DigiStreet

BGP761 LED84-/740 I DS50 DGR 32-48

DigiStreet Mini, LED module 8400 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 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	LED84 [LED module 8400 lm]
Light source replaceable	Yes
Number of gear units	1 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	BGP761 [DigiStreet Mini]

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

Upward light output ratio	0

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Luminous Flux	7,392 lm		**Overall height**	107 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.0666 m²
Standard tilt angle side entry	0°		**Dimensions (Height x Width x Depth)**	107 x 236 x 860 mm
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	149 lm/W		**Approval and Application**	
Color rendering index (CRI)	70		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white			
Optical cover type	Flat glass		**Mech. impact protection code**	IK09 [10 J]
Luminaire light beam spread	32° x 29°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Optic type outdoor	Distribution symmetrical 50			
			Sustainability rating	Lighting for circularity
Operating and Electrical			**Protection class IEC**	Safety class I
Input Voltage	220-240 V		**Photobiological risk**	Photobiological risk group 0 @200mm to EN62778
Line Frequency	50 to 60 Hz			
Inrush current	46 A			
Inrush time	0.25 ms		**Initial Performance (IEC Compliant)**	
Power Consumption	49.5 W		**Luminous flux tolerance**	+/-7%
Power Factor (Fraction)	0.98		**Initial chromaticity**	(0.38. 0.38) SDCM <5
Connection	Screw connector		**Power consumption tolerance**	+/-10%
Cable	–		**Init. Color Rendering Index Tolerance**	+/-2
Number of products on MCB of 16 A type B	11			
			Over Time Performance (IEC Compliant)	
Temperature			**Control gear failure rate at median useful life 100000 h**	10 %
Ambient temperature range	–40 to +50 °C			
			Lumen maintenance at median useful life* 100000 h	L97
Controls and Dimming				
Dimmable	No			
Driver/power unit/transformer	Power supply unit (On/Off)		**Application Conditions**	
Control interface	–		**Performance ambient temperature Tq**	25 °C
Constant light output	No		**Maximum dim level**	Not applicable
Mechanical and Housing			**Product Data**	
Housing Material	Aluminum die cast		**Order product name**	BGP761 LED84-/740 I DS50 DGR 32-48
Reflector material	Polycarbonate		**Full product name**	BGP761 LED84-/740 I DS50 DGR 32-48
Optic material	Acrylate		**Full product code**	871869637701700
Optical cover material	Glass		**Order code**	37701700
Fixation material	Stainless steel		**Material Nr. (12NC)**	910925866235
Housing Color	Dark gray		**Numerator – Quantity Per Pack**	1
Mounting device	Spigot for diameter 32 to 48 mm		**EAN/UPC – Product/Case**	8718696377017
Optical cover shape	Flat		**Numerator – Packs per outer box**	1
Optical cover finish	Clear		**EAN/UPC – Case**	8718696377017
Overall length	860 mm			
Overall width	236 mm			

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Dimensional drawing