



CoreLine Batten

BN124C LED64S/840 PSU ELB3 TW1 L1500

CoreLine Batten - LED Module, system flux 6400 lm - 840
neutral white - Power supply unit - 1415 mm

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.

Product data

| General Information | | | |
|-------------------------------|---|--|---|
| Lamp family code | LED64S [LED Module, system flux 6400 lm] | Glow-wire test | Temperature 850 °C, duration 30 s |
| Beam angle of light source | 120 ° | Flammability mark | For mounting on easy flammable surfaces |
| Light source color | 840 neutral white | CE mark | CE mark |
| Cap-Base | - [-] | ENEC mark | - |
| Light source replaceable | No | Warranty period | 5 years |
| Number of gear units | 1 unit | Remarks | Please download the Lighting - Product Data Sheet for more information and ordering options |
| Gear | - | Constant light output | No |
| Driver/power unit/transformer | Power supply unit | Number of products on MCB of 16 A type B | 24 |
| Driver included | Yes | RoHS mark | RoHS mark |
| Optic type | - | Product family code | BN120C [CoreLine Batten] |
| Optical cover/lens type | Polycarbonate bowl/cover frosted | Operating and Electrical | |
| Luminaire light beam spread | 120° | Input Voltage | 220-240 V |
| Control interface | - | Input Frequency | 50 to 60 Hz |
| Connection | Push-in connector 3-pole | Control signal voltage | - |
| Cable | - | Initial CLO power consumption | - W W |
| Protection class IEC | Safety class I | | |

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| | |
|-------------------------------|---------|
| Average CLO power consumption | - W W |
| End CLO power consumption | - W |
| Inrush current | 0.37 A |
| Inrush time | 0.06 ms |
| Power Factor (Min) | 0.9 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|-----------------|
| Housing Material | Metal |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Polycarbonate |
| Gear tray material | Steel |
| Fixation material | Stainless steel |
| Optical cover/lens finish | Frosted |
| Overall length | 1410 mm |
| Overall width | 64 mm |
| Overall height | 82 mm |
| Length | 1415 mm |
| Width | - mm |
| Height | 58 mm |
| Diameter | - |
| Color | White |

Approval and Application

| | |
|------------------------------|--------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 6400 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 108 lm/W |

| | |
|-------------------------------|----------------------|
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | (0.38, 0.38) SDC M<3 |
| Initial input power | 60 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|---------|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 30000 h |
| Median useful life L90B50 | 15000 h |
| Lumen maintenance at median useful life* 50000 h | L70 |

Application Conditions

| | |
|------------------------------------|----------------|
| Ambient temperature range | 0 to +35 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|--------------------------------------|
| Full product code | 871869939258199 |
| Order product name | BN124C LED64S/840 PSU ELB3 TW1 L1500 |
| EAN/UPC - Product | 8718699392581 |
| Order code | 910500465177 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 910500465177 |
| Net Weight (Piece) | 2.550 kg |

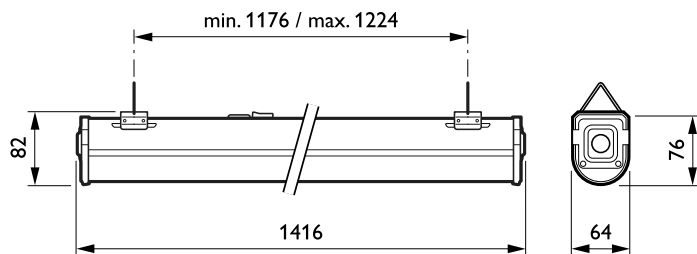


Warnings and Safety

- 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

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Dimensional drawing



CoreLine Batten BN120C-BN124C

