



# LumiStreet

## BGP212 ECO82/740 I DDF27 48/60A

LumiStreet Mini, LED EconomyLine 8200 lm, 740 neutral white, Safety class I, Distribution medium, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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.

### Warnings and Safety

- PLEASE NOTE LUMISTREET SMALL IS NOT AVAILABLE FOR SALE IN UK & IRELAND; SAME HAS BEEN REPLACED BY LUMISTREET MINI

### Product data

General Information	
Lamp family code	ECO82 [LED EconomyLine 8200 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there

is no relevant difference in lumen maintenance between the B50 and, for example, the 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	BGP212 [LumiStreet Mini]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

## Light Technical

Upwards light output ratio	0
Luminous Flux	8,200 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	127 lm/W
Colour rendering index (CRI)	70
Light source colour	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	[DELETE] W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	64.6 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	10

## Temperature

Ambient temperature range	-40 to +50 °C
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## Controls and Dimming

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

## Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Polycarbonate

Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	505 mm
Overall width	270 mm
Overall height	98 mm
Overall diameter	150 mm
Effective projected area	0.0356 m <sup>2</sup>
Dimensions (height x width x depth)	98 x 270 x 505 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 I

## 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 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L80

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

## Product Data

Order product name	BGP212 ECO82/740 I DDF27 48/60A
Full product name	BGP212 ECO82/740 I DDF27 48/60A
Full EOC	871869638199100
Order code	38199100
Material no. (12 NC)	910925864079
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696381991
Numerator – packs per outer box	1
EAN/UPC - Case	8718696381991

Dimensional drawing

