



DigiStreet

BGP762 LED159-/830 II DM70 DGR DDF27 D18

DigiStreet Medium - LED module 15900 lm - 830 warm white - Safety class II (II) - Distribution medium 70 - 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 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	LED159 [LED module 15900 lm]
Light source color	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	-
Control interface	Internal (no external connection)

Connection	SI [Screw connection block]
Cable	-
Protection class IEC	Safety class II (II)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 70

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	8
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP762 [DigiStreet Medium]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.99

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	62 [Spigot for diameter 62 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	860 mm
Overall width	361 mm
Overall height	107 mm
Effective projected area	0.068 m ²

Color	Dark gray
Dimensions (Height x Width x Depth)	107 x 361 x 860 mm (4.2 x 14.2 x 33.9 in)

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	13920 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	118 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	118 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

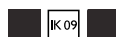
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

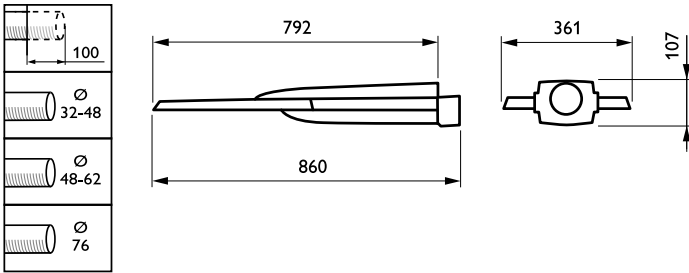
Ambient temperature range	-40 to +50 °C
Maximum dim level	50%

Product Data

Full product code	871869637831100
Order product name	BGP762 LED159-/830 II DM70 DGR DDF27 D18
EAN/UPC - Product	8718696378311
Order code	37831100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866221
Net Weight (Piece)	8.940 kg

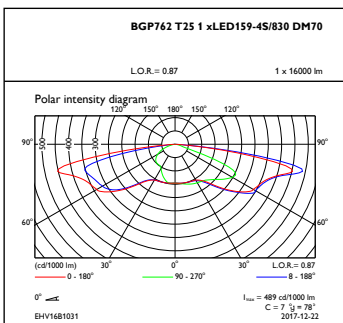


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1_BGP762T251xLED159-4S830DM70

