



DigiStreet

BGP761 LED109-/740 I DM10 DGR DDF27 D18

DigiStreet Mini, LED module 10900 lm, 740 neutral white, Safety class I, Distribution medium 10, Dark gray, DynaDimmer with fixed presets version 27, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Spigot for diameter 32 to 48 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	LED109 [LED module 10900 lm]	Product family code	BGP761 [DigiStreet Mini]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Specification
Driver included	Yes	Embedded control	DynaDimmer with fixed presets version 27
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	CE mark	Yes
Light source engine type	LED	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	9,790 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	156 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	157° - 33° x 55°
Optic type outdoor	Distribution medium 10

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	63 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	Internal (no external connection)
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 32 to 48 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm

Overall width	236 mm
Overall height	107 mm
Effective projected area	0.0666 m²
Dimensions (Height x Width x Depth)	107 x 236 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 10 kV differential mode and 10 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 Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	50%

Product Data

Order product name	BGP761 LED109-/740 I DM10 DGR DDF27 D18
Full product name	BGP761 LED109-/740 I DM10 DGR DDF27 D18
Full product code	871869638206600
Order code	910925866233
Material Nr. (12NC)	910925866233
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696382066
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696382066

Dimensional drawing

