PHILIPS Lighting



DigiStreet

BGP763 LED300-/740 I DW50 DGR 62

DigiStreet Large, LED module 30000 lm, 740 neutral white, Safety class I, Distribution wide 50, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, 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	LED300 [LED module 30000 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	
Upward light output ratio	0

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Luminous Flux	25,200 lm
Standard tilt angle posttop	0°
	0°
Standard tilt angle side entry	4000 K
Correlated Color Temperature (Nom)	143 lm/W
Luminous Efficacy (rated) (Nom)	
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	152° - 24° x 66°
Optic type outdoor	Distribution wide 50
On eventing and Electrical	
Operating and Electrical	220.240.1/
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	176 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	4
Terrereveture	
Temperature	
Anchient tenenenetune venee	10 to 150 %C
Ambient temperature range	-40 to +50 °C
	-40 to +50 °C
Controls and Dimming	
Controls and Dimming Dimmable	No
Controls and Dimming Dimmable Driver/power unit/transformer	
Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit (On/Off) -
Controls and Dimming Dimmable Driver/power unit/transformer	No
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	No Power supply unit (On/Off) -
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	No Power supply unit (On/Off) -
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	No Power supply unit (On/Off) - No Aluminum die cast
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel Dark gray
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel Dark gray Spigot for diameter 62 mm
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel Dark gray Spigot for diameter 62 mm Flat
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel Dark gray Spigot for diameter 62 mm Flat Clear
Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Acrylate Glass Stainless steel Dark gray Spigot for diameter 62 mm Flat

Effective projected area	0.08 m²
Dimensions (Height x Width x Depth)	121 x 361 x 1011 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 until 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

121 mm

Overall height

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

EN62778

Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful life*	L96	
100000 h		

Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data BGP763 LED300-/740 I DW50 DGR 62 Order product name Full product name BGP763 LED300-/740 I DW50 DGR 62 Full product code 871869637842700 Order code 37842700 Material Nr. (12NC) 910925866249 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378427 Numerator - Packs per outer box 1

8718696378427

EAN/UPC - Case

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Dimensional drawing





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