



# DigiStreet

## BGP762 LED200-/740 I DW50 DGR 62

DigiStreet Medium, LED module 20000 lm, 740 neutral white, Safety class I, Distribution wide 50, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 62 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	
Lamp family code	LED200 [LED module 20000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP762 [DigiStreet Medium]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0

Luminous Flux	17,200 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Luminaire light beam spread	152° - 24° x 66°
Optic type outdoor	Distribution wide 50

### Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220-240 V
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	118 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	8

### Temperature

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

Dimmable	Yes
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/lens material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 62 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 <sup>2</sup>
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	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

### Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <5
Luminous flux tolerance	+/-7%
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

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

### Product Data

Full product code	871869637836600
Order product name	BGP762 LED200-/740 I DW50 DGR 62
Order code	910925866245
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866245
Full product name	BGP762 LED200-/740 I DW50 DGR 62
EAN/UPC - Case	8718696378366
EAN/UPC - Product/Case	8718696378366

Dimensional drawing

