



# CoreLine Batten

## BN126C LED100S/840 PSU L1800

CoreLine Batten, 75 W, L1800 mm, 10000 lm, 4000 K, Opal, IP20, TW1-ready

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 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      |   | Flammability mark                           |  |
|--------------------------|---|---|--|
| Light source replaceable | No  | For mounting on normally flammable surfaces |  |
| Number of gear units     | 1 unit  | ENEC mark                                   |  |
| Driver included          | Yes   | Glow-wire test                              |  |
| Feed-through wiring      | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) | EU RoHS compliant                           |  |
| Lighting Technology      |   | Light Technical                             |  |
| Value ladder             | Performance   | Luminous Flux                               |  |
| CE mark                  | CE mark   | Saturated Red (R9)                          |  |
| Warranty period          | 5 years   | Correlated Color Temperature (Nom)          |  |
|                          |   | Luminous Efficacy (rated) (Nom)             |  |
|                          |   | Temperature 650 °C, duration 30 s           |  |
|                          |   | Yes   |  |
|                          |   | 10,000 lm                                   |  |
|                          |   | <50   |  |
|                          |   | 4000 K                                      |  |
|                          |   | 130 lm/W                                    |  |

CoreLine Batten

|                                 |                   |
|---------------------------------|-------------------|
| Color rendering index (CRI)     | >80               |
| Flickering value (PstLM)        | 1                 |
| Stroboscopic effect value (SVM) | 1.6               |
| Light source color              | 840 neutral white |
| Optic type                      | Beam angle 120°   |
| Luminaire light beam spread     | 120°              |
| Unified glare rating CEN        | 26                |

Operating and Electrical

|  |                          |
|--|--------------------------|
| Input Voltage                            | 220-240 V                |
| Line Frequency                           | 50 or 60 Hz              |
| Inrush current                           | 17.6 A                   |
| Inrush time                              | 0.832 ms                 |
| Power Consumption                        | 75 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 3-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 7                        |

Temperature

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

Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| 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         | 1,750 mm      |
| Overall width          | 65 mm         |
| Overall height         | 65 mm         |

|                                     |                   |
|-------------------------------------|-------------------|
| Dimensions (Height x Width x Depth) | 65 x 65 x 1750 mm |
|-------------------------------------|-------------------|

Approval and Application

|                                    |  |
|------------------------------------|--|
| Ingress protection code            | IP20 [Finger-protected]                        |
| Mech. impact protection code       | IK04 [0.5 J standard plus]                     |
| Sustainability rating              | -  |
| Protection class IEC               | Safety class I                                 |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m  |

Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.38, 0.38) SDCM≤3 |
| Power consumption tolerance | +/-10%              |

Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life | 5 % |
| 50000 h   |     |
| Lumen maintenance at median useful life*        | 85  |
| 50000 h   |     |

Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Suitable for random switching      | Not applicable |

Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | BN126C LED100S/840 PSU L1800 |
| Full product name               | BN126C LED100S/840 PSU L1800 |
| Full product code               | 871951494890799              |
| Order code                      | 911401835184                 |
| Material Nr. (12NC)             | 911401835184                 |
| Numerator - Quantity Per Pack   | 1                            |
| EAN/UPC - Product/Case          | 8719514948907                |
| Numerator - Packs per outer box | 6                            |
| EAN/UPC - Case                  | 8719514949126                |

Dimensional drawing



