



Pentura Mini LED

BN132C LED12S/840 PSU L1200

BN132C - LED Medium Power - 840 neutral white - Power supply unit

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. Translucent end-caps eliminate black spots between the products, enabling consumers to create a continuous light-line.

Product data

| General Information | | Protection class IEC | Safety class II |
|-------------------------------|----------------------------|--|-----------------------------------|
| Number of light sources | 1 pc | Color | White |
| Lamp family code | LED-MP [LED Medium Power] | Glow-wire test | Temperature 650 °C, duration 30 s |
| Beam angle of light source | 140 ° | Flammability mark | - |
| Light source color | 840 neutral white | CE mark | CE mark |
| Light source replaceable | No | ENEC mark | - |
| Number of gear units | 1 unit | Warranty period | 3 years |
| Gear | - | Constant light output | No |
| Driver/power unit/transformer | Power supply unit | Number of products on MCB of 16 A type B | 180 |
| Driver included | Yes | RoHS mark | RoHS mark |
| Optic type | - | Product family code | BN132C |
| Luminaire light beam spread | 135° | Operating and Electrical | |
| Connection | Flying leads/wires | Input Voltage | 220-240 V |
| Cable | - | | |

Pentura Mini LED

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|--------------------|-------------|
| Input Frequency | 50 to 60 Hz |
| Inrush current | 2.5 A |
| Inrush time | 3.9 ms |
| Power Factor (Min) | 0.9 |

Controls and Dimming

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

Mechanical and Housing

| | |
|-----------------------------|---------------|
| Housing Material | Polycarbonate |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Optical cover/lens finish | Opal |
| Overall length | 1198 mm |
| Overall width | 22 mm |
| Overall height | 34 mm |

Approval and Application

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|------------------------------|------------------------|
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|---------|
| Initial luminous flux | 1250 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 89 lm/W |
| Init. Corr. Color Temperature | 4000 K |

| | |
|-----------------------------|---------------------|
| Init. Color Rendering Index | ≥80 |
| Initial chromaticity | (0.39, 0.38) SDCM<5 |
| Initial input power | 14 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

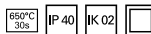
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|-------------------------------|---------|
| Driver failure rate at 5000 h | 1.5 % |
| Median useful life L70B50 | 40000 h |
| Median useful life L80B50 | 30000 h |
| Median useful life L90B50 | 15000 h |

Application Conditions

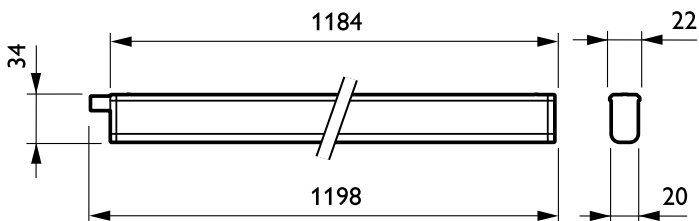
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|-------------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
| Average ambient temperature | 25 °C |
| Suitable for random switching | No |

Product Data

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|---------------------------------|-----------------------------|
| Full product code | 871869607243199 |
| Order product name | BN132C LED12S/840 PSU L1200 |
| EAN/UPC - Product | 8718696072431 |
| Order code | 910503910156 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 24 |
| Material Nr. (12NC) | 910503910156 |
| Net Weight (Piece) | 0.250 kg |



Dimensional drawing



Pentura Mini BN130C-BN133C

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