



Copenhagen LED Small

BRS443 GRN40-3S/830 II O-DK CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 4000 lm, 830 warm white, Safety class II, Distribution wet road (DK), 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 | GRN40 [LED GreenLine 4000 lm] | extreme ambient temperatures the luminaire might automatically dim down to protect components | |
| Light source replaceable | Yes | Light source engine type | LED |
| Number of gear units | 1 unit | Product family code | BRS443 [Little Copenhagen LED side entry] |
| Driver included | Yes | Lighting Technology | LED |
| 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 | 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 | - |

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|-------------------|-----|
| EU RoHS compliant | Yes |
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Light Technical

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|------------------------------------|----------------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 3,440 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 83 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 wet road (DK) |

Operating and Electrical

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|--|-------------------------|
| Input Voltage | 220/240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 35 W |
| Average CLO power consumption | 40 W |
| End CLO power consumption | 44 W |
| Inrush current | 46 A |
| Inrush time | 0.25 ms |
| Power Consumption | 40 W |
| Power Factor (Fraction) | 0.9 |
| Connection | - |
| Cable | Cable 10 m without plug |
| Number of products on MCB of 16 A type B | 8 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|--|
| 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

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|--------------------|---------------|
| Reflector material | - |
| Optic material | Polycarbonate |

| | |
|--------------------------|-------------------------------|
| Optical cover material | Glass |
| 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 m² |

Approval and Application

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|--|--|
| 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)

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|---------------------------------------|------------------------|
| 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)

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

Application Conditions

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|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

Product Data

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|---------------------------------|--------------------------------------|
| Order product name | BRS443 GRN40-3S/830 II O-DK CLO-DDF6 |
| Full product name | BRS443 GRN40-3S/830 II O-DK CLO-DDF6 |
| Full product code | 871829198604100 |
| Order code | 98604100 |
| Material Nr. (12NC) | 919008632192 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291986041 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291986041 |

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Dimensional drawing

