



# CoreLine Batten

## BN126C LED20S/830 PSU L600

CoreLine Batten, 17 W, L600 mm, 2000 lm, 3000 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      |                                                               |
|--------------------------|---------------------------------------------------------------|
| Light source replaceable | No                                                            |
| Number of gear units     | 1 unit                                                        |
| Driver included          | Yes                                                           |
| Service tag              | Yes                                                           |
| Lighting Technology      | LED                                                           |
| Value ladder             | Performance                                                   |
| Serviceability class     | Class C, luminaire without serviceable parts, not serviceable |
| Warranty period          | 5 years                                                       |

| Sustainability rating              | -               |
|------------------------------------|-----------------|
| Light Technical                    |                 |
| Luminous Flux                      | 2,000 lm        |
| Saturated Red (R9)                 | <50             |
| Correlated Color Temperature (Nom) | 3000 K          |
| Luminous Efficacy (rated) (Nom)    | 118 lm/W        |
| Color rendering index (CRI)        | >80             |
| Light source color                 | 830 warm white  |
| Optic type                         | Beam angle 120° |

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|                             |      |
|-----------------------------|------|
| 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                           | 8.3 A                                                                                                             |
| Inrush time                              | 0.345 ms                                                                                                          |
| Power Consumption                        | 17 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                      | 600 mm                     |
| Overall width                       | 65 mm                      |
| Overall height                      | 65 mm                      |
| Dimensions (Height x Width x Depth) | 65 x 65 x 600 mm           |
| Ingress protection code             | IP20 [Finger-protected]    |
| Mech. impact protection code        | IK04 [0.5 J standard plus] |
| Net Weight (Piece)                  | 0.650 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)

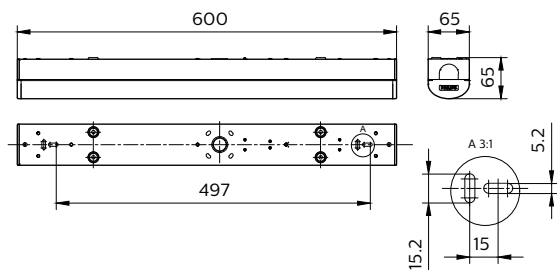
|                                                                      |     |
|----------------------------------------------------------------------|-----|
| Control gear failure rate at median useful life 50000 h              | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000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

### Product Data

|                                 |                            |
|---------------------------------|----------------------------|
| Order product name              | BN126C LED20S/830 PSU L600 |
| Full product name               | BN126C LED20S/830 PSU L600 |
| Full product code               | 871951494875499            |
| Order code                      | 911401833684               |
| Material Nr. (12NC)             | 911401833684               |
| Numerator - Quantity Per Pack   | 1                          |
| EAN/UPC - Product/Case          | 8719514948754              |
| Numerator - Packs per outer box | 8                          |
| EAN/UPC - Case                  | 8719514948976              |

## CoreLine Batten

### Dimensional drawing



### Photometric data



Polar Normal (separate) - null - 911401833684

