



LumiStreet

BGP213 ECO24/740 II DW MSP CLO-LS-8 D18

LumiStreet Small, LED EconomyLine 2400 lm, 740 neutral white, Safety class II, Distribution wide, Marine salt protected coating, Constant light output and LumiStep dimming 8 hours, Cable 10 m without plug

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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			the median useful life (B50) value also
Lamp family code	ECO24 [LED EconomyLine 2400 lm]		represents the B10 value. * At extreme ambier
Light source replaceable	Yes		temperatures the luminaire might
Number of gear units	1 unit		automatically dim down to protect
Driver included	Yes		components
Photocell	-	Light source engine type	LED
Remarks	*-Per Lighting Europe guidance paper	Product family code	BGP213 [LumiStreet Small]
	"Evaluating performance of LED based	Lighting Technology	LED
	luminaires - January 2018": statistically there is	Glow-wire test	Temperature 850 °C, duration 5 s
	no relevant difference in lumen maintenance	Flammability mark	-
	between B50 and for example B10. Therefore,	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 LumiStep dimming 8
	hours
Light Technical	
Upward light output ratio	0
Luminous Flux	1,992 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 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	16 W

Line Frequency	50 to 60 Hz
Initial CLO power consumption	16 W
Average CLO power consumption	18 W
End CLO power consumption	20 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	20 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	20
type B	

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

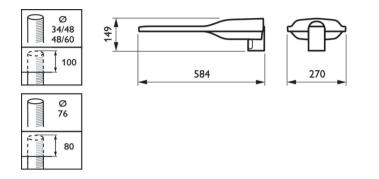
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class II

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	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Programmable	

Product Data BGP213 ECO24/740 II DW MSP CLO-LS-8 D18 Order product name BGP213 ECO24/740 II DW MSP CLO-LS-8 D18 Full product name Full product code 871869632041900 Order code 910925452288 Material Nr. (12NC) 910925452288 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320419 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320419

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Dimensional drawing





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