



DigiStreet

BGP762 LED220-/740 II DW10 DGR SRG10 62

DigiStreet Medium, LED module 22000 lm, 740 neutral white, Safety class II, Distribution wide 12, Dark gray, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Spigot for diameter 60 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	No	
Number of gear units	1 unit	
Gear	EB [Electronic]	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	

	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value.	
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	-	

Datasheet, 2023, April 29 data subject to change

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BMEC mark Shife C mark Separatine Go mm Colorad manuface Go mm				
But Bit Scrimphant	ENEC mark	ENEC mark	Mounting device	Spigot for diameter 60 mm
	Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Flat
Control bight cottop ratio	EU RoHS compliant	Yes	Optical cover finish	Clear
Overall helph to utput ratio			Overall length	860 mm
Effective projected area	Light Technical		Overall width	361 mm
Standard tilt angle posttop	Upward light output ratio	0	Overall height	107 mm
Standard tilt angle side entry	Luminous Flux	19,580 lm	Effective projected area	0.068 m²
Approval and Application	Standard tilt angle posttop	0°	Dimensions (Height x Width x Depth)	107 x 361 x 860 mm
Luminous Efficacy (rated) (Nom)	Standard tilt angle side entry	0°		
Mach. impact protection code 1609 10 J 1 10 10 10 10 10 1	Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Number of light sources 1	Luminous Efficacy (rated) (Nom)	146 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light source color 740 neutral white differential mode and 10 W common mode Optical cover type	Color rendering index (CRI)	70	Mech. impact protection code	IK09 [10 J]
Protection class IEC Safety class III	Number of light sources	1	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Photobiological risk group 0 @200mnto	Light source color	740 neutral white		differential mode and 10 kV common mode
Optic type outdoor	Optical cover type	Flat glass	Protection class IEC	Safety class II
Operating and Electrical Input Voltage 220-240 V Luminous flux tolerance '-/-7% Initial CLO power consumption - W Initial CLO power consumption - W Initial CLO power consumption - W Intt. Color Rendering Index Tolerance '-/-10% Institute Consumption - W Intt. Color Rendering Index Tolerance '-/-2 Intitial CLO power consumption - W Intt. Color Rendering Index Tolerance '-/-2 Intitial CLO power consumption - W Intt. Color Rendering Index Tolerance '-/-2 Intrush time 0.3 ms Inrush time 0.3 ms Inrush time 0.3 ms Inrush time 0.3 ms Inrush time 0.99 Connection Screw connection block 3-pole Connection Screw connection block 3-pole Cable	Luminaire light beam spread	-	Photobiological risk	Photobiological risk group 0 @200mm to
Luminous flux tolerance	Optic type outdoor	Distribution wide 12		EN62778
Luminous flux tolerance				
Initial CLO power consumption	Operating and Electrical	·	Initial Performance (IEC Compliant)	
Power consumption	Input Voltage	220-240 V	Luminous flux tolerance	+/-7%
Average CLO power consumption -W End CLO power consumption -W Inrush current 53 A Over Time Performance (IEC Compliant) Inrush time 0.3 ms Over Time Performance (IEC Compliant) Over Time Performance at median useful II over the Action of the Acti	Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <5
End CLO power consumption -W Inrush current 53 A Inrush time 0,3 ms Power Consumption 134 W Power Consumption 0,99 Connection 5,crew connection block 3-pole Cable	Initial CLO power consumption	- W	Power consumption tolerance	+/-10%
Inrush current 53 A Inrush time 0.3 ms Power Consumption 134 W Power Factor (Fraction) 0.99 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range -40 to +50 °C Control sand Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Optic material Optic material Optic material Optical cover materia	Average CLO power consumption	- W	Init. Color Rendering Index Tolerance	+/-2
Inrush time	End CLO power consumption	- W		
Power Consumption 134 W Limen maintenance at median useful life* L90	Inrush current	53 A	Over Time Performance (IEC Compli	ant)
Connection Connection Screw connection block 3-pole 100000 h	Inrush time	0.3 ms	Control gear failure rate at median useful	10 %
Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type 8 B Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP762 LED220-/740 II DW10 DGR SRG10 Controls and Dimming 62 Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Control interfac	Power Consumption	134 W	life 100000 h	
Cable - Number of products on MCB of 16 A type B B Reflector material Polycarbon atterial Polycarbon atter	Power Factor (Fraction)	0.99	Lumen maintenance at median useful life*	L90
Application Conditions	Connection	Screw connection block 3-pole	100000 h	
Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP762 LED220-/740 II DW10 DGR SRG10 Equivariable No Full product name BGP762 LED220-/740 II DW10 DGR SRG10 Driver/power unit/transformer Power supply unit (On/Off) 62 Control interface - Full product code 871869637838000 Constant light output No Order code 37838000 Material Nr. (12NC) 910925863715 Mechanical and Housing Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Reflector material Polycarbonate Numerator - Packs per outer box 1 EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Cable	-		
Maximum dim level Not applicable Temperature Ambient temperature range -40 to +50 °C Product Data Controls and Dimming Egp762 LED220-/740 II DWI0 DGR SRGI0 Dimmable No Full product name BGP762 LED220-/740 II DWI0 DGR SRGI0 Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637838000 Control interface - Full product code 871869637838000 Constant light output No Material Nr. (12NC) 919025863715 Mechanical and Housing Numerator - Quantity Per Pack 1 Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696378380 Fixation material Glass Fixation material Steel	Number of products on MCB of 16 A type	8	Application Conditions	
Temperature Ambient temperature range	В		Performance ambient temperature Tq	25 °C
Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Control interface - Constant light output No Mechanical and Housing Housing Material Noluminum Reflector material Polycarbonate Reflector material Glass Fixed to 40 to +50 °C Product Data Order product name BGP762 LED220-/740 II DW10 DGR SRG10 62 Full product code 871869637838000 Full product code 871869637838000 Material Nr. (12NC) 910925863715 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378380 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696378380 Fixation material Steel			Maximum dim level	Not applicable
Order product name BGP762 LED220-/740 II DW10 DGR SRG10 Controls and Dimming Dimmable No Full product name BGP762 LED220-/740 II DW10 DGR SRG10 62 Control interface Control interface Constant light output No Tell product code Tell product name Tell product code Te	Temperature			
Controls and Dimming Dimmable No Priver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Order code Material Nr. (12NC) Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Acrylate Optical cover material Steel Full product name BGP762 LED220-/740 DW10 DGR SRG10 62 Full product code 871869637838000 Order code 37838000 Material Nr. (12NC) 910925863715 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378380 1 EAN/UPC - Case 8718696378380	Ambient temperature range	-40 to +50 ℃	Product Data	
Dimmable No Power supply unit (On/Off) Control interface Constant light output No Mechanical and Housing Housing Material Polycarbonate Reflector material Optic material Acrylate Optical cover material Steel Full product name BGP762 LED220-/740 II DW10 DGR SRG10 62 Full product code 871869637838000 Material code 37838000 Material Nr. (12NC) 910925863715 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378380 1 EAN/UPC - Case 8718696378380			Order product name	BGP762 LED220-/740 II DW10 DGR SRG10
Driver/power unit/transformer Power supply unit (On/Off) 62 Control interface - Full product code 871869637838000 Constant light output No Order code 37838000 Material Nr. (12NC) 910925863715 Numerator - Quantity Per Pack 1 Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Controls and Dimming			62
Control interface - Full product code 871869637838000 Constant light output No Order code 37838000 Material Nr. (12NC) 910925863715 Mechanical and Housing Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Dimmable	No	Full product name	BGP762 LED220-/740 II DW10 DGR SRG10
Constant light output No Order code 37838000 Material Nr. (12NC) 910925863715 Numerator - Quantity Per Pack 1 Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Driver/power unit/transformer	Power supply unit (On/Off)		62
Material Nr. (12NC) 910925863715 Mechanical and Housing Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Control interface	-	Full product code	871869637838000
Mechanical and HousingHousing MaterialAluminumEAN/UPC - Product/Case8718696378380Reflector materialPolycarbonateNumerator - Packs per outer box1Optic materialAcrylateEAN/UPC - Case8718696378380Optical cover materialGlassFixation materialSteel	Constant light output	No	Order code	37838000
Housing Material Aluminum EAN/UPC - Product/Case 8718696378380 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel			Material Nr. (12NC)	910925863715
Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Mechanical and Housing		Numerator - Quantity Per Pack	1
Optic material Acrylate EAN/UPC - Case 8718696378380 Optical cover material Glass Fixation material Steel	Housing Material	Aluminum	EAN/UPC - Product/Case	8718696378380
Optical cover material Glass Fixation material Steel	Reflector material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material Glass Fixation material Steel			EAN/UPC - Case	8718696378380
Fixation material Steel	Optical cover material	Glass		
	 			
	Housing Color			

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Dimensional drawing



