PHILIPS Lighting



DigiStreet

BGP762 LED220-/740 II DW10 DGR SRG10 62

DigiStreet Medium, LED module 22000 lm, 740 neutral 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	LED220 [LED module 22000 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

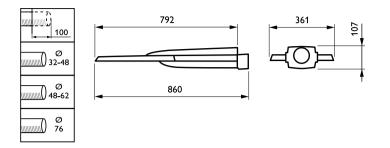
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	10.520 lm
Luminous Flux	19,580 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	151 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	61° x 150°
Optic type outdoor	Distribution wide 10
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	130 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	
Number of products on MCB of 16 A type B	8
Temperature	
Temperature Ambient temperature range	-40 to +50 °C
Ambient temperature range	-40 to +50 °C
Ambient temperature range Controls and Dimming	
Ambient temperature range Controls and Dimming Dimmable	Yes
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	Yes Power supply unit (On/Off) -
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	Yes Power supply unit (On/Off) -
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Yes Power supply unit (On/Off) - No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material	Yes Power supply unit (On/Off) - No Aluminium die cast
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optic material	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour Mounting device	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour Mounting device Optical cover/lens shape	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output 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	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat Clear
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Housing Colour Mounting device Optical cover/lens shape Optical cover/lens finish Overall length	Yes Power supply unit (On/Off) - No Aluminium die cast Polycarbonate Acrylate Glass Stainless steel Dark grey Spigot for diameter 62 mm Flat Clear 860 mm

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 10
	kV differential mode and 10 kV common
	mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
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 Complia	nt)
	-
Control gear failure rate at median useful	10 %
Control gear failure rate at median useful	
Control gear failure rate at median useful life 100,000 h	10 %
Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life*	10 %
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Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h	10 %
Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions	10 % L96
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Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code	10 % L96 25 °C Not applicable BGP762 LED220-/740 II DW10 DGR SRG10 62 BGP762 LED220-/740 II DW10 DGR SRG10 62 871869637838000 37838000
Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	10 % L96 25 °C Not applicable BGP762 LED220-/740 II DW10 DGR SRG10 62 BGP762 LED220-/740 II DW10 DGR SRG10 62 871869637838000 37838000 910925866252
Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	10 % L96 25 °C Not applicable BGP762 LED220-/740 II DW10 DGR SRG10 62 BGP762 LED220-/740 II DW10 DGR SRG10 62 871869637838000 37838000 910925866252 1

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Dimensional drawing





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