



# CoreLine Batten

## BN126C LED23S/830 PSU L1200

CoreLine Batten, 18 W, L1200 mm, 2300 lm, 3000 K, Opal, IP20/40, TW1-ready

L1200 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 2300 lm, 18 W, 128 lm/W, 3000 K, (0.43, 0.40) SDCM $\leq$ 3, Beam angle 120°, Opal, Polycarbonate, IP20 | Finger-protected, IK04 | 0.5 J standard plus, 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)

### Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

### Product data

| General Information      |             | Operating and Electrical           |                 |
|--------------------------|-------------|------------------------------------|-----------------|
| Light source replaceable | No          | Correlated Color Temperature (Nom) | 3000 K          |
| Number of gear units     | 1 unit      | Luminous Efficacy (rated) (Nom)    | 128 lm/W        |
| Driver included          | Yes         | Color rendering index (CRI)        | >80             |
| Service tag              | Yes         | Light source color                 | 830 warm white  |
| Lighting Technology      | LED         | Optic type                         | Beam angle 120° |
| Value ladder             | Performance | Luminaire light beam spread        | 120°            |
| Warranty period          | 5 years     | Unified glare rating CEN           | 26              |
| Light Technical          |             | Input Voltage                      | 220-240 V       |
| Luminous Flux            | 2,300 lm    | Line Frequency                     | 50 or 60 Hz     |
| Saturated Red (R9)       | <50         | Inrush current                     | 8.3 A           |

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|  |   |
|--|---|
| Inrush time                              | 0.332 ms  |
| Power Consumption                        | 18 W  |
| Power Factor (Fraction)                  | 0.9   |
| Connection                               | Push-in connector 3-pole  |
| Cable                                    | -   |
| Number of products on MCB of 16 A type B | 25  |
| Suitable for random switching            | Not applicable  |
| Protection class IEC                     | Safety class I  |
| Feed-through wiring                      | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) |

## Controls and Dimming

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

## Mechanical and Housing

|                                     |                            |
|-------------------------------------|----------------------------|
| Housing Material                    | Steel                      |
| Reflector material                  | -                          |
| Optic material                      | Polycarbonate              |
| Optical cover material              | Polycarbonate              |
| Fixation material                   | -                          |
| Housing Color                       | White                      |
| Optical cover finish                | Opal                       |
| Overall length                      | 1,135 mm                   |
| Overall width                       | 65 mm                      |
| Overall height                      | 65 mm                      |
| Dimensions (Height x Width x Depth) | 65 x 65 x 1135 mm          |
| Ingress protection code             | IP20 [Finger-protected]    |
| Mech. impact protection code        | IK04 [0.5 J standard plus] |
| Net Weight (Piece)                  | 1.100 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   | 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)

|  |                     |
|--|---------------------|
| Luminous flux tolerance                                | +/-10%              |
| Initial chromaticity                                   | (0.43, 0.40) SDCM≤3 |
| Power consumption tolerance                            | +/-10%              |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3              |

## Over Time Performance (IEC Compliant)

|  |     |
|--|-----|
| Control gear failure rate at median useful life 50000 h              | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h  | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L70 |

## Sustainability Data

|  |  |
|--|--|
| Sustainability rating                                | Unclassified   |
| Repair class   | Repair Class D, this product is not designed to be repaired.   |
| Embedded carbon (A1-A3)                              | 13.9 kg CO <sub>2e</sub>   |
| Product non-virgin material ratio                    | 25.5 %   |
| Recyclable content ratio of the finished product     | 66.8 %   |
| GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit   | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kwh)                          |
| GWP total B6 (kg CO <sub>2eq</sub> ) 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) |

## Product Data

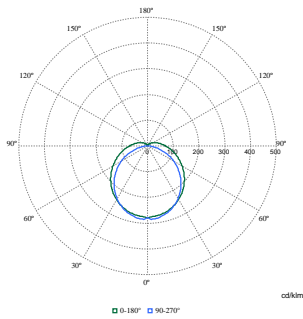
|                                 |                             |
|---------------------------------|-----------------------------|
| Order product name              | BN126C LED23S/830 PSU L1200 |
| Full product name               | BN126C LED23S/830 PSU L1200 |
| Full product code               | 871951494877899             |
| Order code                      | 94877899                    |
| Material Nr. (12NC)             | 911401833884                |
| Numerator - Quantity Per Pack   | 1                           |
| EAN/UPC - Product/Case          | 8719514948778               |
| Numerator - Packs per outer box | 8                           |
| EAN/UPC - Case                  | 8719514948990               |

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401833884

