



Metronomis LED Fluid

BDS670 GRN15-3S/830 PSU II MDS STAR C450

Metronomis LED, LED GreenLine 1500 lm, Power supply unit (On/Off), Metronomis distribution symmetrical

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 | GRN15 [LED GreenLine 1500 lm] | |
| Light source replaceable | Yes | |
| Number of gear units | 1 unit | |
| Driver included | ed 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

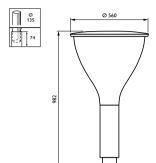
Datasheet, 2023, December 5 data subject to change

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| Light source engine type | LED | Reflector material | Polycarbonate |
|---|-------------------------------------|--|---|
| Light source engine type Product family code | BDS670 [Metronomis LED] | Optic material | Polycarbonate |
| Lighting Technology | LED | Optical cover material | |
| Value ladder | Specification | Fixation material | Polycarbonate Aluminum |
| Embedded control | - | _ | |
| | | Housing Color | Grey |
| CE mark | Yes | Mounting device | Spigot for diameter 60 mm |
| Warranty period | 5 years | Optical cover shape | - |
| Flammability mark | - - | Optical cover finish | - |
| ENEC mark | ENEC mark | Overall height | 990 mm |
| Glow-wire test | Temperature 650 °C, duration 5 s | Overall diameter | 560 mm |
| EU RoHS compliant | Yes | Effective projected area | 0.4396 m ² |
| Light Technical | | Approval and Application | |
| Standard deviation color matching | 5 | Ingress protection code | IP66 [Dust penetration-protected, jet-proof |
| Upward light output ratio | 5 | Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Luminous Flux | 958 lm | Surge Protection (Common/Differential) | Philips standard surge protection level |
| Standard tilt angle posttop | - | Protection class IEC | Safety class II |
| Standard tilt angle side entry | - | | |
| Correlated Color Temperature (Nom) | 3000 K | Initial Performance (IEC Compliant) |) |
| Luminous Efficacy (rated) (Nom) | 56 lm/W | Luminous flux tolerance | +/-7% |
| Color rendering index (CRI) | >80 | Initial chromaticity | (0.430, 0.300) SDCM <5 |
| Number of light sources | 1 | Power consumption tolerance | +/-10% |
| Light source color | 830 warm white | Init. Color Rendering Index Tolerance | +/-2 |
| Optical cover type | Polycarbonate bowl/cover | _ | |
| Luminaire light beam spread | 17° | Over Time Performance (IEC Comp | liant) |
| Optic type outdoor | Metronomis distribution symmetrical | Control gear failure rate at median useful | l 10 % |
| | | life 100000 h | |
| Operating and Electrical | | Lumen maintenance at median useful | L80 |
| Input Voltage | 220 to 240 V | life* 100000 h | |
| Line Frequency | 50 to 60 Hz | | |
| Inrush current | 22 A | Application Conditions | |
| Inrush time | 0.29 ms | Performance ambient temperature Tq | 25 ℃ |
| Power Consumption | 12.8 W | | |
| Power Factor (Fraction) | 0.92 | Product Data | |
| Connection | Screw connector | Order product name | BDS670 GRN15-3S/830 PSU II MDS STAR |
| Cable | Cable 0.45 m without plug | _ | C450 |
| Number of products on MCB of 16 A type | | Full product name | BDS670 GRN15-3S/830 PSU II MDS STAR |
| B | | • | C450 |
| | | Full product code | 871829188502300 |
| Temperature | | Order code | 910925437974 |
| Ambient temperature range | -40 to +50 °C | Material Nr. (12NC) | 910925437974 |
| Andreit temperature range | | Numerator - Quantity Per Pack | 1 |
| Controls and Dimming | | EAN/UPC - Product/Case | 8718291885023 |
| Controls and Dimming | No | Numerator - Packs per outer box | 1 |
| Dimmable Driver (newer unit /transformer | No Dower cumply unit (On (Off) | EAN/UPC - Case | 8718291885023 |
| Driver/power unit/transformer | Power supply unit (On/Off) | EAN/UPC - Case | 0/102310000C2 |
| Constant light output | No | _ | |
| | | _ | |
| Mechanical and Housing | | _ | |
| Housing Material | Aluminum | _ | |

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Dimensional drawing





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