



Pentura Mini LED

BN132C 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	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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 (16 A type B)	180
Number of gear units	1 unit	EU RoHS compliant	Yes
Gear	-	Operating and Electrical	
Driver/power unit/transformer	PSU [Power supply unit]	Input Voltage	220-240 V
Driver included	Yes		
Optic type	No [-]		
Luminaire light beam spread	135°		
Connection	Flying leads/wires		
Cable	-		
Protection class IEC	Safety class II (II)		
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]		
Flammability mark	NO [-]		

Pentura Mini LED

Input frequency	50 to 60 Hz
Inrush current	2 A
Inrush time	3.2 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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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	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)

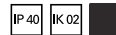
Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L65

Application Conditions

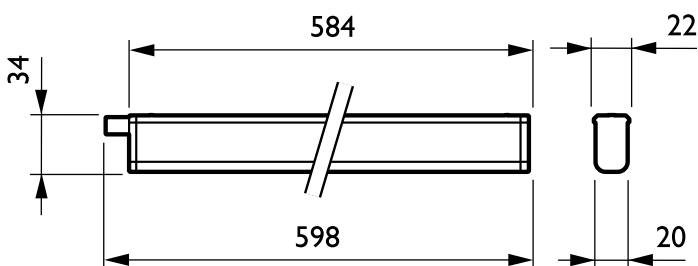
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871869607247999
Order product name	BN132C LED6S/840 PSU L600
EAN/UPC – product	8718696072479
Order code	07247999
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	910503910160
Net Weight (Piece)	0.160 kg



Dimensional drawing



Pentura Mini BN130C-BN133C

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Photometric data

