



# Metronomis LED Sharp

## BDS660 GRN40-3S/740 PSR I MDW D9 76

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution wide, Spigot for diameter 76 mm

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      |   |
|--------------------------|---|
| Lamp family code         | GRN40 [LED GreenLine 4000 lm]   |
| Light source replaceable | Yes   |
| Number of gear units     | Unit  |
| Driver included          | Yes   |
| Photocell                | -   |
| Remarks                  | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': |

|                          |  |
|--------------------------|--|
|                          | statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Light source engine type | LED  |
| Product family code      | BDS660 [Metronomis LED]  |
| Lighting Technology      | LED  |
| Value ladder             | Specification  |

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|                   |                                  |
|-------------------|----------------------------------|
| Embedded control  | -                                |
| CE mark           | Yes                              |
| Warranty period   | 5 years                          |
| Flammability mark | -                                |
| ENEC mark         | ENEC mark                        |
| Glow-wire test    | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes                              |

## Light Technical

|                                  |                              |
|----------------------------------|------------------------------|
| Std deviation colour matching    | 5                            |
| Upwards light output ratio       | 5                            |
| Luminous Flux                    | 3,624 lm                     |
| Standard tilt angle post-top     | -                            |
| Standard tilt angle side entry   | -                            |
| Correlated Colour Temperature    | 4000 K                       |
| Luminous efficacy (rated) (nom.) | 104 lm/W                     |
| Colour rendering index (CRI)     | >70                          |
| Light source colour              | 740 neutral white            |
| Optical cover type               | Polycarbonate bowl/cover     |
| Luminaire light beam spread      | 48° x 66°                    |
| Optic type outdoor               | Metronomis distribution wide |

## 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                        | 32 W            |
| Power Factor (Fraction)                  | 0.98            |
| Connection                               | Screw connector |
| 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   | Aluminium     |
| Reflector material | Polycarbonate |

|                             |                           |
|-----------------------------|---------------------------|
| Optic material              | Polycarbonate             |
| Optical cover/lens material | Polycarbonate             |
| Fixation material           | Aluminium                 |
| Housing Colour              | Grey                      |
| Mounting device             | Spigot for diameter 76 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      |
| Protection class IEC                   | Safety class I                               |

## Initial Performance (IEC Compliant)

|                                       |                        |
|---------------------------------------|------------------------|
| Luminous flux tolerance               | +/-7%                  |
| Initial chromaticity                  | (0.380, 0.380) SDCM <5 |
| Power consumption tolerance           | +/-10%                 |
| Init. Color Rendering Index Tolerance | +/-2                   |

## Over Time Performance (IEC Compliant)

|   |      |
|---|------|
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 100,000 h        | L80  |

## Application Conditions

|                                    |              |
|------------------------------------|--------------|
| Performance ambient temperature Tq | 25 °C        |
| Maximum dim level                  | 0% (digital) |

## Product Data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Order product name                | BDS660 GRN40-3S/740 PSR I MDW D9 76 |
| Full product name                 | BDS660 GRN40-3S/740 PSR I MDW D9 76 |
| Full EOC                          | 871829188461300                     |
| Order code                        | 88461300                            |
| Material no. (12 NC)              | 910925437933                        |
| SAP numerator – quantity per pack | 1                                   |
| EAN/UPC – Product/Case            | 8718291884613                       |
| Numerator – packs per outer box   | 1                                   |
| EAN/UPC – Case                    | 8718291884613                       |

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### Dimensional drawing

