



LumiStreet

BGS212 ECO41/740 II 48/60A

LumiStreet Mini - LED EconomyLine 4100 lm - 740 neutral white - Safety class II - Distribution medium - Universal for diameter 48-60 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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		Cable	-
Number of light sources	1 [1 pc]	Protection class IEC	Safety class II
Lamp family code	ECO41 [LED EconomyLine 4100 lm]	Flammability mark	NO [-]
Light source colour	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSU [Power supply unit]	Outdoor optic type	Distribution medium
Driver included	Yes	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
Optical cover/lens type	FG [Flat glass]		
Luminaire light beam spread	154°		
Control interface	-		
Connection	Screw connection block 3-pole		

	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
Supply cable type	No [-]
Constant light output	No
Number of products on MCB	18
EU RoHS compliant	Yes
LED engine type	LED
Product Family Code	BGS212 [LumiStreet Mini]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input voltage	220-240 V
Input 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	27 A
Inrush time	29 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Aluminium
Mounting device	48/60A [Universal for diameter 48-60 mm adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	505 mm
Overall width	270 mm

Overall height	98 mm
Effective projected area	0.0356 m ²
Colour	Grey
Dimensions (height x width x depth)	98 x 270 x 505 mm (3.9 x 10.6 x 19.9 in)

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 kV

Initial Performance (IEC Compliant)

Initial luminous flux	4100 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	128 lm/W
Init. Corr. Colour Temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	31.6 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

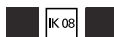
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

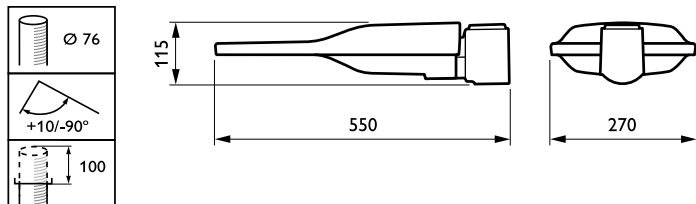
Product Data

Full product code	871869638196000
Order product name	BGS212 ECO41/740 II 48/60A
EAN/UPC – product	8718696381960
Order code	38196000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (I2NC)	910925864076
Net weight (piece)	4.300 kg



Warnings and Safety

Dimensional drawing



LumiStreet Small BGP/BGS212/213

