



CoreLine Batten

BN126C LED41S/840 PSD L1200

CoreLine Batten, 34 W, L1200 mm, 4100 lm, 4000 K, DALI, Opal, IP20, TW1-ready

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress and 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 and 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 | 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) | Temperature 650 °C, duration 30 s | |
| Product family code | BN126C [CORELINE BATTEN] | EU RoHS compliant | |
| Lighting Technology | LED | Yes | |
| Value ladder | Performance | Light Technical | |
| CE mark | CE mark | Luminous Flux | |
| Warranty period | 5 years | 4,100 lm | |
| | | Saturated Red (R9) | |
| | | <50 | |
| | | Correlated Colour Temperature | |
| | | 4000 K | |
| | | Luminous efficacy (rated) (nom.) | |
| | | 121 lm/W | |
| | | Colour rendering index (CRI) | |
| | | >80 | |

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| | |
|-----------------------------|-------------------|
| Flickering value (PstLM) | 1 |
| Stroboscopic effect | 1.6 |
| Light source colour | 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 | 11.6 A |
| Inrush time | 0.499 ms |
| Power Consumption | 34 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/lens material | Polycarbonate |
| Fixation material | - |
| Housing Colour | White |
| Optical cover/lens 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 |

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) SDCMs3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life | 5 % |
| 50,000 h | |
| Lumen maintenance at median useful life* | 85 |
| 50,000 h | |
| Lumen maintenance at median useful life* | 70 |
| 100,000 h | |

Application Conditions

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

Product Data

| | |
|-----------------------------------|-----------------------------|
| Order product name | BN126C LED41S/840 PSD L1200 |
| Full product name | BN126C LED41S/840 PSD L1200 |
| Full EOC | 872016910064000 |
| Order code | 10064000 |
| Material no. (12 NC) | 910505103402 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8720169100640 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8720169100640 |

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Dimensional drawing

