



# Pentura Mini LED

## BN132C LED12S/830 PSU L1200

LED Medium Power, 830 warm 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]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
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.
Lighting Technology	LED
CE mark	Yes
Warranty period	3 years

Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,250 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	89 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	-

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Luminaire light beam spread	135°
<b>Operating and Electrical</b>	
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
<b>Temperature</b>	
Ambient temperature range	0 to +35 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
<b>Mechanical and Housing</b>	
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	(0.44, 0.41) 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

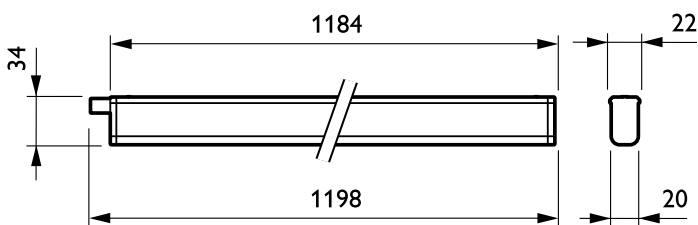
## Application Conditions

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

## Product Data

Order product name	BN132C LED12S/830 PSU L1200
Full product name	BN132C LED12S/830 PSU L1200
Full product code	871869607244899
Order code	07244899
Material Nr. (12NC)	910503910157
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696072448
Numerator - Packs per outer box	24
EAN/UPC - Case	8718696072547

## Dimensional drawing



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