



DigiStreet

BGP762 LED120-/830 II DN11 DGR D11 76

DigiStreet Medium, LED module 12000 lm, 830 warm white, Safety class II, Distribution narrow 11, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 76 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	LED120 [LED module 12000 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, December 5 data subject to change

DigiStreet

Glow-wire test Temperature 650 °C, duration 5 s EU RoHS compliant Yes Optical cover shape Flat Overall length 860 mm Light Technical Overall width 361 mm Upward light output ratio Overall height 107 mm Luminous Flux 10,800 lm Effective projected area Overall rangle posttop O° Dimensions (Height x Width x Depth) Tor x 361 x 860 mm Standard tilt angle side entry O° Correlated Color Temperature (Nom) 3000 K Approval and Application				
Public Compilant Vers	ENEC mark	ENEC mark	Mounting device	Spigot for diameter 76 mm
Cight Technical	Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Flat
Light Technical Upward leight output ratio 0 Overall height 35 mm Unward leight output ratio 0 Owerall height 107 mm 107 mm Sandard ritl angle sporton 0° Dimensions Fleeight x Width X Depth 107 x 30 x 30 x 80 mm Cornicated Color Temperature (Nom) 3000 K Approval and Application 106 (But Special Spec	EU RoHS compliant	Yes	Optical cover finish	Clear
Upward light output ratio 0 Overall height 07 mm Luminous Flux 10.000 im Effective protected area 0.068 m/ Standard It langle postope 0° Demonstruct (Reight within house) 10.000 m/ Correlated Color Temperature (Nom) 300 K Approval and Application 1966 (Dust peneration-protected, 10-pool (Morgin) Color readering index (CRI) 830 wmm while 10.000 m/ Mech. impact protection code 1966 (Dust peneration-protected, 10-pool (Morgin) Winther of light sources 11 Protection class IEC 34 de/y class II Optical cover type 830 wmm while Protection class IEC 34 de/y class II Optical type outdoor 95° x.7° Protection class IEC 34 de/y class II Optical type outdoor 95° x.7° Initial Performance (IEC Compliants) 15 minute (Morgin) Intitial CLO power consumption 90 Initial Performance (IEC Compliants) 15 minute (Morgin) Intitial CLO power consumption 90 Initial Performance (IEC Compliants) 15 minute (Morgin) 10 % 0.000 % Intitial CLO power consumption 90 Initial Performance (IEC Compliants)			Overall length	860 mm
Luminous Flux 10,800 lm Effective projected area 0,088 m² Standard tit langle posttop 0° Dimensions (Reight x Width x Depth) 10°x 36's 860 mm Standard tit langle posttop 0° Profested Color Temperature (Nom) 100 no. Correlated Color Temperature (Nom) 121 lm/N Impress protection code IP60 [Dust centration-protected, Re-noosed Color reducing in date (Eff)] Number of light sources 1 Medical cover rype 15 late (Single Color reducing in date (Eff) Medical cover rype 15 late (Single Color reducing in date (Eff) Medical cover rype 15 late (Single Color reducing in date (Eff) Protection (Common/Differential) Luminate usage protection level until 6 kW Operating and Electrical Input Voltage 5° x 7° Protection class IEC Safety class II Initial Clo power consumption -W Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Initial Clo power consumption -W Initial Color Rendering Index Telerance +/ 7% Initial Clo power consumption -W Initial Color Rendering Index Telerance +/ 10% Invada current 5° 3 A Initial Color Rendering Index Telerance +/ 10%	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	10,800 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) 121 lin/W Color rendering Index (CRI) 80 Mech. Impact protection code 1066 [Dust penetration-protected, jet-poor Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection code 100 [Most plane] in King II color to Mech. Impact protection close II color to Mech. Impact protecti	Standard tilt angle side entry	0°	<u> </u>	
Color rendering index (CRI) 80 Number of light sources 1 Light sources color 830 warm white Optical cover type Flat glass Surge Protection (Common/Differential) Luminate surge protection level until 6 NV differential mode and 8 NV common mode differential mode and 8 NV common mode of photic type outdoor End glass Protection class IEC Safety class II Operating and Electrical Imput Voltage 20 - 240 V Elminous flux tolerance +7-7% Elminous flux tolerance +7-7% Initial Lerformance (IEC Comptiant) Elminous flux tolerance +7-7% Initial chromaticity (0.43 0.40) SDCM <5 Power consumption +7-7% Initial chromaticity (0.43 0.40) SDCM <5 Power consumption +7-7% Initial chromaticity (0.43 0.40) SDCM <5 Power consumption +7-7% Initial chromaticity (0.43 0.40) SDCM <5 Power consumption +7-10% Initial chromaticity (0.43 0.40) SDCM <5 Power consumption +7-10% Initial chromaticity (0.43 0.40) SDCM <5 Tolor Control	Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Number of light sources 1 Light source color 830 warm white Light source color 830 warm white	Luminous Efficacy (rated) (Nom)	121 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proo
Light source color 830 warm white Protection class IEC Safety class II Optic type outdoor Distribution marrow I1 Photobiological risk Safety class II Operating and Electrical Input Voltage 220-240 V Initial Performance (IEC Compliant)* EN62778 Luminous flux tolerance 1/-7% Luminous flux tolerance 1/-7% Ling LCD power consumption -W Initial chromaticity (0.43, 0.43) SICM <5 Average CLD power consumption -W Initial CLD power consumption tolerance 1/-7% Inrush time 0.3 ms Control gear failure rate at median useful 1/0 % Power Consumption 89 W Control gear failure rate at median useful 1/0 % Connection Screw connection block 3-pole Luminous flux tolerance 1/-2 Connection Screw connection block 3-pole Intit Color Readering Index Tolerance 1/-2 Connection Screw connection block 3-pole Luminous flux tolerance at median useful life 1 (SCCOMPILIAT) Connection Screw connection block 3-pole Luminous flux tolerance 1/-2 C	-		_	
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Destribution merrow 11 EN62778 EN62778	Optical cover type	Flat glass		
Operating and Electrical Injust Voltage 220-240 V	Luminaire light beam spread	53° x 71°	Photobiological risk	
Input Voltage 220-240 V Luminous flux tolerance +/-7% Line Frequency 50 to 60 Hz Initial CLO power consumption -W Initial CLO power consumption -W Power consumption tolerance +/-10% Average CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 End CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 End CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 Invush current 53 A Control gear failure rate at median useful 10% Power Castor (Fraction) 0.99 Lumen maintenance at median useful life* L91 Connection Screw connection block 3-pole 100000 h Lumen maintenance at median useful life* L91 Cable - Application Conditions Performance at median useful life* L91 Temperature Ambient temperature range -40 to +50 °C Maximum dim level Not applicable Control sand Dimming Power supply unit regulating Order product name BGP762 LED120-/830 II DNI1 DGR D11 76 Control sant light	Optic type outdoor	Distribution narrow 11		EN62778
Input Voltage 220-240 V Luminous flux tolerance +/-7% Line Frequency 50 to 60 Hz Initial CLO power consumption -W Initial CLO power consumption -W Power consumption tolerance +/-10% Average CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 End CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 End CLO power consumption -W Int. Color Rendering Index Tolerance +/-2 Invush current 53 A Control gear failure rate at median useful 10% Power Castor (Fraction) 0.99 Lumen maintenance at median useful life* L91 Connection Screw connection block 3-pole 100000 h Lumen maintenance at median useful life* L91 Cable - Application Conditions Performance at median useful life* L91 Temperature Ambient temperature range -40 to +50 °C Maximum dim level Not applicable Control sand Dimming Power supply unit regulating Order product name BGP762 LED120-/830 II DNI1 DGR D11 76 Control sant light			<u></u>	
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End CLO power consumption - W Inrush current 53 A Over Time Performance (IEC Compliant) Inrush time 0.3 ms Control gear failure rate at median useful 10 % Iffe 100000 h Iffe 100000 h Lumen maintenance at median useful life* L91 100000 h Lumen maintenance at median useful life* L91 100000 h Lumen maintenance at median useful life* L91 100000 h Lumen maintenance at median useful life* L91 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Order product name BGP762 LED120-/830 II DNI1 DGR D11 76 Full product name BGP762 LED120-/830 II DNI1 DGR D11 76 Full product name BGP762 LED120-/830 II DNI1 DGR D11 76 Full product code 871869637827400 Order code 910925863704 Material Nr. (12NC) 910925863704 Material Nr. (12NC) 910925863704 Material Nr. (12NC) 910925863704 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378274 Optic material Acrylate Optic material Gilass Fixation material Gilass Fixation material Steel		- W	<u> </u>	
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Inrush time				
Power Consumption 89 W Life 100000 h Lumen maintenance at median useful life* L91				
Lumen maintenance at median useful life* L91 Connection Screw connection block 3-pole 100000 h				10 %
Connection Screw connection block 3-pole Cable Number of products on MCB of 16 A type B 8 Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Controls and Dimming Power supply unit regulating Priver/power unit/transformer Power supply unit regulating Control interface Constant light output No Order code Material Nr. (12NC) Material Nr. (12NC) Material Nr. (12NC) Polycarbonate Aluminum Reflector material Polycarbonate Optical cover material Glass Fixiation material Screen Screw connection block 3-pole Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Order product name BGP762 LED120-/830 II DNI1 DGR D11 76 Full product name BGP762 LED120-/830 II DNI1 DGR D11 76 Full product code 871869637827400 Order code 910925863704 Material Nr. (12NC) 910925863704 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696378274 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696378274 Full product code 8718696378274 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696378274	· · · · · · · · · · · · · · · · · · ·		_	1.01
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Fixation material Steel				
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Dimensional drawing



