

# Metronomis LED Fluid

## BDS670 GRN30-3S/740 PSR-CLO II MDM DF C4

Metronomis LED - LED GreenLine 3000 lm - Power supply unit regulating with constant light output - Metronomis distribution medium - Diffuser element

Metronomis LED is the first post-top range in the world to offer a palette of environmental lighting effects to give projects a unique contextual or aesthetic touch. An innovative play of reflection, light and shadow creates an environmental pattern on the ground or on the bowl to create additional ambience. Four new iconic designs – with a visual and modular link to Metronomis I – are reduced to the essential elements. During the day, the discreet, transparent design blends into its context, be it contemporary or classical, while its night-time appearance is both functional and decorative. The flexible, modular Metronomis LED comes with a range of columns and a wide variety of optics and effects, enabling architects and lighting designers to create a unified, consistent lighting design that still reflects the differences in urban culture and history.

### Product data

| General Information | |
|---|---|
| **Number of light sources** | 1 pc |
| **Lamp family code** | GRN30 [ LED GreenLine 3000 lm] |
| **Lamp version** | 2S [ 2nd generation, screw fixation] |
| **Light source color** | 740 neutral white |
| **Light source replaceable** | Yes |
| **Number of gear units** | 1 unit |
| **Driver/power unit/transformer** | Power supply unit regulating with constant light output |
| **Driver included** | Yes |
| **Optical element** | Diffuser element |

| | |
|---|---|
| **Optical cover/lens type** | Polycarbonate bowl/cover |
| **Luminaire light beam spread** | 48° x 66° |
| **Embedded control** | - |
| **Light regulation** | - |
| **Electrical circuit protection** | - |
| **Connection** | Screw connector |
| **Cable** | Cable 0.45 m without plug |
| **Protection class IEC** | Safety class II |
| **Coating** | - |
| **Glow-wire test** | Temperature 650 °C, duration 5 s |
| **Flammability mark** | - |

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| | |
|---|---|
| **CE mark** | CE mark |
| **ENEC mark** | ENEC mark |
| **Warranty period** | 5 years |
| **Optic type outdoor** | Metronomis distribution medium |
| **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 |
| **Constant light output** | Yes |
| **Number of products on MCB of 16 A type B** | 20 |
| **RoHS mark** | RoHS mark |
| **Light source engine type** | LED |
| **Serviceability class** | Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts |
| **Product family code** | BDS670 [ Metronomis LED] |

## Light Technical

| | |
|---|---|
| **Standard deviation color matching** | 5 |
| **Upward light output ratio** | 5 |
| **Standard tilt angle posttop** | - |
| **Standard tilt angle side entry** | - |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Input Frequency** | 50 to 60 Hz |
| **Initial CLO power consumption** | 17.784 W |
| **Average CLO power consumption** | 20.292 W |
| **End CLO power consumption** | 22.8 W |
| **Inrush current** | 22 A |
| **Inrush time** | 0.29 ms |
| **Power Factor (Min)** | 0.97 |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum |
| **Reflector material** | Polycarbonate |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | Polycarbonate |
| **Fixation material** | Aluminum |
| **Mounting device** | Spigot for diameter 60 mm |
| **Optical cover/lens shape** | - |
| **Optical cover/lens finish** | - |
| **Overall height** | 990 mm |
| **Overall diameter** | 560 mm |
| **Effective projected area** | 0.4396 m² |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP66 [ Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK10 [ 20 J vandal-resistant] |
| **Surge Protection (Common/Differential)** | Philips standard surge protection level |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux (system flux)** | 2502 lm |
| **Luminous flux tolerance** | +/-7% |
| **Initial LED luminaire efficacy** | 86 lm/W |
| **Init. Corr. Color Temperature** | 4000 K |
| **Init. Color Rendering Index** | >70 |
| **Initial chromaticity** | (0.380, 0.380) SDCM <5 |
| **Initial input power** | 23 W |
| **Power consumption tolerance** | +/-11% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Control gear failure rate at median useful life 100000 h** | 10 % |
| **Lumen maintenance at median useful life* 100000 h** | L100 |

## Application Conditions

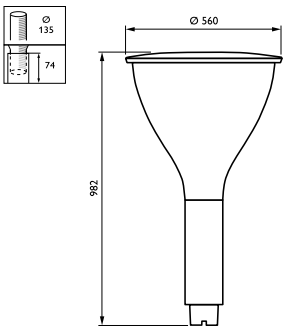
| | |
|---|---|
| **Ambient temperature range** | -40 to +50 °C |
| **Performance ambient temperature Tq** | 25 °C |

## Product Data

| | |
|---|---|
| **Full product code** | 871829188504700 |
| **Order product name** | BDS670 GRN30-3S/740 PSR-CLO II MDM DF C4 |
| **EAN/UPC - Product** | 8718291885047 |
| **Order code** | 910925437976 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 910925437976 |
| **Net Weight (Piece)** | 17.320 kg |

# Metronomis LED Fluid

## Dimensional drawing




**Metronomis LED BDS650-670**

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