ms		**Control gear failure rate at median useful life 100000 h**	10 %
Power Consumption	112 W			
Power Factor (Fraction)	0.99		**Lumen maintenance at median useful life* 100000 h**	L90
Connection	Screw connection block 3-pole			
Cable	–			
Number of products on MCB of 16 A type B	8		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	Not applicable
Ambient temperature range	–40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BGP762 LED169-/740 I DS50 DGR 62
Dimmable	No		**Full product name**	BGP762 LED169-/740 I DS50 DGR 62
Driver/power unit/transformer	Power supply unit (On/Off)		**Full product code**	871869637832800
Control interface	–		**Order code**	910925863709
Constant light output	No		**Material Nr. (12NC)**	910925863709
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696378328
Housing Material	Aluminum		**Numerator – Packs per outer box**	1
Reflector material	Polycarbonate		**EAN/UPC – Case**	8718696378328
Optic material	Acrylate			
Optical cover material	Glass			
Fixation material	Steel			

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Dimensional drawing

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2023, December 5 – data subject to change