



Luma Micro

BGP615 ECO30/WW PSU I OFR1 GR 62

LUMA MICRO, 20, LED EconomyLine 3000 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	
Lamp family code	ECO30 [LED EconomyLine 3000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* 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	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	2,640 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°

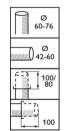
Datasheet, 2023, April 29 data subject to change

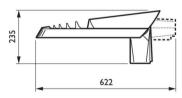
Luma Micro

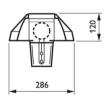
Correlated Color Temperature (Nom) 80 Im/W Color rendering index (CRI) 80 Number of light sources 20 Light source color Warm white Optical cover type Flat glass Luminaire light beam spread 154° Optic type outdoor Optiflux version RI Opticating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.29 ms Power Consumption 26 W Power Factor (Fraction) 0.97 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 No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic and evice Spigot for diameter 62 mm		
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Light source color Warm 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 26 W Power Factor (Fraction) 0.97 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 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 Glass Fixation material Aluminum Housing Color Grey	Luminous Efficacy (rated) (Nom)	80 lm/W
Light source color Optical cover type Flat glass Luminaire light beam spread 154° Optic type outdoor 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 current 0.29 ms Power Consumption 0.97 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 No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Optic material Optic acover material Housing Color Grey	Color rendering index (CRI)	80
Optical cover type 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 26 W Power Factor (Fraction) Op7 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 No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color Grey	Number of light sources	20
Luminaire light beam spread Optic type outdoor 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 26 W Power Factor (Fraction) 0.97 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 No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Glass Fixation material Housing Color Grey	Light source color	Warm white
Optic type outdoor Optiflux version R1 Operating and Electrical Input Voltage Line Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.29 ms Power Consumption 26 W Power Factor (Fraction) 0.97 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 No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color Grey	Optical cover type	Flat glass
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Cable Number of products on MCB of 16 A type B 20 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Glass Fixation material Housing Color Grey	Power Factor (Fraction)	0.97
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Temperature Ambient temperature range -40 to +50 °C 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	Cable	-
Ambient temperature range -40 to +50 °C 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	Number of products on MCB of 16 A type B	20
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Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Aluminum Glass Fixation material Housing Color Grey	Dimmable	No
Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Glass Fixation material Aluminum Housing Color Grey	Driver/power unit/transformer	Power supply unit (On/Off)
Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Glass Fixation material Aluminum Housing Color Grey	Constant light output	No
Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Glass Fixation material Aluminum Housing Color Grey		
Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Glass Fixation material Aluminum Housing Color Grey	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Glass Fixation material Aluminum Housing Color Grey	Housing Material	Aluminum
Optical cover material Glass Fixation material Aluminum Housing Color Grey	Reflector material	Polycarbonate
Fixation material Aluminum Housing Color Grey	Optic material	Polycarbonate
Housing Color Grey	Optical cover material	Glass
	Fixation material	Aluminum
Mounting device Spigot for diameter 62 mm	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 Compliant)		
Driver failure rate at 5000 h	0.5 %	
Product Data		
Order product name	BGP615 ECO30/WW PSU I OFR1 GR 62	
Full product name	BGP615 ECO30/WW PSU I OFR1 GR 62	
Full product code	871869634037000	
Order code	34037000	
Material Nr. (12NC)	910925439754	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696340370	

Dimensional drawing



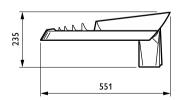




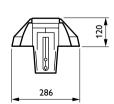


Numerator - Packs per outer box

EAN/UPC - Case



8718696340370



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