



DigiStreet

BGP761 LED45-/740 I DM10 DGR 32-48

DigiStreet Mini, LED Module 4500 lm, 740 neutral white, Safety class I, Distribution medium 10, Dark gray, Spigot for diameter 32 to 48 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	LED45 [LED Module 4500 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	BGP761 [DigiStreet Mini]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	

Datasheet, 2023, April 29 data subject to change

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Mounting device Sought for idannete 22 to 48 mm				
Upward light output ariatio	EU RoHS compliant	Yes	Mounting device	Spigot for diameter 32 to 48 mm
			Optical cover shape	Flat
Cumminous Flux	Light Technical		Optical cover finish	Clear
Standard tilt angle posttop O' Effective projected area 0.0666 m'	Upward light output ratio	0	Overall length	860 mm
Effective projected area	Luminous Flux	4,050 lm	Overall width	236 mm
Dimensions (Height x Width x Depth)	Standard tilt angle posttop	O°	Overall height	107 mm
Luminous Efficacy (rated) (Nom) 147 ln/W Color rendering index (CRI) 70 Color rendering index (CRI) 70 Cytical cover type 1 Light source color 740 reutral white 1 Light source color 740 reutral white 287 x 57 Cytical cover type outdoor 287 x 57 Cytical cover consumption 297 x 57 C	Standard tilt angle side entry	0°	Effective projected area	0.0666 m²
Approval and Application Ingress protection code IPR6 (Dust penetration-protected, jet-proof)	Correlated Color Temperature (Nom)	4000 K	Dimensions (Height x Width x Depth)	107 x 236 x 860 mm
Number of light sources 1 Ingress protection code IPG6 Dust penetration-protected, jet-proof Mech impact protection code IPG6 Dust penetration-protected jet-proof Mech impact protection code IPG6 Dust penetration impact protection code IPG6 Dust penetration under life Mech impact protection code IPG6 Dust penetration under life Mech impact protection code IPG6 Dust penetration under life Mech impact protection code IPG6 IP	Luminous Efficacy (rated) (Nom)	147 lm/W		
Light source color 740 neutral white Optical cover type	Color rendering index (CRI)	70	Approval and Application	
Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 8 kV common mode Optic type outdoor Distribution medium 10	Number of light sources	1	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Control sand Dimming Control sand Dimming	Light source color	740 neutral white	Mech. impact protection code	IK09 [10 J]
Protection class IEC Safety class Photobiological risk Photopional Photopical Photopional Photopical Photopica			Surge Protection (Common/Differential)	
Photobiological risk	Luminaire light beam spread	88° x 157°		
Input Voltage 220-240 V	Optic type outdoor	Distribution medium 10	-	
Injust Votage			Photobiological risk	
Initial CLO power consumption	Operating and Electrical			EN62778
Initial CLO power consumption	Input Voltage	220-240 V		
Average CLO power consumption -W Initial chromaticity (0.38, 0.38) SDCM <5 End CLO power consumption -W Power consumption tolerance +/-10% Inrush current 46A Init. Color Rendering Index Tolerance +/-2 Inrush time 0.25 ms Power Consumption 27.5 W Over Time Performance (IEC Compliant) Power Factor (Fraction) 0.93 Control gear failure rate at median useful 10 % Itie 100000 h Lumen maintenance at median useful life* L95 I00000 h Lumen maintenance at median useful life* L95 I00000 h B Application Conditions Fernperature Ambient temperature Tange -40 to +50 °C Maximum dim level Not applicable Controls and Dimming Product Data Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Full product name BGP761 LED45-7/40 I DM10 DGR 32-48 Portiver/power unit/transformer Power supply unit (On/Off) Full product code 37693500 Mechanical and Housing Material Aluminum Endersor Acrylate EAN/UPC - Case 8718696376935 Numerator - Quantity Per Pack 1 EAN/UPC - Case 8718696376935 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696376935 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696376935	Line Frequency	50 to 60 Hz		
End CLO power consumption -W Inrush current 46 A Inrush time 0.25 ms Power Consumption 27.5 W Over Time Performance (IEC Compliant) Connection 5crew connection block 3-pole Cable - Control gear failure rate at median useful 10 % Infusion on MCB of 16 A type 11 B Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Full product name BGP761 LED45-/740 I DMI0 DGR 32-48 Pull product name BGP761 LED45-/740 I DMI0 DGR 32-48 Full product code 87186963769350 Mechanical and Housing Housing Material Acrylate Optic alerial Cover material Optic material Optic material Steel	Initial CLO power consumption	- W		
Inrush current 46 A Inrush time 0.25 ms Power Consumption 27.5 W Power Factor (Fraction) 0.93 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B Emperature Ambient temperature range -40 to +50 °C Control s and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Power Supply unit (On/Off) Full product and B GP761 LED45-/740 I DM10 DGR 32-48 Full product code 37693500 Machanical and Housing Housing Material Acrylate Optica dover material Glass Fixation material Init. Color Rendering Index Tolerance +/-2 Control ger failure rate at median useful 10 % It is 100000 h Lumen maintenance at median useful life* L95 100000 h Lumen anintenance at median useful life* L95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Order product name BGP761 LED45-/740 I DM10 DGR 32-48 Full product name BGP761 LED45-/740 I DM10 DGR 32-48 Full product code 871869637693500 Order code 37693500 Material Nr. (12NC) 910925863568 Material Nr. (12NC) 910925863568 Material Nr. (12NC) 910925863568 Numerator - Packs per outer box 1 EAN/UPC - Product/Case 8718696376935 Fixation material Steel	Average CLO power consumption		-	
Inrush time	End CLO power consumption	- W		
Power Consumption 27.5 W Power Factor (Fraction) 0.93 Connection Screw connection block 3-pole life 100000 h Cable - Unumer of products on MCB of 16 A type 11 B Application Conditions Performance at median useful life* L95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Driver/power unit/transformer Power supply unit (On/Off) Full product name BGP761 LED45-/740 I DM10 DGR 32-48 Full product name BGP761 LED45-/740 I DM10 DGR 32-48 Full product code 871869637693500 Order code 37693500 Material Nr. (12NC) 910925863568 Mumerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696376935 Numerator - Quantity Per Pack 1 EAN/UPC - Case 8718696376935 Fixation material Steel			Init. Color Rendering Index Tolerance	+/-2
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Connection Screw connection block 3-pole Cable - Lumen maintenance at median useful life* L95 Number of products on MCB of 16 A type B Application Conditions Performance ambient temperature Tq 25 °C Ambient temperature range -40 to +50 °C Ambient temperature range No Order product name BGP761 LED45-/740 1 DM10 DGR 32-48 Driver/power unit/transformer Power supply unit (On/Off) Control interface - Full product code 37693500 Constant light output No Order code 37693500 Mechanical and Housing Housing Material Aluminum EAN/UPC - Product/Case 8718696376935 Reflector material Polycarbonate Optic material Glass Fixation material Steel				
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Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Controls and Dimming Dimmable No Order product name BGP761 LED45-/740 I DM10 DGR 32-48 Driver/power unit/transformer Power supply unit (On/Off) Full product name BGP761 LED45-/740 I DM10 DGR 32-48 Control interface - Full product code 871869637693500 Constant light output No Order code 37693500 Material Nr. (12NC) 910925863568 Mechanical and Housing Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696376935 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696376935 Fixation material Glass Fixation material Steel		11	10000011	
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Dimensional drawing



