

DigiStreet

BGP760 LED22-/740 I DM50 DGR 32-48

DigiStreet Micro - LED module 2200 lm - 740 neutral white - Safety class I (I) - Distribution medium 50 - Dark gray - Spigot for diameter 32-48 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			
Number of light sources	1 [1 pc]	Control interface	-
Lamp family code	LED22 [LED module 2200 lm]	Connection	SI [Screw connection block]
Light source colour	740 neutral white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Gear	EB [Electronic]	Flammability mark	NO [-]
Driver/power unit/transformer	PSU [Power supply unit]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optical cover/lens type	FG [Flat glass]	UL mark	-
Luminaire light beam spread	154° - 31° x 54°	Warranty period	5 years
		Outdoor optic type	Distribution medium 50

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 extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Spare parts available	Yes
Number of products on MCB	18
Photobiological risk	Risk group 0
WEEE mark	WEEE mark
LED engine type	LED
Product Family Code	BGP760 [DigiStreet Micro]

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	15 A
Inrush time	0.36 ms
Driver current	489 mA
Power factor (max.)	-
Power factor (min.)	0.98
Power factor (nom.)	0.94

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	32/48 [Spigot for diameter 32-48 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 m ²
Colour	Dark gray
Dimensions (height x width x depth)	103 x 236 x 695 mm (4.1 x 9.3 x 27.4 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	2002 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	135 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	14.8 W
Power consumption tolerance	+/-11%

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	L95

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869637685000
Order product name	BGP760 LED22-/740 I DM50 DGR 32-48
EAN/UPC - product	8718696376850
Order code	37685000
Numerator - quantity per pack	1
Numerator - packs per outer box	1
Material no. (12NC)	910925863560
Net weight (piece)	5.825 kg

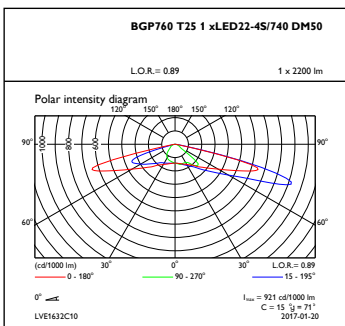


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1_BGP760T251xLED22-4S740DM50

