



# Luma Micro

## BGP615 GRN29/NW PSD I OFR6 GR D9 62S

LUMA MICRO, LED GreenLine 2900 lm, Neutral white, Power supply unit with DALI interface, Safety class I, Optiflux version R6, Grey, Side-entry for diameter 62 mm

Luma is a high-performance 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 uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Moreover, Luma's truly flat design prevents upward light. 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		Lighting Technology	
Lamp family code	GRN29 [LED GreenLine 2900 lm]	Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	Yes	Flammability mark	-
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	ENEC mark	ENEC mark
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Warranty period	5 years
Light source engine type	LED	EU RoHS compliant	No
Product family code	BGP615 [LUMA MICRO]	Embedded control	-

Light Technical	
Upward light output ratio	0
Luminous Flux	2,552 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-5°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106.3 lm/W
Color rendering index (CRI)	70
Number of light sources	20
Light source color	Neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Optiflux version R6

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	21 W
Power Factor (Fraction)	0.96
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

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	Side-entry for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	551 mm
Overall width	290 mm
Overall height	235 mm
Effective projected area	0.049 m²
Dimensions (Height x Width x Depth)	235 x 290 x 551 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 I

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 %

Application Conditions	
Maximum dim level	0% (digital)

Product Data	
Order product name	BGP615 GRN29/NW PSD I OFR6 GR D9 62S
Full product name	BGP615 GRN29/NW PSD I OFR6 GR D9 62S
Full product code	871869634734800
Order code	910925863323
Material Nr. (12NC)	910925863323
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696347348
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696347348

## Luma Micro

### Dimensional drawing

