



# **Luma Micro**

## BGP615 LED10-4S/740 PSU I DM10 GR 62

LUMA MICRO, LED Module 1000 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution medium 10, Grey, 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	
Lamp family code	LED10 [LED Module 1000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
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
	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	BGP615 [LUMA MICRO]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-

Datasheet, 2023, April 29 data subject to change

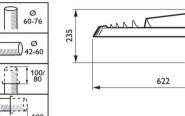
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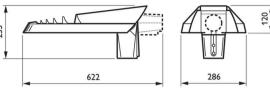
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
	No
EU RoHS compliant	NO
Light Technical	
Upward light output ratio	0
Luminous Flux	900 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	70
Number of light sources	12
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	157° - 33° x 55°
Optic type outdoor	Distribution medium 10
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.295 ms
Power Consumption	7.2 W
Power Factor (Fraction)	0.93
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	29
В	
Temperature	
Ambient temperature range	-40 to +50 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer  Control interface	Power supply unit (On/Off)
Constant light output	No No
Constant light output	140
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 m²
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 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 Compli	ant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L96
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BGP615 LED10-4S/740 PSU I DM10 GR 62
Full product name	BGP615 LED10-4S/740 PSU I DM10 GR 62
Full product code	871869637310100
Order code	37310100
Material Nr. (12NC)	910925452183
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696373101
Numerator - Packs per outer box	0710000272101
EAN/UPC - Case	8718696373101

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#### Dimensional drawing







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