



Luma Micro

BGP615 GRN13/NW PSU II OFR1 GR 62

LUMA MICRO, 12, LED GreenLine 1300 lm, Power supply unit (On/Off), Optiflux version R1, Spigot for diameter 62 mm

Luma is a REVOLED™ road-lighting luminaire with a clear design identity, offering a perfectly cooled, fit-and-forget solution for all streets and roads. The lumen package, lifetime and energy profile can be tuned to create the desired solution in terms of energy and cost savings. Luma can be programmed to keep the flux of the LEDs at a predefined constant level over the lifetime of the luminaire – by increasing the operating current over time to compensate for the LED lumen depreciation. This eliminates over-lighting at the beginning, enabling additional extra energy savings. Luma’s truly flat design prevents upward light, and the OPTIFLUX™ lens optics meet current lighting standards. To optimize the light distribution for varying road geometries and/or glare restrictions, the tilt angle can easily be adjusted on installation.

Product data

General Information		CE mark	
Lamp family code	GRN13 [LED GreenLine 1300 lm]	Warranty period	5 years
Light source replaceable	Yes	Flammability mark	-
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 5 s
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	EU RoHS compliant	No
Light source engine type		Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BGP615 [LUMA MICRO]	Luminous Flux	1,144 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Embedded control	-	Standard tilt angle side entry	0°

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	95.3 lm/W
Color rendering index (CRI)	70
Number of light sources	12
Light source color	Neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Optiflux version R1

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	10 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B 20	

Temperature

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

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 62 mm

Optical cover shape	Flat
Optical cover finish	Clear
Overall length	622 mm
Overall width	290 mm
Overall height	130 mm
Effective projected area	0.049 m ²
Dimensions (Height x Width x Depth)	130 x 290 x 622 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
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	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

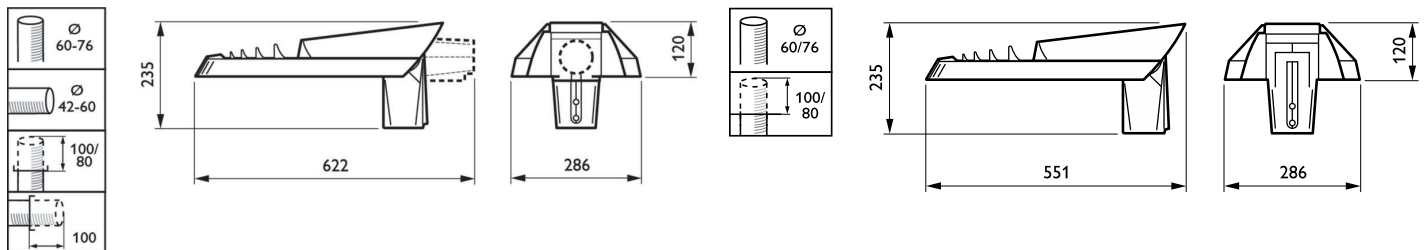
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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Product Data

Order product name	BGP615 GRN13/NW PSU II OFR1 GR 62
Full product name	BGP615 GRN13/NW PSU II OFR1 GR 62
Full product code	871869634018900
Order code	34018900
Material Nr. (12NC)	910925439735
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696340189
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696340189

Dimensional drawing



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Dimensional drawing

