



# CoreLine Batten

## BN126C LED80S/840 PSD L1500

CoreLine Batten, 63 W, L1500 mm, 8000 lm, 4000 K, DALI, 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      |   |
|--------------------------|---|
| Light source replaceable | No  |
| Number of gear units     | 1 unit  |
| Driver included          | Yes   |
| Feed-through wiring      | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) |
| Product family code      | BN126C [CORELINE BATTEN]  |
| Lighting Technology      | LED   |
| Value ladder             | Performance   |
| CE mark                  | CE mark   |

| Warranty period                    | 5 years                                     |
|------------------------------------|---|
| Flammability mark                  | For mounting on normally flammable surfaces |
| ENEC mark                          | ENEC mark                                   |
| Glow-wire test                     | Temperature 650 °C, duration 30 s           |
| EU RoHS compliant                  | Yes   |
| Light Technical                    |   |
| Luminous Flux                      | 8,000 lm                                    |
| Saturated Red (R9)                 | <50   |
| Correlated Color Temperature (Nom) | 4000 K                                      |

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|                                 |                   |
|---------------------------------|-------------------|
| Luminous Efficacy (rated) (Nom) | 127 lm/W          |
| 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                           | 10.6 A                   |
| Inrush time                              | 0.527 ms                 |
| Power Consumption                        | 63 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 5-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 13                       |

### Temperature

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

### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| 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         | 1,450 mm      |
| Overall width          | 65 mm         |

|                                     |                   |
|-------------------------------------|-------------------|
| Overall height                      | 65 mm             |
| Dimensions (Height x Width x Depth) | 65 x 65 x 1450 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 LED80S/840 PSD L1500 |
| Full product name               | BN126C LED80S/840 PSD L1500 |
| Full product code               | 872016910067100             |
| Order code                      | 910505103405                |
| Material Nr. (12NC)             | 910505103405                |
| Numerator - Quantity Per Pack   | 1                           |
| EAN/UPC - Product/Case          | 8720169100671               |
| Numerator - Packs per outer box | 1                           |
| EAN/UPC - Case                  | 8720169100671               |

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### Dimensional drawing

