



Luma Micro

BGP615 GRN13/NW PSD I OFR6 GR D9 62S

LUMA MICRO, LED GreenLine 1300 lm, Neutral white, Power supply unit with DALI interface, Safety class I, Optiflux version R6, Grey, Side-entry for diameter 62 mm

Luma is a high-performance 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 uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Moreover, Luma's truly flat design prevents upward light. 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 | | Lighting Technology | |
|--------------------------|--|---------------------|----------------------------------|
| Lamp family code | GRN13 [LED GreenLine 1300 lm] | Lighting Technology | LED |
| Light source replaceable | Yes | Glow-wire test | Temperature 850 °C, duration 5 s |
| Number of gear units | 1 unit | Flammability mark | - |
| Driver included | Yes | CE mark | Yes |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | ENEC mark | ENEC mark |
| Light source engine type | LED | Warranty period | 5 years |
| Product family code | BGP615 [LUMA MICRO] | EU RoHS compliant | No |
| | | Embedded control | - |

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| Light Technical | |
|------------------------------------|---------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 1,144 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | -5° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 95.3 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 R6 |

| 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 | 10 W |
| Power Factor (Fraction) | 0.9 |
| 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 | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| 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 |
| Mounting device | Side-entry for diameter 62 mm |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 551 mm |
| Overall width | 290 mm |
| Overall height | 235 mm |
| Effective projected area | 0.049 m ² |
| Dimensions (Height x Width x Depth) | 235 x 290 x 551 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 % |

| Application Conditions | |
|------------------------|--------------|
| Maximum dim level | 0% (digital) |

| Product Data | |
|---------------------------------|--------------------------------------|
| Order product name | BGP615 GRN13/NW PSD I OFR6 GR D9 62S |
| Full product name | BGP615 GRN13/NW PSD I OFR6 GR D9 62S |
| Full product code | 871869634733100 |
| Order code | 910925863322 |
| Material Nr. (12NC) | 910925863322 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696347331 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696347331 |

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Dimensional drawing

