



# DigiStreet

## BGP763 LED240-/830 II DW10 DGR SRG10 62

DigiStreet Large - LED module 28000 lm - 830 warm white - Safety class II (II) - Distribution wide 10 - Dark gray - Surge protection level until 10 kV - 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	LED280 [ LED module 28000 lm]	Cable	-
Light source color	830 warm white	Protection class IEC	Safety class II (II)
Light source replaceable	Yes	Flammability mark	NO [ - ]
Number of gear units	2 units	CE mark	CE mark
Driver/power unit/transformer	PSU [ Power supply unit]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [ Flat glass]	Optic type outdoor	Distribution wide 10
Luminaire light beam spread	61° x 150°	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Control interface	-	Constant light output	No
Connection	SI [ Screw connection block]		

Number of products on MCB of 16 A type B	4
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP763 [ DigiStreet Large]

## Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

## Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.99

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	62 [ Spigot for diameter 62 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1011 mm
Overall width	361 mm
Overall height	121 mm
Effective projected area	0.08 m <sup>2</sup>
Color	Dark gray

Dimensions (Height x Width x Depth)	121 x 361 x 1011 mm (4.8 x 14.2 x 39.8 in)
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## Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [ 10 J]
Surge Protection (Common/Differential)	Surge protection level until 10 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	24360 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	210 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L95

## Application Conditions

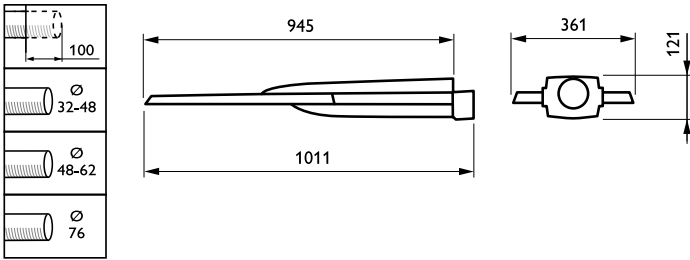
Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable

## Product Data

Full product code	871869637841000
Order product name	BGP763 LED240-/830 II DW10 DGR SRG10 62
EAN/UPC - Product	8718696378410
Order code	37841000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866248
Net Weight (Piece)	12.100 kg

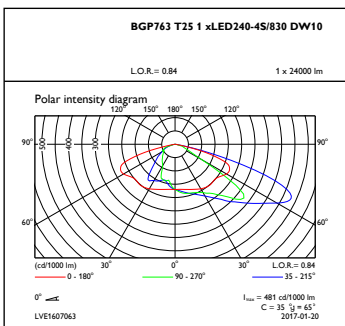


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



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