



# Ledinaire Batten

## BN021C LED15S/840 L900

Ledinaire Batten, 15 W, L900 mm, 1600 lm, 1600 lm, 4000 K, Opal, IP20, TW1-ready

L900 mm, Polycarbonate, White, Power supply unit (On/Off), 1600 lm, 1600 lm, 15 W, 107 lm/W, 4000 K, 0.38, 0.38, SDCM $\leq$ 5, Very wide beam, Opal, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, Plug-in connector 2-pole, Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

### Product data

| General Information                |                   | Unified glare rating CEN                 |   |
|------------------------------------|-------------------|--|---|
| Light source replaceable           | No                | 27                                       |   |
| Number of gear units               | 1 unit            | Operating and Electrical                 |   |
| Driver included                    | Yes               | Input Voltage                            | 220 to 240 V  |
| Service tag                        | No                | Line Frequency                           | 50 or 60 Hz   |
| Lighting Technology                | LED               | Inrush current                           | 11 A  |
| Value ladder                       | Value             | Inrush time                              | 0.001 ms  |
| Warranty period                    | 5 years           | Power Consumption                        | 15 W  |
| Light Technical                    |                   | Power Factor (Fraction)                  | 0.9   |
| Luminous Flux                      | 1,600 1,600 lm    | Connection                               | Plug-in connector 2-pole  |
| Saturated Red (R9)                 | <50               | Cable                                    | -   |
| Correlated Color Temperature (Nom) | 4000 K            | Number of products on MCB of 16 A type B | 10  |
| Luminous Efficacy (rated) (Nom)    | 107 lm/W          | Suitable for random switching            | Not applicable  |
| Color rendering index (CRI)        | >80               | Protection class IEC                     | Safety class II   |
| Light source color                 | 840 neutral white | Feed-through wiring                      | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) |
| Optic type                         | Very wide beam    |  |   |
| Luminaire light beam spread        | 168°              |  |   |

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## Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |
| Maximum dim level             | Not applicable             |

## Mechanical and Housing

|                                     |                         |
|-------------------------------------|-------------------------|
| Housing Material                    | Polycarbonate           |
| Reflector material                  | Polycarbonate           |
| Optic material                      | Polycarbonate           |
| Optical cover material              | Polycarbonate           |
| Fixation material                   | -                       |
| Housing Color                       | White                   |
| Optical cover finish                | Opal                    |
| Overall length                      | 886 mm                  |
| Overall width                       | 28.4 mm                 |
| Overall height                      | 35.7 mm                 |
| Dimensions (Height x Width x Depth) | 36 x 28 x 886 mm        |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK02 [0.2 J standard]   |
| Net Weight (Piece)                  | 0.130 kg                |

## Approval and Application

|                                    |  |
|------------------------------------|--|
| 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  |
| Ambient temperature range          | -20 to +40 °C                                  |

## Initial Performance (IEC Compliant)

|  |                    |
|--|--------------------|
| Luminous flux tolerance                                | +/-10%             |
| 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)

|   |       |
|---|-------|
| 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 | L65   |

## Sustainability Data

|  |  |
|--|--|
| Sustainability rating                                | Unclassified   |
| Repair class   | Repair Class D, this product is not designed to be repaired.   |
| Embedded carbon (A1-A3)                              | 2.03 kg CO <sub>2</sub> e  |
| Product non-virgin material ratio                    | 10.8 %   |
| Recyclable content ratio of the finished product     | 43.9 %   |
| GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit   | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)                         |
| GWP total B6 (kg CO <sub>2</sub> eq) 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 <sub>2</sub> 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

|                                 |                        |
|---------------------------------|------------------------|
| Order product name              | BN021C LED15S/840 L900 |
| Full product name               | BN021C LED15S/840 L900 |
| Full product code               | 871951452788199        |
| Order code                      | 52788199               |
| Material Nr. (12NC)             | 911401842182           |
| Numerator - Quantity Per Pack   | 1                      |
| EAN/UPC - Product/Case          | 8719514527881          |
| Numerator - Packs per outer box | 40                     |
| EAN/UPC - Case                  | 8719514527980          |

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### Dimensional drawing

