



DigiStreet

BGP762 LW10 LED95-/740 I DM10 DGR SRB 32

DigiStreet Medium, LED module 9500 lm, 740 neutral white, Safety class I, Distribution medium 10, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 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	LED95 [LED module 9500 lm]	B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BGP762 [DigiStreet Medium]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example	Value ladder	Specification
		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	8,640 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	152 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	32° x 94°
Optic type outdoor	Distribution medium 10

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	65 A
Inrush time	0.33 ms
Power Consumption	57 W
Power Factor (Fraction)	0.92
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	6

Temperature

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

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	GPRS network
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	361 mm
Overall height	147 mm
Effective projected area	0.068 m²
Dimensions (Height x Width x Depth)	147 x 361 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
Protection class IEC	Safety class I

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	L94

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

Product Data

Order product name	BGP762 LW10 LED95-/740 I DM10 DGR SRB 32
Full product name	BGP762 LW10 LED95-/740 I DM10 DGR SRB 32
Full product code	871869638600200
Order code	910925864484
Material Nr. (12NC)	910925864484
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696386002
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696386002

Dimensional drawing

