



DigiStreet

BGP762 LED180-/740 I DX10 DGR 32-48

DigiStreet Medium - LED module 18000 lm - 740 neutral white - Safety class I - Distribution extra-wide 10 - Dark Grey - Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode - 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	
Lamp family code	LED180 [LED module 18000 lm]
Light source colour	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	150° - 43° x 67°
Control interface	-

Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class I
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Distribution extra-wide 10

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB	8
LED engine type	LED
Product Family Code	BGP762 [DigiStreet Medium]

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	53 A
Inrush time	0.3 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
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	860 mm
Overall width	361 mm

Overall height	107 mm
Effective projected area	0.068 m²
Colour	Dark Grey
Dimensions (height x width x depth)	107 x 361 x 860 mm (4.2 x 14.2 x 33.9 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)

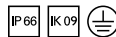
Initial luminous flux	15480 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	146 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	106 W
Power consumption tolerance	+/-11%

Application Conditions

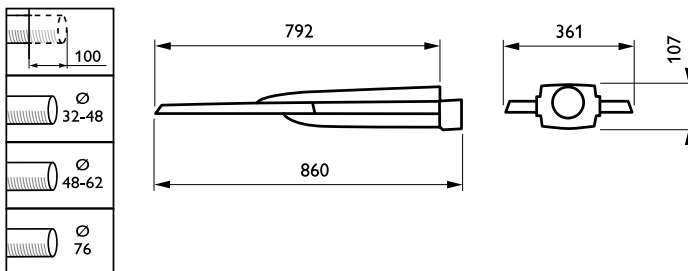
Ambient temperature range	-40 to +50 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869637834200
Order product name	BGP762 LED180-/740 I DX10 DGR 32-48
EAN/UPC – product	8718696378342
Order code	37834200
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925866226
Net weight (piece)	9.038 kg



Dimensional drawing



DigiStreet BGP760-BTP764

