



Pentura Mini LED

BN133C LED6S/840 PSU L600

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

Product data

| General Information | | CE mark | CE mark |
|-------------------------------|-----------------------------------|---------------------------------|---|
| Number of light sources | 1 [1 pc] | ENEC mark | - |
| Lamp family code | LED-MP [LED Medium Power] | Warranty period | 3 years |
| Beam angle of light source | - ° | 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. |
| Light source colour | 840 neutral white | Constant light output | No |
| Light source replaceable | No | Number of products on MCB | 180 |
| Number of gear units | 1 unit | RoHS mark | RoHS mark |
| Gear | - | Operating and Electrical | |
| Driver/power unit/transformer | PSU [Power supply unit] | Input voltage | 220-240 V |
| Driver included | Yes | Input frequency | 50 to 60 Hz |
| Optic type | No [-] | | |
| Luminaire light beam spread | 135° | | |
| Connection | Flying leads/wires | | |
| Cable | - | | |
| Protection class IEC | Safety class II | | |
| Glow-wire test | Temperature 650 °C, duration 30 s | | |
| Flammability mark | NO [-] | | |

Pentura Mini LED

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|---------------------|--------|
| Inrush current | 2 A |
| Inrush time | 3.2 ms |
| Power factor (min.) | 0.9 |

Controls and Dimming

| | |
|----------|----|
| 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 | 598 mm |
| Overall width | 22 mm |
| Overall height | 34 mm |
| Colour | White |

Approval and Application

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

Initial Performance (IEC Compliant)

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|--------------------------------|---------|
| Initial luminous flux | 650 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 93 lm/W |
| Init. Corr. colour temperature | 4000 K |

| | |
|------------------------------|---------------------|
| Init. colour rendering index | ≥80 |
| Initial chromaticity | (0.39, 0.38) SDCM<5 |
| Initial input power | 7 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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

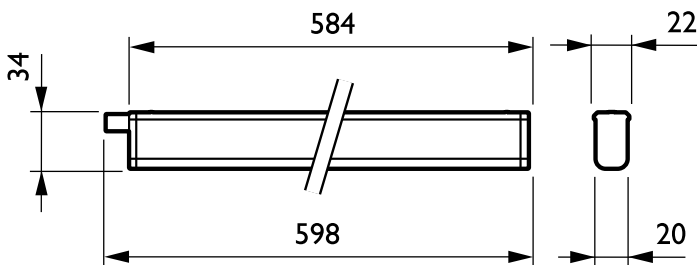
Application Conditions

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

Product Data

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|---------------------------------|---------------------------|
| Full product code | 871869607251699 |
| Order product name | BN133C LED6S/840 PSU L600 |
| EAN/UPC – product | 8718696072516 |
| Order code | 07251699 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 24 |
| Material no. (12NC) | 910503910164 |
| Net weight (piece) | 0.160 kg |

Dimensional drawing



Pentura Mini BN130C-BN133C

