



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]	extreme ambient temperatures the luminaire might automatically dim down to protect components	
Light source replaceable	Yes		
Number of gear units	1 unit	Light source engine type	
Gear	EB [Electronic]	LED	
Driver included	Yes	Product family code	
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 B10. Therefore, the median useful life (B50) value also represents the B10 value. * At	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

Upward light output ratio	0
Luminous Flux	900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	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	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	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 until 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 100000 h	10 %
Lumen maintenance at median useful life* 100000 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 product code	871869637679900
Order code	37679900
Material Nr. (12NC)	910925863554
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696376799
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696376799

Dimensional drawing

