PHILIPS Lighting



MileWide LED gen2 small

BRP435 GRN75-/740 II DM SI T25 ES

MileWide 2 side entry, LED GreenLine 7500 lm, Distribution medium

Many municipal authorities are embracing the benefits of contemporary outdoor lighting. These include a more attractive urban environment and increased comfort, safety and security for the public. Not to mention the positive impact on environmental protection and city branding. Together with Holscher Design, Philips has developed MileWide², the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide² integrates perfectly with today's and tomorrow's cityscape. With its highquality finish and high level of lighting performance, MileWide² is suitable for a wide range of applications, ranging from traffic roads to city centers. Multi-layer optics provide a uniform light distribution and reduced glare, enabling direct replacement of HID solutions without compromising on spacing, mounting height or light quality.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | GRN75 [LED GreenLine 7500 lm] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| 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. |
| Light source engine type | LED |
| Product family code | BRP435 [MileWide 2 side entry] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |

MileWide LED gen2 small

| EU RoHS compliant | Yes |
|------------------------------------|---------------------|
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 6,241 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 125 lm/W |
| Color rendering index (CRI) | >70 |
| Number of light sources | 40 |
| Light source color | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 180° |
| Optic type outdoor | Distribution medium |
| | |

| Mounting device | Side-entry for diameter 40 to 48 mm |
|-------------------------------------|-------------------------------------|
| Optical cover shape | Convex lens |
| Optical cover finish | Silkscreen print black |
| Overall length | 610 mm |
| Overall width | 276 mm |
| Overall height | 108 mm |
| Effective projected area | 0.035 m² |
| Dimensions (Height x Width x Depth) | 108 x 276 x 610 mm |

Approval and Application

| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
|--|--|
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV |
| | differential mode and 8 kV common mode |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

| Luminous flux tolerance | +/-10% |
|---------------------------------------|----------------------|
| Initial chromaticity | (0.38, 0.37) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

| Control gear failure rate at median useful | 10 % |
|--|------|
| life 100000 h | |
| Lumen maintenance at median useful | L80 |
| life* 100000 h | |

Application Conditions

 Performance ambient temperature Tq
 25 °C

 Maximum dim level
 Not applicable

Product Data

| Order product name | BRP435 GRN75-/740 II DM SI T25 ES |
|---------------------------------|-----------------------------------|
| Full product name | BRP435 GRN75-/740 II DM SI T25 ES |
| Full product code | 871869610744700 |
| Order code | 10744700 |
| Material Nr. (12NC) | 910505016101 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696107447 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696107447 |
| | |

| Operating and Electrical | |
|--------------------------|----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 45 A |
| Inrush time | 0.285 ms |
| Power Consumption | 50 W |
| Power Factor (Fraction) | 0.8 |
| Connection | Flying leads/wires |
| Cable | Cable 0.2 m with cable connector |
| | |

Number of products on MCB of 16 A type 8

в

Temperature

Ambient temperature range

Controls and Dimming

Fixation material

Housing Color

| _ | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Glass |

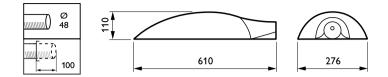
Aluminum

Silver

-40 to +50 °C

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Dimensional drawing





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