

Pentura Mini LED

BN132C LED12S/830 PSU L1200

BN132C - 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. Translucent end-caps eliminate black spots between the products, enabling consumers to create a continuous light-line.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED-MP [LED Medium Power]
Beam angle of light source	- °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Luminaire light beam spread	135°
Connection	Flying leads/wires
Cable	-
Protection class IEC	Safety class II

Color	White
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	180
RoHS mark	RoHS mark
Product family code	BN132C

Operating and Electrical	
Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	2.5 A

Pentura Mini LED

Inrush time	3.9 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	1198 mm
Overall width	22 mm
Overall height	34 mm

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	1250 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	89 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.44, 0.41) SDCM<5
Initial input power	14 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

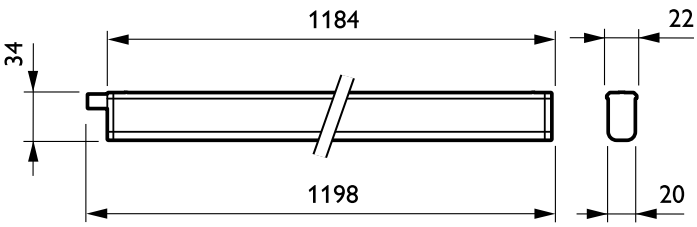
Ambient temperature range	0 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	No

Product Data

Full product code	871869607244899
Order product name	BN132C LED12S/830 PSU L1200
EAN/UPC - Product	8718696072448
Order code	910503910157
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	910503910157
Net Weight (Piece)	0.250 kg

650°C 30s IP 40 IK 02

Dimensional drawing



Pentura Mini BN130C-BN133C



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2017, February 13 - data subject to change