



LumiStreet

BGP214 ECO115/740 II DM CLO FQQ-2X1.5 48

LumiStreet Large, LED EconomyLine 11500 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	
Lamp family code	ECO115 [LED EconomyLine 11500 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.
Light source engine type	LED
Product family code	BGP214 [LumiStreet Large]
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

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Embedded control	Constant light output
Light Technical	
Upward light output ratio	0
Luminous Flux	8,262 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	70
Number of light sources	6
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium

Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear Overall length 755 mm Overall width 355 mm Overall height 98 mm Effective projected area 0.04 m² Dimensions (Height x Width x Depth) 98 x 355 x 755 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

+/-7%

+/-10%

+/-2

(0.380, 0.380) SDCM <5

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	76 W
Average CLO power consumption	85.5 W
End CLO power consumption	95 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	95 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	8

Temperature

Ambient temperature range

range -40 to +50 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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

Application Conditions

Performance ambient temperature Tq 25 °C

Over Time Performance (IEC Compliant) Control gear failure rate at median useful 10 %

Lumen maintenance at median useful life* L100

Initial Performance (IEC Compliant)

Luminous flux tolerance

Power consumption tolerance Init. Color Rendering Index Tolerance

Initial chromaticity

Product Data

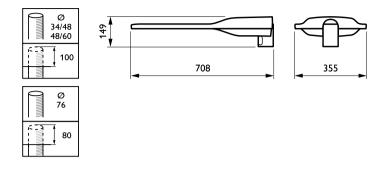
life 100000 h

100000 h

Order product name	BGP214 ECO115/740 II DM CLO FQQ-2X1.5
	48
Full product name	BGP214 ECO115/740 II DM CLO FQQ-2X1.5
	48
Full product code	871869632031000
Order code	910925452320
Material Nr. (12NC)	910925452320
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320310
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320310

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Dimensional drawing





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