



DigiStreet

BGP762 LED100-/830 II DM11 DGR D9 62

DigiStreet Medium - LED module 10000 lm - 830 warm white - Safety class II - Distribution medium 11 - Dark Grey - Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode - Spigot for diameter 60 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	LED100 [LED module 10000 lm]
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	160° - 42° x 54°
Control interface	DALI

Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class II
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Distribution medium 11

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB	8
LED engine type	LED
Product Family Code	BGP762 [DigiStreet Medium]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	53 A
Inrush time	0.3 ms
Power factor (min.)	0.96

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	60 [Spigot for diameter 60 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
Colour	Dark Grey
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 up to 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

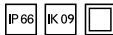
Initial luminous flux	9100 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	73 W
Power consumption tolerance	+/-11%

Application Conditions

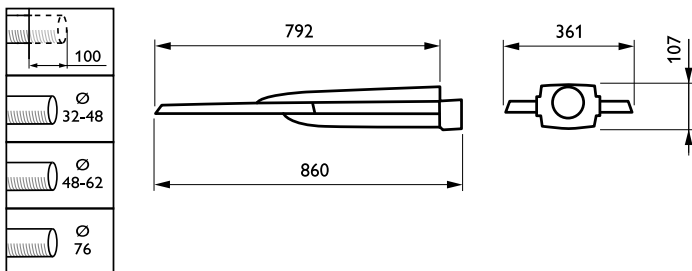
Ambient temperature range	-40 to +50 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869637825000
Order product name	BGP762 LED100-/830 II DM11 DGR D9 62
EAN/UPC – product	8718696378250
Order code	37825000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925866227
Net weight (piece)	8.940 kg



Dimensional drawing



DigiStreet BGP760-BTP764

