



Luma Micro

BGP615 LED10-4S/740 PSU I DM10 GR SRG10

LUMA MICRO - LED Module 1000 lm - 740 neutral white - Power supply unit - Safety class I (I) - Distribution medium 10 - Gray - 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]	Cable	-
Light source colour	740 neutral white	Protection class IEC	Safety class I (I)
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	-
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [Flat glass]	Outdoor optic type	Distribution medium 10
Luminaire light beam spread	157° - 33° x 55°	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
Control interface	-		
Connection	SI [Screw connection block]		

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	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
Constant light output	No
Number of products on MCB	20
RoHS mark	-
LED engine type	LED
Product Family Code	BGP615 [LUMA MICRO]

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 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	15 A
Inrush time	0.36 ms
Power factor (min.)	0.93

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	62 [Spigot for diameter 62 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	622 mm
Overall width	290 mm
Overall height	130 mm

Effective projected area	0.049 m ²
Colour	Gray

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge protection (common/differential)	Surge protection level until 10 kV

Initial Performance (IEC Compliant)

Initial luminous flux	900 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	7.2 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

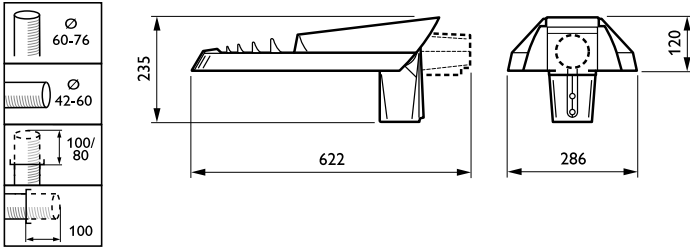
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869637253100
Order product name	BGP615 LED10-4S/740 PSU I DM10 GR SRG10
EAN/UPC – product	8718696372531
Order code	37253100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925452126
Net weight (piece)	6.810 kg

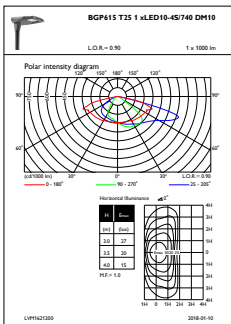
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Dimensional drawing

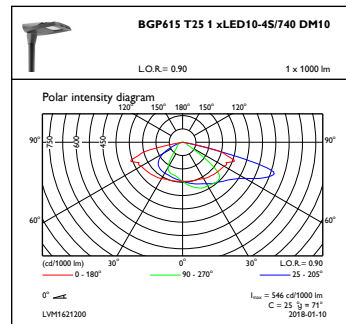


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Photometric data



OFPL1_BGP615T251xLED10-4S740DM10



OFPC1_BGP615T251xLED10-4S740DM10

