



Iridium gen3 LED Mini

BGP381 GRN40/830 I MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 4000 lm, 830 warm white, Safety class I, Medium wide street optic, Grey, Spigot

Iridium gen3 is the first truly intelligent luminaire designed for seamless connectivity. No hassle in commissioning – just install the luminaire and control it from a distance through CityTouch management software. Remote light management made easy! The new 'plug & play' concept has been designed to ensure safe and easy installation in just three steps: 1. Install the spigot, 2. Plug in the mains, 3. Tilt and close the luminaire. The luminaire's high efficiency at system level ensures significant energy savings compared to existing conventional installations, offering a fast payback. Thanks to its wide choice of lumen packages, optics and color temperatures, Iridium gen3 fits most applications in residential areas. The luminaire's neo-classical design guarantees a consistent look and feel for your surroundings.

Product data

| General Information | | |
|--------------------------|---|--|
| Lamp family code | GRN40 [LED GreenLine 4000 lm] | |
| Light source replaceable | Yes | |
| Number of gear units | 1 unit | |
| Gear | EB [Electronic] | |
| Driver included | Yes | |
| Photocell | - | |
| 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 | BGP381 [Iridium gen3 Mini] | |
| Lighting Technology | LED | |
| Embedded control | - | |
| CE mark | Yes | |
| Warranty period | 5 years | |
| Flammability mark | - | |
| ENEC mark | ENEC mark | |
| Glow-wire test | Temperature 650 °C, duration 5 s | |
| | | |

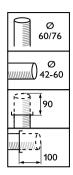
Datasheet, 2023, April 30 data subject to change

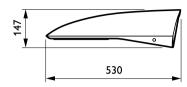
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| EU RoHS compliant | No | Mounting device | Spigot |
|--|-------------------------------|---|--|
| | | Optical cover shape | Flat |
| Light Technical | | Optical cover finish | Textured |
| Upward light output ratio | 0 | Overall length | 531 mm |
| Luminous Flux | 3,680 lm | Overall width | 273 mm |
| Standard tilt angle posttop | O° | Overall height | 156 mm |
| Standard tilt angle side entry | O° | Effective projected area | 0.024 m² |
| Correlated Color Temperature (Nom) | 3000 K | Dimensions (Height x Width x Depth) | 156 x 273 x 531 mm |
| Luminous Efficacy (rated) (Nom) | 110 lm/W | Parts color | Cover painted |
| Color rendering index (CRI) | 80 | | |
| Number of light sources | 1 | Approval and Application | |
| Light source color | 830 warm white | Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Optical cover type | Polycarbonate bowl/cover | Mech. impact protection code | IK09 [10 J] |
| Luminaire light beam spread | 152° | Surge Protection (Common/Differential) | 4/4 kV |
| Optic type outdoor | Medium wide street optic | Protection class IEC | Safety class I |
| | | | |
| Operating and Electrical | | Initial Performance (IEC Compliant) | |
| Input Voltage | 220 to 240 V | Luminous flux tolerance | +/-7% |
| Line Frequency | 50 to 60 Hz | Initial chromaticity | (0.43, 0.41) SDCM <5 |
| Inrush current | 22 A | Power consumption tolerance | +/-10% |
| Inrush time | 0.29 ms | Init. Color Rendering Index Tolerance | +/-2 |
| Power Consumption | 33.5 W | | |
| Power Factor (Fraction) | 0.98 | Over Time Performance (IEC Compliant) | |
| Connection | Screw connection block 3-pole | Control gear failure rate at median useful 10 % | |
| Cable | - | life 100000 h | |
| Number of products on MCB of 16 A type | 20 | Lumen maintenance at median useful life* L80 | |
| В | | 100000 h | |
| | | | |
| Temperature | | Application Conditions | |
| Ambient temperature range | -40 to +50 °C | Performance ambient temperature Tq | 25 ℃ |
| | | Maximum dim level | Not applicable |
| Controls and Dimming | | | |
| Dimmable | No | Product Data | |
| Driver/power unit/transformer | Power supply unit regulating | Order product name | BGP381 GRN40/830 I MSO CO GR SP |
| Control interface | - | Full product name | BGP381 GRN40/830 I MSO CO GR SP |
| Constant light output | No | Full product code | 871829190822700 |
| | | Order code | 90822700 |
| Mechanical and Housing | | Material Nr. (12NC) | 910925438271 |
| Housing Material | Aluminum | Numerator - Quantity Per Pack | 1 |
| Reflector material | - | EAN/UPC - Product/Case | 8718291908227 |
| Optic material | Polycarbonate | Numerator - Packs per outer box | 1 |
| Optical cover material | Polycarbonate | EAN/UPC - Case | 8718291908227 |
| Fixation material | Aluminum | | |
| Housing Color | Grey | | |
| | | | |

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Dimensional drawing









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