



# Pentura Mini LED

## BN132C LED6S/830 PSU L600

LED Medium Power – 830 warm 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           |                                   |
|-------------------------------|-----------------------------------|
| Number of light sources       | 1 [ 1 pc]                         |
| Lamp family code              | LED-MP [ LED Medium Power]        |
| Beam angle of light source    | - °                               |
| Light source colour           | 830 warm white                    |
| Light source replaceable      | No                                |
| Number of gear units          | 1 unit                            |
| Gear                          | -                                 |
| Driver/power unit/transformer | PSU [ Power supply unit]          |
| Driver included               | Yes                               |
| Optic type                    | No [ -]                           |
| Luminaire light beam spread   | 135°                              |
| Connection                    | Flying leads/cables               |
| Cable                         | -                                 |
| Protection class IEC          | Safety class II                   |
| Glow-wire test                | Temperature 650 °C, duration 30 s |
| Flammability mark             | NO [ -]                           |

|                           |   |
|---------------------------|---|
| CE mark                   | CE mark   |
| ENEC mark                 | -   |
| Warranty period           | 3 years   |
| 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. |
| Constant light output     | No  |
| Number of products on MCB | 180   |

### Operating and Electrical

|                 |             |
|-----------------|-------------|
| Input voltage   | 220-240 V   |
| Input frequency | 50 to 60 Hz |
| Inrush current  | 2 A         |

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|                     |        |
|---------------------|--------|
| 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                                  |
| Dimensions (height x width x depth) | 34 x 22 x 598 mm (1.3 x 0.9 x 23.5 in) |

### Approval and Application

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

### Initial Performance (IEC Compliant)

|                                |         |
|--------------------------------|---------|
| Initial luminous flux          | 650 lm  |
| Luminous flux tolerance        | +/-10%  |
| Initial LED luminaire efficacy | 93 lm/W |
| Init. Corr. colour temperature | 3000 K  |

|                              |                     |
|------------------------------|---------------------|
| Init. colour rendering index | ≥80                 |
| Initial chromaticity         | (0.44, 0.41) SDCM<5 |
| Initial input power          | 7 W                 |
| Power consumption tolerance  | +/-10%              |

### Over Time Performance (IEC Compliant)

|  |       |
|--|-------|
| Control gear failure rate at median useful life 50,000 h | 7.5 % |
| Lumen maintenance at median useful life* 50,000 h        | L65   |

### Application Conditions

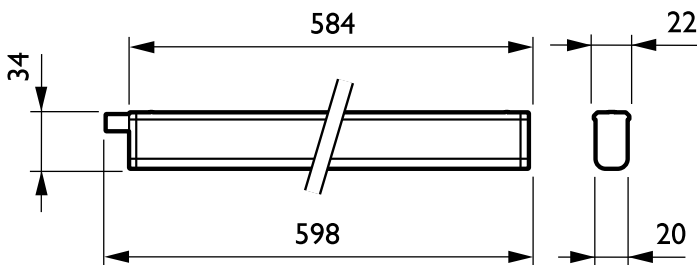
|                                    |             |
|------------------------------------|-------------|
| Ambient temperature range          | 0 to +35 °C |
| Performance ambient temperature Tq | 25 °C       |
| Suitable for random switching      | No          |

### Product Data

|                                 |                           |
|---------------------------------|---------------------------|
| Full product code               | 871869607248699           |
| Order product name              | BN132C LED6S/830 PSU L600 |
| EAN/UPC – product               | 8718696072486             |
| Order code                      | 07248699                  |
| Numerator – quantity per pack   | 1                         |
| Numerator – packs per outer box | 24                        |
| Material no. (12NC)             | 910503910161              |
| Net weight (piece)              | 0.160 kg                  |



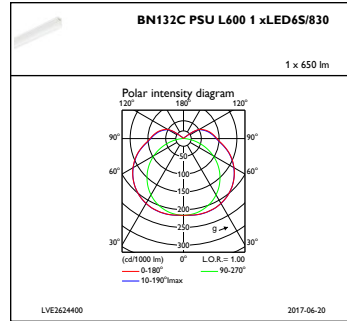
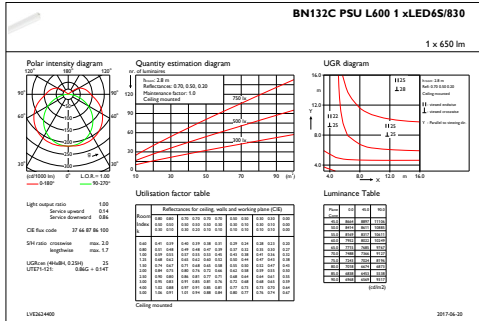
### Dimensional drawing



Pentura Mini BN130C-BN133C

# Pentura Mini LED

## Photometric data



IFGU1\_BN132CPSUL6001xLED6S830

IFPC1\_BN132CPSUL6001xLED6S830

