



# DigiStreet

## BGP762 LED200-/740 I DW50 DGR 62

DigiStreet Medium - LED module 20000 lm - 740 neutral white  
 - Safety class I - Distribution wide 50 - Dark Grey - Spigot for diameter 60 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		Cable	-
Lamp family code	LED200 [ LED module 20000 lm]	Protection class IEC	Safety class I
Light source colour	740 neutral white	Flammability mark	NO [-]
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	PSU [ Power supply unit]	Warranty period	5 years
Driver included	Yes	Outdoor optic type	Distribution wide 50
Optical cover/lens type	FG [ Flat glass]	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Luminaire light beam spread	152° - 24° x 66°	Constant light output	No
Control interface	-		
Connection	Screw connection block 3-pole		

Number of products on MCB	8
RoHS mark	RoHS mark
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	60 [ Spigot for diameter 60 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>
Colour	Dark Grey

## 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)

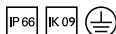
Initial luminous flux	17200 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	143 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	120 W
Power consumption tolerance	+/-11%

## Application Conditions

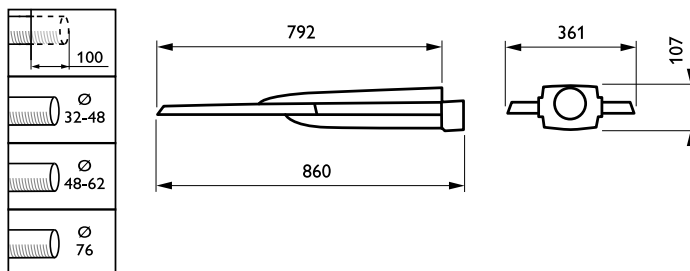
Ambient temperature range	-40 to +50 °C
Maximum dimming level	Not applicable

## Product Data

Full product code	871869637836600
Order product name	BGP762 LED200-/740 I DW50 DGR 62
EAN/UPC – product	8718696378366
Order code	37836600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925866245
Net weight (piece)	8.960 kg



## Dimensional drawing



DigiStreet BGP760-BTP764

