



LumiStreet

BGP213 LED27-4S/740 I DM50 D9 48/60A

LumiStreet Small, LED module 2700 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adjustable

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customer who are preparing big renovation projects, TCO oriented.

Product data

General Information		
Lamp family code	LED27 [LED module 2700 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Photocell	-	
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. * At	
	extreme ambient temperatures the luminaire	
	might automatically dim down to protect	
	components	
Light source engine type	LED	
Service tag	Yes	
Product family code	BGP213 [LumiStreet Small]	
Lighting Technology	LED	
Glow-wire test	Temperature 850 °C, duration 5 s	
Flammability mark	-	
CE mark	Yes	
ENEC mark	ENEC mark	

Datasheet, 2023, September 4 data subject to change

LumiStreet

Final Color				
Embedded control	Warranty period	5 years	Fixation material	Aluminum
Light Technical Upward light output ratio O Optical cover shape Flat	EU RoHS compliant	No	Housing Color	Grey
Light Technical Coptical cover shape Fisit Coptical cover finith Cinor Control Light (Ling to Light) Coptical cover finith Cinor Control Light) Coptical cover finith Cinor Control Light) Coptical cover finith Cinor Control Light (Ling to Light) Coptical Light) Copti	Embedded control	-	Mounting device	Universal for diameter 48 to 60 mm
Optical cover finish				
Control Stuck 2,322 Im Coveral length G30 mm Coveral width 279 mm Coveral width	Light Technical		Optical cover shape	Flat
Standard tilt angle posttop O' Overall wight 270 mm	Upward light output ratio	0	Optical cover finish	Clear
Standard tilt angle side entry Correlated Color Temperature (Nom) Color ented Color Temperature (Nom) Color enteder Color Temperature (Nom) Color endering index (CR) 70 Number of light sources 1 Luminate light beam spread 740 neutral white Ingress protection code Pie6 (Dust penetrationprotected, jet-groof) Potical cover type Flat glass Luminate light beam spread 13-1-3-1x-3-1 Operating and Electrical Input Voltage Distribution medium Operating and Electrical Input Voltage 220-240 V Luminate flux beam served Distribution medium Operating and Electrical Input Voltage 10-ELETE W Initial CLO power consumption (DELETE) Power factor (Faction) Operating and Electrical Initial Performance (IEC Compliant) Control gear failure rate at median useful Ilife* 100000 h Useful Il	Luminous Flux	2,322 lm	Overall length	630 mm
Effective projected area 0.038 m²	Standard tilt angle posttop	0°	Overall width	270 mm
Dimensions (Height x Width x Depth) 98 x 270 x 630 mm	Standard tilt angle side entry	0°	Overall height	98 mm
Color rendering index (CR) 70 Number of light sources 1 Light sources 1 Light source color 740 neutral white 1 Optical cover type Flat glass 1 Light source report 740 neutral white 1 Optical cover type Flat glass 1 Light source solor 154" - 31" x 54" 1 Opticat Cover type Flat glass 1 Light source solor 154" - 31" x 54" 1 Optic type outdoor Distribution medium 1 Opticate over type Control of the solor of t	Correlated Color Temperature (Nom)	4000 K	Effective projected area	
Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Luminous Efficacy (rated) (Nom)	137 lm/W	Dimensions (Height x Width x Depth)	98 x 270 x 630 mm
Light source color	Color rendering index (CRI)	70		
Mech. Impact protection code IKO8 [5 J vandal-protected]	Number of light sources	1		
Surge Protection (Common/Differential) Philips standard surge protection level	Light source color	740 neutral white		
Optic type outdoor Distribution medium Protection class IEC Safety class I	Optical cover type	Flat glass		
Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption [DELETE] W Power consumption tolerance */-10% Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption [DELETE] W Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption [DELETE] W Initial Chromaticity Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption [DELETE] W Initial Chromaticity Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption DELETE] W Initial Chromaticity Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption DELETE] W Initial Chromaticity Initial Chromaticity (0.381,0.379) SDCM <5 Initial CLO power consumption DELETE] W Initial Chromaticity Initial	Luminaire light beam spread	154° - 31° x 54°		
Line Frequency	Optic type outdoor	Distribution medium	Protection class IEC	Safety class I
Line Frequency				
Initial CLO power consumption DELETE] W Power consumption DELETE] W Initial CLO power consumption DELETE] W Initial Color Rendering Index Tolerance 4/-10%	Operating and Electrical		- 	
Initial CLO power consumption [DELETE] W Power consumption tolerance	Input Voltage	220-240 V		
Average CLO power consumption DELETE W Init. Color Rendering Index Tolerance	Line Frequency	50 to 60 Hz		
End CLO power consumption DELETE W Inrush current 22 A Over Time Performance (IEC Compliant) Inrush time 0.29 ms Control gear failure rate at median 10 % Inrush time 0.29 ms Control gear failure rate at median 10 % Inrush consumption 17 W Useful Life 100000 h Immail temperature Ly1 Inrush current 25 °C Insurance at median useful Ly1 Item maintenance at median u				
Inrush current 22 A Inrush time 0.29 ms Power Consumption 17 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type 20 B Ambient temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP213 LED27-45/740 I DM50 D9 48/60A Full product name BGP213 LED27-45/740 I DM50 D9 48/60A Full product code 87186963487890 Order code 910925863468 Material Nr. (12NC) 910925863468 Mumerator - Quantity Per Pack 1 EAN/UPC - Product Dats Numerator - Quantity Per Pack 1 EAN/UPC - Case 8718696348789 Order product bax Park order order box 1 EAN/UPC - Case 8718696348789 Full product code 8718696348789 Numerator - Quantity Per Pack 1 EAN/UPC - Case 8718696348789			Init. Color Rendering Index Tolerance	+/-2
Control gear failure rate at median useful life 100000 h Useful				
Power Consumption 17 W Useful life 100000 h Lumen maintenance at median useful L91				
Lumen maintenance at median useful Light				10 %
Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type 20 B Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP213 LED27-4S/740 I DM50 D9 48/60A Full product name BGP213 LED27-4S/740 I DM50 D9 48/60A Full product code 871869634878900 Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Onder code 8718696348789 EAN/UPC - Case 8718696348789 Reflector material Polycarbonate Optic material Polycarbonate	· · · · · · · · · · · · · · · · · · ·			
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Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP213 LED27-45/740 I DM50 D9 48/60A Full product name BGP213 LED27-45/740 I DM50 D9 48/60A Full product code 871869634878900 Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Material Nr. (12NC) 910925863468 Material Nr. (12NC) 910925863468 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696348789 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696348789 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696348789		<u> </u>	tire 100000 n	
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Temperature Ambient temperature range -40 to +50 °C Product Data Order product name BGP213 LED27-4S/740 DM50 D9 48/60A Full product name BGP213 LED27-4S/740 DM50 D9 48/60A Full product name BGP213 LED27-4S/740 DM50 D9 48/60A Full product code 871869634878900 Driver/power unit/transformer Power supply unit with DALI interface Order code 910925863468 Control interface DALI Material Nr. (12NC) 910925863468 Constant light output No No Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696348789 Mechanical and Housing Numerator - Packs per outer box 1 Housing Material Aluminum die cast EAN/UPC - Case 8718696348789 Optic material Polycarbonate	В			
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Controls and Dimming Full product name BGP213 LED27-4S/740 I DM50 D9 48/60A Full product code B71869634878900 Dimmable Yes Full product code 871869634878900 Driver/power unit/transformer Power supply unit with DALI interface Order code 910925863468 Control interface DALI Material Nr. (12NC) 910925863468 Constant light output No Numerator - Quantity Per Pack EAN/UPC - Product/Case 8718696348789 Mechanical and Housing Housing Material Aluminum die cast EAN/UPC - Case 8718696348789 Reflector material Polycarbonate Optic material Polycarbonate		40 to 150 °C	Product Data	
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Reflector material Polycarbonate Optic material Polycarbonate		Aluminum dio cast	<u> </u>	
Optic material Polycarbonate			LANY OFC - Case	G/10030340703
				
Optical cover material rempered glass				
	Optical cover material	rempered glass		

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Dimensional drawing









