



DigiStreet

BGP761 LED79-/830 II DM70 DGR DDF27 D18

DigiStreet Mini, LED module 7900 lm, 830 warm white, Safety class II, Distribution medium 70, Dark gray, DynaDimmer with fixed presets version 27, 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	LED79 [LED module 7900 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
Embedded control	DynaDimmer with fixed presets version 27
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	7,040 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optical cover/lens type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 70

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	60 W
Power Factor (Fraction)	0.98
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/lens material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 62 mm
Optical cover/lens shape	Flat
Optical cover/lens 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 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <5
Luminous flux tolerance	+/-7%
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	L97

Application Conditions

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

Product Data

Full product code	871869637700000
Order product name	BGP761 LED79-/830 II DM70 DGR DDF27 D18
Order code	37700000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866239
Full product name	BGP761 LED79-/830 II DM70 DGR DDF27 D18
EAN/UPC - Case	8718696377000
EAN/UPC - Product/Case	8718696377000

Dimensional drawing

