



DigiStreet

BGP761 LED55-/740 I DN10 DGR 32-48

DigiStreet Mini, LED module 5500 lm, 740 neutral white, Safety class I, Distribution narrow 10, Dark grey, Spigot for diameter 32 to 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	LED55 [LED module 5500 lm]
Light source replaceable	No
Number of gear units	Unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':
	statistically there is no relevant difference in
	lumen maintenance between the B50 and,

	for example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Light source engine type	LED
Product family code	BGP761 [DigiStreet Mini]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

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Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	5,096 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	152 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	68° x 157°
Optic type outdoor	Distribution narrow 10

220-240 V 50 to 60 Hz

- W

- W - W

46 A 0.25 ms

33.5 W

Screw connection block 3-pole

0.95

11

-40 to +50 °C

Mounting device	Spigot for diameter 32 to 48 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	860 mm
Overall width	236 mm
Overall height	107 mm
Effective projected area	0.0666 m²
Dimensions (height x width x depth)	107 x 236 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
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 Compliant)

Control gear failure rate at median useful	10 %
life 100,000 h	

Lumen maintenance at median useful life* L95

100,000 h

Application Conditions

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

Product Data

Order product name	BGP761 LED55-/740 I DN10 DGR 32-48
Full product name	BGP761 LED55-/740 I DN10 DGR 32-48
Full EOC	871869637695900
Order code	37695900
Material no. (12 NC)	910925863570
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696376959
Numerator – packs per outer box	1
EAN/UPC - Case	8718696376959

Temperature

Ambient temperature range

Operating and Electrical

Initial CLO power consumption

End CLO power consumption

Average CLO power consumption

Number of products on MCB of 16 A type

Input Voltage

Line Frequency

Inrush current

Power Consumption
Power Factor (Fraction)

Inrush time

Connection

Cable

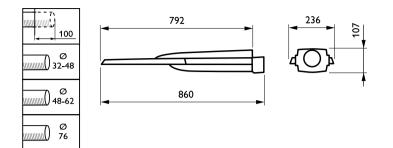
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Controls and Dimming

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	Dark grey

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Dimensional drawing





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