



DigiStreet

BGP762 LED149-/740 I DM50 DGR 32-48

DigiStreet Medium - LED module 14900 lm - 740 neutral white - Safety class I (I) - Distribution medium 50 - Dark gray - Luminaire surge protection level until 6 kV differential mode and 8 kV common mode - Spigot for diameter 32-48 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		Connection	SCREW [Screw connector]
Lamp family code	LED149 [LED module 14900 lm]	Cable	-
Light source color	740 neutral white	Protection class IEC	Safety class I (I)
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	Yes
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [Flat glass]	Optic type outdoor	Distribution medium 50
Luminaire light beam spread	154° - 31° x 54°		
Control interface	-		

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	8
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP762 [DigiStreet Medium]

Light technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.99

Controls and dimming

Dimmable	Yes
----------	-----

Mechanical and housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	32/48 [Spigot for diameter 32-48 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
Color	Dark gray

Dimensions (Height x Width x Depth)	107 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
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	13500 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	153 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	88 W
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	L96

Application conditions

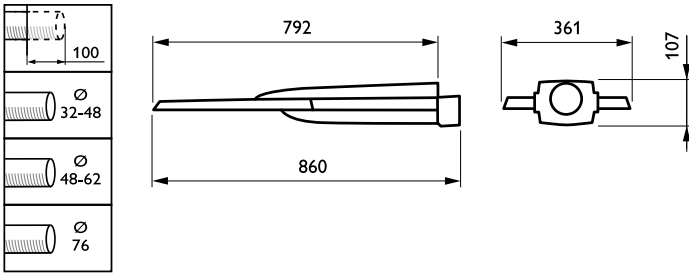
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product data

Full product code	871869637830400
Order product name	BGP762 LED149-/740 I DM50 DGR 32-48
EAN/UPC - Product	8718696378304
Order code	37830400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866225
Net Weight (Piece)	9.038 kg

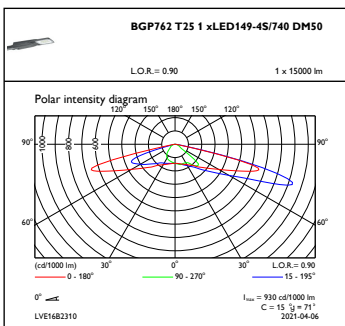


Dimensional drawing



BGP762 LED149-/740 I DM50 DGR 32-48

Photometric data



OFPC1_BGP762T251xLED149-4S740DM50

