# **PHILIPS** Lighting



# DigiStreet

# BGP762 LED169-/740 I DS50 DGR 62

DigiStreet Medium, LED module 16900 lm, 740 neutral white, Safety class I, Distribution symmetrical 50, Dark grey, Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode, Spigot for diameter 62 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	LED169 [LED module 16900 lm]
Light source replaceable	Yes
Number of gear units	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	
Upwards light output ratio	0

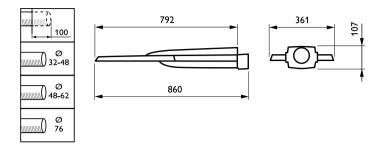
## DigiStreet

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Luminous Flux	14,960 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	153 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	32° x 29°
Optic type outdoor	Distribution symmetrical 50
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	98 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
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	
Constant light output	No
	- No
Constant light output Mechanical and Housing	
Mechanical and Housing Housing material	- No Aluminium die cast
Mechanical and Housing	
Mechanical and Housing Housing material	Aluminium die cast
Mechanical and Housing Housing material Reflector material	Aluminium die cast Polycarbonate
Mechanical and Housing Housing material Reflector material Optic material	Aluminium die cast Polycarbonate Acrylate
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material	Aluminium die cast Polycarbonate Acrylate Glass
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material   Fixation material   Housing Colour	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material   Fixation material   Housing Colour   Mounting device	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material   Fixation material   Housing Colour   Mounting device   Optical cover/lens shape	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material   Fixation material   Housing Colour   Mounting device   Optical cover/lens shape   Optical cover/lens finish	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat Clear
Mechanical and Housing   Housing material   Reflector material   Optic material   Optical cover/lens material   Fixation material   Housing Colour   Mounting device   Optical cover/lens shape   Optical cover/lens finish   Overall length	Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat Clear 860 mm

Effective projected area	0.068 m²
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 up to 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)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38. 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	L96
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BGP762 LED169-/740 I DS50 DGR 62
Full product name	BGP762 LED169-/740 I DS50 DGR 62
Full EOC	871869637832800
Order code	37832800
Material no. (12 NC)	910925866223
Material no. (12 NC)	
SAP numerator – quantity per pack	1
	1 8718696378328
SAP numerator – quantity per pack	•

### DigiStreet

#### Dimensional drawing





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