LumiStreet

BGP213 LED22-4S/740 I DM50 D9 48/60A

LumiStreet Small, LED module 2200 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	LED22 [LED module 2200 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
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
Warranty period	5 years

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EU RoHS compliant	No		**Fixation material**	Aluminum
Embedded control	–		**Housing Color**	Grey
			Mounting device	Universal for diameter 48 to 60 mm adjustable
Light Technical			**Optical cover shape**	Flat
Upward light output ratio	0		**Optical cover finish**	Clear
Luminous Flux	1,892 lm		**Overall length**	630 mm
Standard tilt angle posttop	0°		**Overall width**	270 mm
Standard tilt angle side entry	0°		**Overall height**	98 mm
Correlated Color Temperature (Nom)	4000 K		**Effective projected area**	0.038 m²
Luminous Efficacy (rated) (Nom)	130 lm/W		**Dimensions (Height x Width x Depth)**	98 x 270 x 630 mm
Color rendering index (CRI)	70			
Number of light sources	1		**Approval and Application**	
Light source color	740 neutral white		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Optical cover type	Flat glass		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Luminaire light beam spread	154° – 31° x 54°		**Surge Protection (Common/Differential)**	Philips standard surge protection level
Optic type outdoor	Distribution medium		**Protection class IEC**	Safety class I
Operating and Electrical			**Initial Performance (IEC Compliant)**	
Input Voltage	220-240 V		**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz		**Initial chromaticity**	(0.381, 0.379) SDCM <5
Initial CLO power consumption	[DELETE] W		**Power consumption tolerance**	+/-10%
Average CLO power consumption	[DELETE] W		**Init. Color Rendering Index Tolerance**	+/-2
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 useful life 100000 h**	10 %
Power Consumption	14.6 W			
Power Factor (Fraction)	0.93		**Lumen maintenance at median useful life* 100000 h**	L91
Connection	Screw connection block 3-pole			
Cable	–			
Number of products on MCB of 16 A type B	20		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	0% (digital)
Ambient temperature range	-40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BGP213 LED22-4S/740 I DM50 D9 48/60A
Dimmable	Yes		**Full product name**	BGP213 LED22-4S/740 I DM50 D9 48/60A
Driver/power unit/transformer	Power supply unit with DALI interface		**Full product code**	871869634876500
Control interface	DALI		**Order code**	910925863466
Constant light output	No		**Material Nr. (12NC)**	910925863466
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696348765
Housing Material	Aluminum die cast		**Numerator – Packs per outer box**	1
Reflector material	Polycarbonate		**EAN/UPC – Case**	8718696348765
Optic material	Polycarbonate			
Optical cover material	Tempered glass			

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Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change