DigiStreet

BGP763 LED240-/830 II DW10 DGR SRG10 62

DigiStreet Large, LED module 28000 lm, 830 warm white, Safety class II, Distribution wide 10, Dark grey, Luminaire surge protection level up to 10 kV differential mode and 10 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	LED280 [LED module 28000 lm]
Light source replaceable	Yes
Number of gear units	2 units
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	BGP763 [DigiStreet Large]

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

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Luminous Flux	24,360 lm		**Dimensions (height x width x depth)**	121 x 361 x 1011 mm
Standard tilt angle post-top	0°			
Standard tilt angle side entry	0°		**Approval and Application**	
Correlated Colour Temperature	3000 K		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminous efficacy (rated) (nom.)	116 lm/W		**Mech. impact protection code**	IK09 [10 J]
Colour rendering index (CRI)	80		**Surge Protection (Common/Differential)**	Luminaire surge protection level up to 10 kV differential mode and 10 kV common mode
Light source colour	830 warm white			
Optical cover type	Flat glass			
Luminaire light beam spread	61° x 150°		**Sustainability rating**	Lighting for circularity
Optic type outdoor	Distribution wide 10		**Protection class IEC**	Safety class II
			Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Operating and Electrical				
Input Voltage	220-240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	53 A		**Luminous flux tolerance**	+/-7%
Inrush time	0.3 ms		**Initial chromaticity**	(0.43. 0.40) SDCM <5
Power Consumption	210 W		**Power consumption tolerance**	+/-10%
Power Factor (Fraction)	0.99		**Init. Color Rendering Index Tolerance**	+/-2
Connection	Screw connector			
Cable	–		**Over Time Performance (IEC Compliant)**	
Number of products on MCB of 16 A type B	4		**Control gear failure rate at median useful life 100,000 h**	10 %
Temperature			**Lumen maintenance at median useful life* 100,000 h**	L95
Ambient temperature range	–40 to +50 °C			
			Application Conditions	
Controls and Dimming			**Performance ambient temperature Tq**	25 °C
Dimmable	Yes		**Maximum dim level**	Not applicable
Driver/power unit/transformer	Power supply unit (On/Off)			
Control interface	–		**Product Data**	
Constant light output	No		**Order product name**	BGP763 LED240-/830 II DW10 DGR SRG10 62
Mechanical and Housing			**Full product name**	BGP763 LED240-/830 II DW10 DGR SRG10 62
Housing material	Aluminium die cast			
Reflector material	Polycarbonate		**Full EOC**	871869637841000
Optic material	Acrylate		**Order code**	37841000
Optical cover/lens material	Glass		**Material no. (12 NC)**	910925866248
Fixation material	Stainless steel		**SAP numerator – quantity per pack**	1
Housing Colour	Dark grey		**EAN/UPC — Product/Case**	8718696378410
Mounting device	Spigot for diameter 62 mm		**Numerator – packs per outer box**	1
Optical cover/lens shape	Flat		**EAN/UPC – Case**	8718696378410
Optical cover/lens finish	Clear			
Overall length	1,011 mm			
Overall width	361 mm			
Overall height	121 mm			
Effective projected area	0.08 m²			

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Dimensional drawing

www.lighting.philips.com

2023, April 14 – data subject to change