



Luma Micro

BGP615 ECO29/NW PSU II OFR1 GR 62

LUMA MICRO, 12, LED EconomyLine 2900 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 | | Light Technical | |
|--------------------------|--|--------------------------------|----------------------------------|
| Lamp family code | ECO29 [LED EconomyLine 2900 lm] | CE mark | Yes |
| Light source replaceable | Yes | Warranty period | 5 years |
| Number of gear units | 1 unit | Flammability mark | - |
| Driver included | Yes | ENEC mark | ENEC mark |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | Glow-wire test | Temperature 850 °C, duration 5 s |
| Light source engine type | LED | EU RoHS compliant | No |
| Product family code | BGP615 [LUMA MICRO] | Upward light output ratio | 0 |
| Lighting Technology | LED | Luminous Flux | 2,552 lm |
| Embedded control | - | Standard tilt angle posttop | 0° |
| | | Standard tilt angle side entry | 0° |

Luma Micro

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|------------------------------------|---------------------|
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 94.5 lm/W |
| Color rendering index (CRI) | 70 |
| Number of light sources | 12 |
| Light source color | Neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 154° |
| Optic type outdoor | Optiflux version R1 |

Operating and Electrical

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|---|-------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.29 ms |
| Power Consumption | 23 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

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|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

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|------------------------|---------------------------|
| 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 |

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|-------------------------------------|----------------------|
| 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 m ² |
| Dimensions (Height x Width x Depth) | 130 x 290 x 622 mm |

Approval and Application

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| 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 II |

Initial Performance (IEC Compliant)

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|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.381, 0.379) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

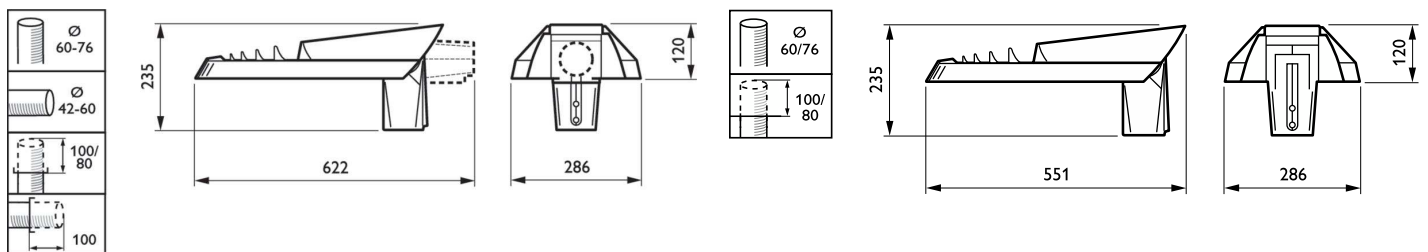
Over Time Performance (IEC Compliant)

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|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.5 % |
|-------------------------------|-------|

Product Data

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|---------------------------------|-----------------------------------|
| Order product name | BGP615 ECO29/NW PSU II OFR1 GR 62 |
| Full product name | BGP615 ECO29/NW PSU II OFR1 GR 62 |
| Full product code | 871869634026400 |
| Order code | 34026400 |
| Material Nr. (12NC) | 910925439743 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696340264 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696340264 |

Dimensional drawing



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Dimensional drawing

