



Pentura Mini LED

BN132C LED12S/840 PSU L1200

LED Medium Power, 840 neutral white, Power supply unit
(On/Off)

Pentura Mini LED is an extremely slim batten that offers the energy-saving benefits of LED technology, coupled with excellent lighting performance – bright, uniform light with good color rendering. Pentura Mini LED is very easy to install, even where space is limited, e.g. under shelves in shops, and over worktops and workstations in the home and home office. Thanks to its integrated driver and through-wiring, installation time is reduced to a minimum. Power cable, mounting clips and connection accessories are also supplied. Thin end-caps minimize black spots between the products, enabling consumers to create a continuous light-line.

Product data

| General Information | | | |
|--------------------------|--|------------------------------------|-----------------------------------|
| Lamp family code | LED-MP [LED Medium Power] | Flammability mark | - |
| Light source replaceable | No | ENEC mark | - |
| Number of gear units | 1 unit | Glow-wire test | Temperature 650 °C, duration 30 s |
| Gear | - | EU RoHS compliant | Yes |
| Driver included | Yes | Light Technical | |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | Luminous Flux | 1,250 lm |
| Lighting Technology | LED | Correlated Color Temperature (Nom) | 4000 K |
| CE mark | Yes | Luminous Efficacy (rated) (Nom) | 89 lm/W |
| Warranty period | 3 years | Color rendering index (CRI) | ≥80 |
| | | Number of light sources | 1 |
| | | Beam angle of light source | - degree(s) |
| | | Light source color | 840 neutral white |
| | | Optic type | - |

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|-----------------------------|------|
| Luminaire light beam spread | 135° |
|-----------------------------|------|

Operating and Electrical

| | |
|--|--------------------|
| Input Voltage | 220–240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 2.5 A |
| Inrush time | 3.9 ms |
| Power Consumption | 14 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Flying leads/wires |
| Cable | - |
| Number of products on MCB of 16 A type B | 180 |

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 | Polycarbonate |
| Reflector material | - |
| Optic material | - |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 1,198 mm |
| Overall width | 22 mm |
| Overall height | 34 mm |
| Dimensions (Height x Width x Depth) | 34 x 22 x 1198 mm |

Approval and Application

| | |
|------------------------------|-----------------------|
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.39, 0.38) SDCM<5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-------|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 h | L65 |

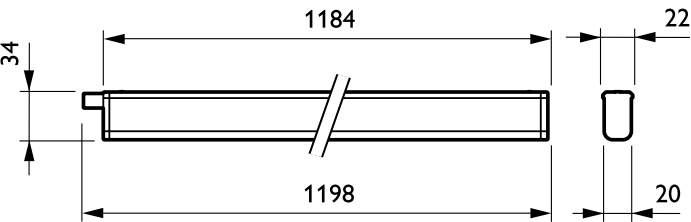
Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | No |

Product Data

| | |
|---------------------------------|-----------------------------|
| Order product name | BN132C LED12S/840 PSU L1200 |
| Full product name | BN132C LED12S/840 PSU L1200 |
| Full product code | 871869607243199 |
| Order code | 07243199 |
| Material Nr. (12NC) | 910503910156 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696072431 |
| Numerator - Packs per outer box | 24 |
| EAN/UPC - Case | 8718696072530 |

Dimensional drawing



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