



Luma Micro

BGP615 ECO21/WW PSU I OFR1 GR 62

LUMA MICRO, 12, LED EconomyLine 2100 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 | ECO21 [LED EconomyLine 2100 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 |
| | luminaire might automatically dim down to protect components |
| Light source engine type | · · |
| Light source engine type Product family code | protect components |
| | protect components LED |
| Product family code | protect components LED BGP615 [LUMA MICRO] |

| 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 | 1,848 lm |
| Standard tilt angle posttop | O° |
| Standard tilt angle side entry | O° |

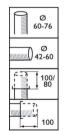
Datasheet, 2023, April 29 data subject to change

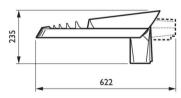
Luma Micro

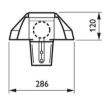
| Correlated Color Temperature (Nom) 73.9 lm/W Color rendering index (CRI) 80 Number of light sources 12 Light source color Warm white Optical cover type Flat glass Luminaire light beam spread 154° Optic type outdoor Optiflux version RI Opticating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.29 ms Power Consumption 19 W Power Factor (Fraction) 0.95 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) No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic atleration Grey Mounting Color Grey Mounting Color Mounting Color Mounting Mounting Color immediate 62 mm | | |
|--|--|-------------------------------|
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| Number of light sources 12 | Luminous Efficacy (rated) (Nom) | 73.9 lm/W |
| Light source color 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 19 W Power Factor (Fraction) 0.95 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 Glass Fixation material Housing Color Grey | Color rendering index (CRI) | 80 |
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| 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 19 W Power Factor (Fraction) 0.95 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 Polycarbonate Optic material Optical cover material Glass Fixation material Housing Color Grey | Optical cover type | Flat glass |
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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 | - |
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| Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Orey | 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 ECO21/WW PSU I OFR1 GR 62 | |
| Full product name | BGP615 ECO21/WW PSU I OFR1 GR 62 | |
| Full product code | 871869634035600 | |
| Order code | 34035600 | |
| Material Nr. (12NC) | 910925439752 | |
| Numerator - Quantity Per Pack | 1 | |
| EAN/UPC - Product/Case | 8718696340356 | |

Dimensional drawing



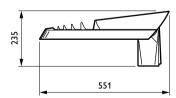




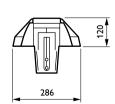


Numerator - Packs per outer box

EAN/UPC - Case



8718696340356



Luma Micro



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