PHILIPS

Lighting



LumiStreet

BGP213 ECO33/740 II DW CLO-DDF2 D18 FQQ-

LumiStreet Small, LED EconomyLine 3300 lm, 740 neutral white, Safety class II, Distribution wide, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO33 [LED EconomyLine 3300 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
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Constant light output and DynaDimmer fixed presets version 2

Light Technical

Upward light output ratio	0
Luminous Flux	2,656 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	126 lm/W
Color rendering index (CRI)	70
Number of light sources	2
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution wide

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	22.4 W
Average CLO power consumption	25.2 W
End CLO power consumption	28 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	28 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 B	20

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

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

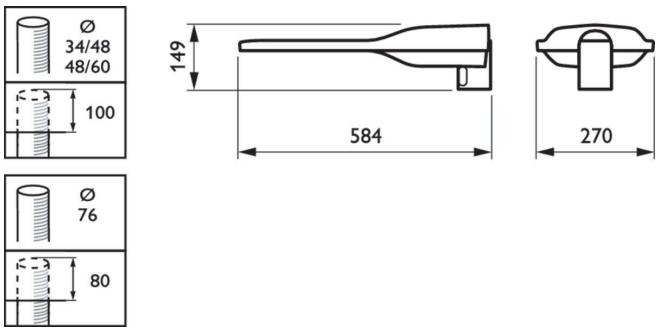
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product Data

Order product name	BGP213 ECO33/740 II DW CLO-DDF2 D18 FQQ-
Full product name	BGP213 ECO33/740 II DW CLO-DDF2 D18 FQQ-
Full product code	871869632026600
Order code	910925452297
Material Nr. (12NC)	910925452297
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320266
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320266

Dimensional drawing



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