



LumiStreet

BGP213 ECO49/740 II DM CLO FQQ-2X1.5 48/

LumiStreet Small, LED EconomyLine 4900 lm, 740 neutral white, Safety class II, Distribution medium, Constant light output, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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		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	
Lamp family code	ECO49 [LED EconomyLine 4900 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		
		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
EU RoHS compliant	No
Embedded control	Constant light output

Light Technical

Upward light output ratio	0
Luminous Flux	4,080 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	70
Number of light sources	3
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	31.6 W
Average CLO power consumption	35.55 W
End CLO power consumption	39.5 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	39.5 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	Cable 10 m without plug
Number of products on MCB of 16 A type 10 B	

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate

Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 630 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BGP213 ECO49/740 II DM CLO FQQ-2X1.5 48/
Full product name	BGP213 ECO49/740 II DM CLO FQQ-2X1.5 48/
Full product code	871869632004400
Order code	910925452310
Material Nr. (12NC)	910925452310
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320044
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320044

Dimensional drawing

