



# **CoreLine Batten**

## BN126C LED80S/840 PSU ELB3 L1500

BN126C | CORELINE BATTEN - 840 neutral white - Power supply unit (ON/OFF)

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

### **Warnings and Safety**

- The product is IPXO & 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           |                            |
|-------------------------------|----------------------------|
| Light source color            | 840 neutral white          |
| Light source replaceable      | No                         |
| Number of gear units          | 1 unit                     |
| Driver/power unit/transformer | Power supply unit (ON/OFF) |
| Driver included               | Yes                        |
| Optic type                    | Beam angle 120°            |
| Luminaire light beam spread   | 120°                       |
| Connection                    | Push-in connector 3-pole   |
| Cable                         | -                          |
|                               |                            |

| Protection class IEC                     | Safety class I                         |
|--|--|
| Glow-wire test                           | Temperature 650 °C, duration 30 s      |
| Flammability mark                        | For mounting on normally flammable     |
|  | surfaces                               |
| CE mark                                  | Yes                                    |
| ENEC mark                                | ENEC mark                              |
| Warranty period                          | 5 years                                |
| Constant light output                    | No                                     |
| Number of products on MCB of 16 A type B | 13                                     |
| Photobiological risk                     | Photobiological risk group 0 @200mm to |
|  | EN62778                                |

Datasheet, 2023, May 9 data subject to change

## **CoreLine Batten**

| Photobiological risk specification | 0.2 m                    |
|------------------------------------|--------------------------|
| EU RoHS compliant                  | Yes                      |
| Product family code                | BN126C [CORELINE BATTEN] |
| Unified glare rating CEN           | 26                       |
| Lighting Technology                | LED                      |
| Brand                              | Philips                  |
| Value ladder                       | Performance              |
|                                    |                          |
| Light Technical                    |                          |
| Luminous Flux                      | 8,000 lumen              |
| Saturated Red (R9)                 | <50                      |
| Luminous Efficacy (rated) (Nom)    | 125 lm/W                 |
| Color rendering index (CRI)        | >80                      |
| Flickering value (PstLM)           | 1                        |
| Stroboscopic effect value (SVM)    | 1.6                      |
|                                    |                          |
| Operating and Electrical           |                          |
| Input Voltage                      | 220-240 V                |
| Line Frequency                     | 50 or 60 Hz              |
| Input Frequency                    | 50 or 60 Hz              |
| Power Consumption                  | 64 W                     |
| Inrush current                     | 10.6 A                   |
| Inrush time                        | 0.527 ms                 |
| Power Factor (Fraction)            | 0.9                      |
|                                    |                          |
| Temperature                        |                          |
| Ambient temperature range          | -20 to +40 °C            |
|                                    |                          |
| Controls and Dimming               |                          |
| Dimmable                           | No                       |
|                                    |                          |
| Mechanical and Housing             |                          |
| Housing Material                   | Steel                    |
| Reflector material                 | -                        |
| Optic material                     | Polycarbonate            |
| Optical cover/lens material        | Polycarbonate            |
| Fixation material                  | -                        |
| Housing Color                      | White RAL 9003           |
| Optical cover/lens finish          | Opal                     |

| Overall length   | 1,450 mm   |
|--|--|
| Overall width  | 65 mm  |
| Overall height   | 65 mm  |
| Dimensions (Height x Width x Depth)  | NaN x NaN x NaN mm   |
| Approval and Application   |  |
| Ingress protection code  | IP20 [Finger-protected]  |
| Mech. impact protection code   | IK04 [0.5 J standard plus]   |
| Sustainability rating  | -  |
| Initial Performance (IEC Compliant)  |  |
| Luminous flux tolerance  | +/-10%   |
| Init. Corr. Color Temperature  | 4000 K   |
| Initial chromaticity   | (0.38, 0.38) SDCM≤3  |
| Power consumption tolerance  | +/-10%   |
| Over Time Performance (IEC Compliar<br>Control gear failure rate at median useful life<br>50000 h                                    | *  |
| Lumen maintenance at median useful life*<br>50000 h  | 80   |
| Application Conditions   |  |
| Performance ambient temperature Tq   | 25 ℃   |
| Suitable for random switching  | Not applicable   |
|  |  |
| Product Data   |  |
| Full product code  | 872016910045900  |
|  |  |
| Full product code  |  |
| Full product code Order product name   | BN126C LED80S/840 PSU ELB3 L1500   |
| Full product code Order product name Order code  | BN126C LED80S/840 PSU ELB3 L1500<br>910505103382                           |
| Full product code Order product name Order code Numerator - Quantity Per Pack  | BN126C LED80S/840 PSU ELB3 L1500<br>910505103382                           |
| Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box                        | BN126C LED80S/840 PSU ELB3 L1500<br>910505103382<br>1                      |
| Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material number (12NC) | BN126C LED80S/840 PSU ELB3 L1500<br>910505103382<br>1<br>1<br>910505103382 |

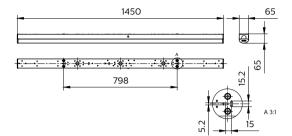






## **CoreLine Batten**

## Dimensional drawing





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