PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN59-3S/740 II DK GR CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 5900 lm, 740 neutral white, Safety class II, Distribution wet road (DK), Flat glass, Constant light output and DynaDimmer fixed presets version 6

Copenhagen LED was co-designed together with Copenhagen's Office of City Architecture in order to enhance the aesthetic appeal of the city's lighting. The luminaire's timeless design comes in two sizes – mini and large – to ensure that the dimensions of the luminaire and pole are well balanced, and that the installation blends in harmoniously with its surroundings. A variety of suspensions are available, offering maximum freedom in the overall design of the installation. A choice of symmetrical or asymmetrical distributions and state-of-the-art LED technology complete the specification of an extremely adaptable luminaire.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | GRN59 [LED GreenLine 5900 lm] |
| Light source replaceable | Yes |
| 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. * At |
| | extreme ambient temperatures the luminaire |
| | might automatically dim down to protect |
| | components |
| Light source engine type | LED |
| Product family code | BRS443 [Little Copenhagen LED side entry] |
| Lighting Technology | LED |
| Embedded control | Constant light output and DynaDimmer fixed |
| | presets version 6 |
| | |

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| CE mark | Yes |
|------------------------------------|---|
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | - |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 4,960 lumen |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 119 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 1 |
| Light source color | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 180° |
| Optic type outdoor | Distribution wet road (DK) |
| | |

| | Operating | and | Electrical |
|--|-----------|-----|------------|
|--|-----------|-----|------------|

| Input Voltage | 220/240 V |
|--|-------------------------|
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 36 W |
| Average CLO power consumption | 41 W |
| End CLO power consumption | 46 W |
| Inrush current | 46 A |
| Inrush time | 0.25 ms |
| Power Consumption | 46 W |
| Power Factor (Fraction) | 0.9 |
| Connection | - |
| Cable | Cable 10 m without plug |
| Number of products on MCB of 16 A type 8 | |

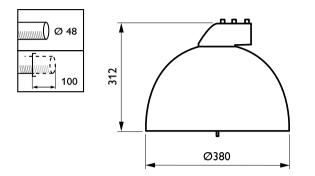
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| Temperature | |
|-------------------------------|---------------------------------------|
| Ambient temperature range | -40 to +50 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit with DynaDimmer and |
| | constant light output (integrated) |
| Control interface | - |
| Constant light output | Yes |
| Mechanical and Housing | |
| Reflector material | _ |

| Optic material | Polycarbonate |
|--|--|
| Optical cover material | Glass |
| Fixation material | Aluminum |
| Housing Color | Gray |
| Mounting device | Side-entry for diameter 48 mm |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall height | 312 mm |
| Overall diameter | 380 mm |
| Effective projected area | 0.08 m² |
| Approval and Application | |
| Approval and Application | |
| Ingress protection code | IP65 [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 | +/-7% |
| Initial chromaticity | (0.382, 0.380) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| | 7 - |
| Over Time Performance (IEC Comp | liant) |
| Control gear failure rate at median | 10 % |
| useful life 100000 h | |
| Lumen maintenance at median useful | L100 |
| life* 100000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| | |
| Product Data | |
| Full product code | 871829108381800 |
| Order product name | BRS443 GRN59-3S/740 II DK GR CLO-DDF6 |
| Order code | 919008632085 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 919008632085 |
| Full product name | BRS443 GRN59-3S/740 II DK GR CLO-DDF6 |
| EAN/UPC - Case | 8718291083818 |
| | 8718291083818 |

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Dimensional drawing





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