



CoreLine Batten

BN124C LED64S/840 PSU TW1 L1500

CoreLine Batten, 60 W, L1500 mm, 6400 lm, 4000 K, Frosted, IP20, TW1

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 | | | |
|--------------------------|---|--|---|
| Lamp family code | LED64S [LED module, system flux 6400 lm] | useful life (B50) value also represents the B10 value. | |
| Light source replaceable | No | Lighting Technology | LED |
| Number of gear units | Unit | Value ladder | Performance |
| Driver included | Yes | CE mark | Yes |
| Feed-through wiring | Feed-through wiring 1-phase | Warranty period | 5 years |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median | Flammability mark | For mounting on easily flammable surfaces |
| | | ENEC mark | - |
| | | Glow-wire test | Temperature 850 °C, duration 30 s |
| | | EU RoHS compliant | Yes |

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Light Technical

| | |
|----------------------------------|-------------------|
| Luminous Flux | 6,400 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 107 lm/W |
| Colour rendering index (CRI) | >80 |
| Light source colour | 840 neutral white |
| Optic type | - |
| Luminaire light beam spread | 120° |

Operating and Electrical

| | |
|--|--------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| End CLO power consumption | - W |
| Inrush current | 0.37 A |
| Inrush time | 0.06 ms |
| Power Consumption | 60 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
|---------------------------|-------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|-----------------------------|-----------------|
| Housing material | Metal |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Colour | White |
| Optical cover/lens finish | Frosted |

| | |
|-------------------------------------|-------------------|
| Overall length | 1,410 mm |
| Overall width | 64 mm |
| Overall height | 82 mm |
| Dimensions (height x width x depth) | 82 x 64 x 1410 mm |

Approval and Application

| | |
|------------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L70 |

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

| | |
|-----------------------------------|---------------------------------|
| Order product name | BN124C LED64S/840 PSU TW1 L1500 |
| Full product name | BN124C LED64S/840 PSU TW1 L1500 |
| Full EOC | 871869938001499 |
| Order code | 38001499 |
| Material no. (12 NC) | 910503910281 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699380014 |
| Numerator – packs per outer box | 6 |
| EAN/UPC – Case | 8718699380076 |

Dimensional drawing



