



Ledinaire batten BN045C

BN045C 35S/840 PSU L1500

Ledinaire batten BN045C, 29 W, L1500 mm, 3500 lm, 4000 K, IP20, TW1-ready

L1500 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 3500 lm, 29 W, 121 lm/W, 4000 K, (0.38, 0.38) SDCM≤5, Beam angle 120°, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector 3-pole, Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

Product data

| General Information | | Optic type | |
|------------------------------------|-------------------|--|--------------------------|
| Light source replaceable | No | Luminaire light beam spread | 120° |
| Number of gear units | 1 unit | Unified glare rating CEN | 28 |
| Driver included | Yes | Operating and Electrical | |
| Service tag | No | Input Voltage | 220-240 V |
| Lighting Technology | LED | Line Frequency | 50 or 60 Hz |
| Value ladder | Value | Inrush current | 8.6 A |
| Warranty period | 5 years | Inrush time | 0.58 ms |
| Light Technical | | Power Consumption | 29 W |
| Luminous Flux | 3,500 lm | Power Factor (Fraction) | 0.9 |
| Saturated Red (R9) | <50 | Connection | Push-in connector 3-pole |
| Correlated Color Temperature (Nom) | 4000 K | Cable | - |
| Luminous Efficacy (rated) (Nom) | 121 lm/W | Number of products on MCB of 16 A type B | 16 |
| Color rendering index (CRI) | >80 | Suitable for random switching | Yes |
| Light source color | 840 neutral white | Protection class IEC | Safety class I |

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|----------------------------|---|
| Feed-through wiring | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) |
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Controls and Dimming

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| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

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| Housing Material | Steel |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | - |
| Overall length | 1.445 mm |
| Overall width | 58 mm |
| Overall height | 59 mm |
| Dimensions (Height x Width x Depth) | 59 x 58 x 1445 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 1.100 kg |

Approval and Application

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| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 1.6 |
| Ambient temperature range | -20 to +40 °C |

Initial Performance (IEC Compliant)

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| Luminous flux tolerance | +/-10% |
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| Initial chromaticity | (0.38, 0.38) SDCM≤5 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

Over Time Performance (IEC Compliant)

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| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L70 |

Sustainability Data

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| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 13.5 kg CO ₂ e |
| Product non-virgin material ratio | 24.5 % |
| Recyclable content ratio of the finished product | 66.7 % |
| GWP total B6 (kg CO₂eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh) |
| GWP total B6 (kg CO₂eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh) |
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled Plastic >35% recycled |
| Packaging Recyclable content ratio | Cardboard recycling rate > 80% Plastic recycling rate > 40% |
| Packaging Material | Cardboard Plastic |

Product Data

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|--|--------------------------|
| Order product name | BN045C 35S/840 PSU L1500 |
| Full product name | BN045C 35S/840 PSU L1500 |
| Full product code | 871951496360399 |
| Order code | 911401806585 |
| Material Nr. (12NC) | 911401806585 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514963603 |
| Numerator - Packs per outer box | 8 |
| EAN/UPC - Case | 8719514963665 |

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Dimensional drawing

