LumiStreet

BGP213 ECO39/740 II DM CLO-DDF2 D18 FQQ-

LumiStreet Small, LED EconomyLine 3900 lm, 740 neutral white, Safety class II, Distribution medium, Constant light output and DynaDimmer fixed presets version 2, Cable 10 m without plug, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO39 [LED EconomyLine 3900 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

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ENEC mark	ENEC mark	**Optical cover material**	Tempered glass
Warranty period	5 years	**Fixation material**	Aluminum
EU RoHS compliant	No	**Housing Color**	Grey
Embedded control	Constant light output and DynaDimmer fixed presets version 2	**Mounting device**	Universal for diameter 48 to 60 mm adjustable
		Optical cover shape	Flat
		Optical cover finish	Clear

Light Technical

Upward light output ratio	0	**Overall length**	630 mm
Luminous Flux	3,230 lm	**Overall width**	270 mm
Standard tilt angle posttop	0°	**Overall height**	98 mm
Standard tilt angle side entry	0°	**Effective projected area**	0.038 m²
Correlated Color Temperature (Nom)	4000 K	**Dimensions (Height x Width x Depth)**	98 x 270 x 630 mm
Luminous Efficacy (rated) (Nom)	129 lm/W		
Color rendering index (CRI)	70		

Approval and Application

Number of light sources	3	**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white	**Mech. impact protection code**	IK08 [5 J vandal-protected]
Optical cover type	Flat glass	**Surge Protection (Common/Differential)**	Philips standard surge protection level
Luminaire light beam spread	154°	**Protection class IEC**	Safety class II
Optic type outdoor	Distribution medium		

Operating and Electrical

Initial Performance (IEC Compliant)

Input Voltage	220–240 V	**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz	**Initial chromaticity**	(0.380, 0.380) SDCM <5
Initial CLO power consumption	24.8 W	**Power consumption tolerance**	+/-10%
Average CLO power consumption	27.9 W	**Init. Color Rendering Index Tolerance**	+/-2
End CLO power consumption	31 W		

Over Time Performance (IEC Compliant)

Inrush current	45 A	**Control gear failure rate at median useful life 100000 h**	10 %
Inrush time	0.285 ms		
Power Consumption	31 W	**Lumen maintenance at median useful life* 100000 h**	L100
Power Factor (Fraction)	0.95		
Connection	Screw connection block 3-pole		
Cable	Cable 10 m without plug		

Application Conditions

Number of products on MCB of 16 A type B	10	**Performance ambient temperature Tq**	25 °C
		Maximum dim level	Programmable

Temperature

Product Data

Ambient temperature range	–40 to +50 °C	**Order product name**	BGP213 ECO39/740 II DM CLO-DDF2 D18 FQQ-

Controls and Dimming

Dimmable	Yes	**Full product name**	BGP213 ECO39/740 II DM CLO-DDF2 D18 FQQ-
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)	**Full product code**	871869632021100
		Order code	910925452303
Control interface	Internal (no external connection)	**Material Nr. (12NC)**	910925452303
Constant light output	Yes	**Numerator – Quantity Per Pack**	1
		EAN/UPC – Product/Case	8718696320211

Mechanical and Housing

Housing Material	Aluminum die cast	**Numerator – Packs per outer box**	1
Reflector material	Polycarbonate	**EAN/UPC – Case**	8718696320211
Optic material	Polycarbonate		

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Dimensional drawing