



# LumiStreet

## BGP214 ECO115/740 II DM CLO-DDF1 D18 FQQ

LumiStreet Large, LED EconomyLine 11500 lm, 740 neutral white, Safety class II, Distribution medium, Constant light output and DynaDimmer fixed presets version 1, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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]		B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BGP214 [LumiStreet Large]
Driver included	Yes	Lighting Technology	LED
Photocell	-	Glow-wire test	Temperature 850 °C, duration 5 s
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	Flammability mark	-
		CE mark	Yes
		ENEC mark	ENEC mark
		Warranty period	5 years
		EU RoHS compliant	No

<b>Embedded control</b>	Constant light output and DynaDimmer fixed presets version 1
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## Light Technical

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

## Operating and Electrical

<b>Input Voltage</b>	220-240 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Initial CLO power consumption</b>	76 W
<b>Average CLO power consumption</b>	85.5 W
<b>End CLO power consumption</b>	95 W
<b>Inrush current</b>	53 A
<b>Inrush time</b>	0.3 ms
<b>Power Consumption</b>	95 W
<b>Power Factor (Fraction)</b>	0.95
<b>Connection</b>	Screw connection block 3-pole
<b>Cable</b>	Cable 10 m without plug

Number of products on MCB of 16 A type 8

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## Temperature

<b>Ambient temperature range</b>	-40 to +50 °C
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## Controls and Dimming

<b>Dimmable</b>	Yes
<b>Driver/power unit/transformer</b>	Power supply unit with DynaDimmer and constant light output (integrated)
<b>Control interface</b>	Internal (no external connection)
<b>Constant light output</b>	Yes

## Mechanical and Housing

<b>Housing Material</b>	Aluminum die cast
<b>Reflector material</b>	Polycarbonate
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Tempered glass
<b>Fixation material</b>	Aluminum

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

## Approval and Application

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

## Initial Performance (IEC Compliant)

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

## Over Time Performance (IEC Compliant)

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

## Application Conditions

<b>Performance ambient temperature Tq</b>	25 °C
<b>Maximum dim level</b>	Programmable

## Product Data

<b>Order product name</b>	BGP214 ECO115/740 II DM CLO-DDF1 D18 FQQ
<b>Full product name</b>	BGP214 ECO115/740 II DM CLO-DDF1 D18 FQQ
<b>Full product code</b>	871869632035800
<b>Order code</b>	910925452321
<b>Material Nr. (12NC)</b>	910925452321
<b>Numerator - Quantity Per Pack</b>	1
<b>EAN/UPC - Product/Case</b>	8718696320358
<b>Numerator - Packs per outer box</b>	1
<b>EAN/UPC - Case</b>	8718696320358

## Dimensional drawing

