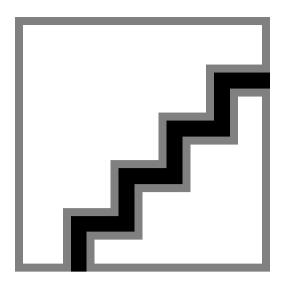
PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN48-3S/830 II O-DW CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 4800 lm, 830 warm white, Safety class II, Distribution wide, 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 | GRN48 [LED GreenLine 4800 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. |

| 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 |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | - |
| EU RoHS compliant | Yes |
| | |

Copenhagen LED Small

| Light Technical | |
|------------------------------------|-------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 4,000 lumen |
| Standard tilt angle posttop | O° |
| Standard tilt angle side entry | O° |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 84 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Light source color | 830 warm white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 180° |
| Optic type outdoor | Distribution wide |
| | |

220/240 V

50 to 60 Hz

| Fixation material | Aluminum |
|--------------------------|-------------------------------|
| Housing Color | Opal |
| 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 m ² |
| | |

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 | (0.434, 0.403) SDCM <5 |
| 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 | L100 |
| life* 100000 h | |

Application Conditions

Performance ambient temperature Tq 25 °C

| Product Data | |
|---------------------------------|--------------------------------------|
| Full product code | 871829156230600 |
| Order product name | BRS443 GRN48-3S/830 II O-DW CLO-DDF6 |
| Order code | 919008632147 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 919008632147 |
| Full product name | BRS443 GRN48-3S/830 II O-DW CLO-DDF6 |
| EAN/UPC - Case | 8718291562306 |
| EAN/UPC - Product/Case | 8718291562306 |

| Initial CLO power consumption | 41 W |
|-------------------------------|-------------------------|
| Average CLO power consumption | 46 W |
| End CLO power consumption | 51 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 B

Temperature

Ambient temperature range

Operating and Electrical

Input Voltage

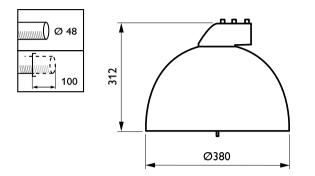
Line Frequency

| 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 |
| | |

-40 to +50 °C

Copenhagen LED Small

Dimensional drawing





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