



# LumiStreet

## BGP213 ECO58/740 II DM CLO S05Z1Z1-R-2X1

LumiStreet Small, LED EconomyLine 5800 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO58 [LED EconomyLine 5800 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

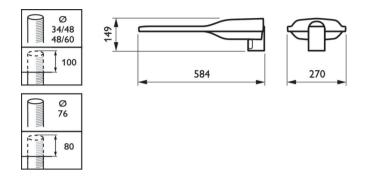
### LumiStreet

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	4,788 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131 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	38.88 W
Average CLO power consumption	43.74 W
End CLO power consumption	48.6 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	48.6 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
В	
Temperature	
Ambient temperature range	-40 to +50 °C
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	
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
	(0.380, 0.380) SDCM <5 +/-10%
Initial chromaticity	+/-10% +/-2 iant)
Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Compl Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	+/-10% +/-2 iant)
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Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Compl Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data	+/-10% +/-2 10 % L100 25 °C
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## LumiStreet

#### Dimensional drawing





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