



Metronomis LED Fluid

BDS670 GRN20-3S/830 PSR-CLO II MDS 60

Metronomis LED, LED GreenLine 2000 lm, Power supply unit regulating with constant light output, Metronomis distribution symmetrical, Spigot for diameter 60 mm

Philips Metronomis LED is the first post-top luminaire range in the world to offer a palette of lighting effects to give projects a unique contextual or aesthetic touch. An innovative play of reflection, light and shadow that casts a pattern on the ground, or in the bowl, to create additional ambience. Four iconic designs are available: Metronomis LED Torch (BDS650), Metronomis LED Torch with hat (BDS651), Metronomis LED Sharp (BDS660), and Metronomis LED Fluid (BDS670). Each luminaire design has a visual and modular link to Metronomis I, reduced to its essential elements. During the day, the discreet, transparent design blends into its urban context, whether that be contemporary or classical architecture and surroundings, while its night-time appearance is both functional and decorative. Flexible and modular, the Metronomis LED family comes with a range of columns and a wide variety of effects. This enables architects and lighting designers to create a unified, consistent lighting design across any cityscape, while still reflecting the differences in urban culture and history. Metronomis LED also offers all the benefits of LEDGINE. Energy saving, serviceable and upgradable, this luminaire range is designed to maintain excellent light quality over its lifetime.

Product data

| General Information | | | |
|--------------------------|-------------------------------|--|--|
| Lamp family code | GRN20 [LED GreenLine 2000 lm] | | |
| Light source replaceable | Yes | | |
| Number of gear units | 1 unit | | |
| 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

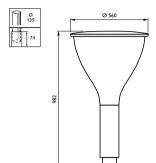
Datasheet, 2023, December 5 data subject to change

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| | extreme ambient temperatures the luminaire | Constant light output | Yes |
|--|--|--|--|
| | might automatically dim down to protect | | |
| | components | Mechanical and Housing | |
| Light source engine type | LED | Housing Material | Aluminum |
| Product family code | BDS670 [Metronomis LED] | Reflector material | Polycarbonate |
| Lighting Technology | LED | Optic material | Polycarbonate |
| Value ladder | Specification | Optical cover material | Polycarbonate |
| Embedded control | - | Fixation material | Aluminum |
| CE mark | Yes | Housing Color | Grey |
| Warranty period | 5 years | Mounting device | Spigot for diameter 60 mm |
| Flammability mark | - | Optical cover shape | - |
| ENEC mark | ENEC mark | Optical cover finish | - |
| Glow-wire test | Temperature 650 °C, duration 5 s | Overall height | 990 mm |
| EU RoHS compliant | Yes | Overall diameter | 560 mm |
| | | Effective projected area | 0.4396 m² |
| Light Technical | | | |
| Standard deviation color matching | 5 | Approval and Application | |
| Upward light output ratio | 5 | Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Luminous Flux | 1,774 lm | - | IK10 [20 J vandal-resistant] |
| Standard tilt angle posttop | - | Mech. impact protection code | |
| | | Surge Protection (Common/Differential) | Philips standard surge protection level |
| Standard tilt angle side entry | 2000 K | Protection class IEC | Safety class II |
| Correlated Color Temperature (Nom) | 3000 K | | |
| Luminous Efficacy (rated) (Nom) | 81 lm/W | Initial Performance (IEC Compliant) | |
| Color rendering index (CRI) | >80 | Luminous flux tolerance | +/-7% |
| Number of light sources | 1 | Initial chromaticity | (0.430, 0.300) SDCM <5 |
| Light source color | 830 warm white | Power consumption tolerance | +/-10% |
| Optical cover type | Polycarbonate bowl/cover | Init. Color Rendering Index Tolerance | +/-2 |
| Luminaire light beam spread | 17° | | |
| Optic type outdoor | Metronomis distribution symmetrical | Over Time Performance (IEC Compli | ant) |
| | | Control gear failure rate at median useful | 10 % |
| Operating and Electrical | | life 100000 h | |
| Input Voltage | 220 to 240 V | Lumen maintenance at median useful life* | L100 |
| Line Frequency | 50 to 60 Hz | 100000 h | |
| Initial CLO power consumption | 13.416 W | | |
| Average CLO power consumption | 15.308 W | Application Conditions | |
| End CLO power consumption | 17.2 W | Performance ambient temperature Tq | 25 °C |
| Inrush current | 22 A | | |
| Inrush time | 0.29 ms | Product Data | |
| Power Consumption | 17.2 W | Order product name | BDS670 GRN20-3S/830 PSR-CLO II MDS 60 |
| Power Factor (Fraction) | 0.95 | Full product name | BDS670 GRN20-3S/830 PSR-CLO II MDS 60 |
| Connection | Screw connector | Full product code | 871829188506100 |
| Cable | - | Order code | 910925437978 |
| Number of products on MCB of 16 A type | 20 | Material Nr. (12NC) | 910925437978 |
| В | | Numerator - Quantity Per Pack | 1 |
| | | EAN/UPC - Product/Case | 8718291885061 |
| Temperature | | Numerator - Packs per outer box | 1 |
| Ambient temperature range | -40 to +50 °C | EAN/UPC - Case | 8718291885061 |
| | | | |
| Controls and Dimming | | | |
| Dimmable | No | | |
| Driver/power unit/transformer | Power supply unit regulating with constant | | |
| | light output | | |
| | neric output | | |

Metronomis LED Fluid

Dimensional drawing





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