



# DigiStreet

## BGP760 LED10-/740 I DM10 DGR 32-48

DigiStreet Micro, LED Module 1000 lm, 740 neutral white, Safety class I, Distribution medium 10, Spigot for diameter 32 to 48 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	LED10 [LED Module 1000 lm]	
Light source replaceable	Yes	
Number of gear units	Unit	
Gear	EB [Electronic]	
Driver included	Yes	
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the	B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type		LED
Product family code		BGP760 [DigiStreet Micro]
Lighting Technology		LED
Value ladder		Specification
CE mark		Yes
Warranty period		5 years
Flammability mark		-
ENEC mark		ENEC mark
Glow-wire test		Temperature 650 °C, duration 5 s

EU RoHS compliant	Yes
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#### Light Technical

Upwards light output ratio	0
Luminous Flux	900 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	132 lm/W
Colour rendering index (CRI)	70
Number of light sources	1
Light source colour	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	15 A
Inrush time	0.295 ms
Power Consumption	6.8 W
Power Factor (Fraction)	0.95
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	48

#### Temperature

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

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

#### Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Housing Colour	Dark grey
Mounting device	Spigot for diameter 32 to 48 mm
Optical cover/lens shape	Flat

Optical cover/lens finish	Clear
Overall length	695 mm
Overall width	236 mm
Overall height	103 mm
Effective projected area	0.0578 m²
Dimensions (height x width x depth)	103 x 236 x 695 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 up to 6 kV differential mode and 8 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 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L98

#### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

#### Product Data

Order product name	BGP760 LED10-/740 I DM10 DGR 32-48
Full product name	BGP760 LED10-/740 I DM10 DGR 32-48
Full EOC	871869637679900
Order code	37679900
Material no. (12 NC)	910925863554
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696376799
Numerator – packs per outer box	1
EAN/UPC - Case	8718696376799

Dimensional drawing

