PHILIPS Lighting



Luma Micro

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

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
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

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Power Factor (Fraction)

Number of products on MCB of 16 A type 29

Connection

Temperature

Dimmable

Control interface Constant light output

Housing Material

Reflector material

Optical cover material

Optic material

Fixation material

Mounting device

Optical cover shape

Housing Color

Ambient temperature range

Controls and Dimming

Driver/power unit/transformer

Mechanical and Housing

Cable

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EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	70
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

0.93

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No

No

Aluminum

Glass

Grey

Flat

Aluminum

Polycarbonate

Polycarbonate

Spigot for diameter 62 mm

-40 to +50 °C

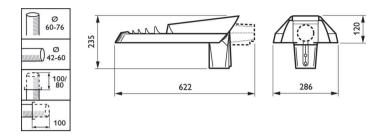
Power supply unit (On/Off)

Screw connection block 3-pole

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)	Luminaire surge protection level until 10 kV
	differential mode and 10 kV common mode
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%
	+/-2
Init. Color Rendering Index Tolerance Over Time Performance (IEC Compl Control gear failure rate at median useful life 100000 h	
Over Time Performance (IEC Compl Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	
Over Time Performance (IEC Compl Control gear failure rate at median useful life 100000 h	10 %
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Dimensional drawing





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