PHILIPS Lighting

DigiStreet

BGP761 LED90-/740 II DW10 DGR 62

DigiStreet Mini, LED module 9000 lm, 740 neutral white, Safety class II, Distribution wide 10, 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 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	LED90 [LED module 9000 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	8,100 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)	159 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	61° x 150°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Optic type outdoor	Distribution wide 10			
			Sustainability rating	Lighting for circularity
Operating and Electrical			**Protection class IEC**	Safety class II
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	51 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		**Application Conditions**	
Driver/power unit/transformer	Power supply unit (On/Off)		**Performance ambient temperature Tq**	25 °C
Control interface	–		**Maximum dim level**	Not applicable
Constant light output	No			
			Product Data	
Mechanical and Housing			**Order product name**	BGP761 LED90-/740 II DW10 DGR 62
Housing Material	Aluminum die cast		**Full product name**	BGP761 LED90-/740 II DW10 DGR 62
Reflector material	Polycarbonate		**Full product code**	871869637702400
Optic material	Acrylate		**Order code**	37702400
Optical cover material	Glass		**Material Nr. (12NC)**	910925866241
Fixation material	Stainless steel		**Numerator – Quantity Per Pack**	1
Housing Color	Dark gray		**EAN/UPC – Product/Case**	8718696377024
Mounting device	Spigot for diameter 62 mm		**Numerator – Packs per outer box**	1
Optical cover shape	Flat		**EAN/UPC – Case**	8718696377024
Optical cover finish	Clear			
Overall length	860 mm			
Overall width	236 mm			

data subject to change

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Dimensional drawing

www.lighting.philips.com

2023, April 19 – data subject to change