



Pentura Mini LED

BN133C LED6S/830 PSU L600

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]	Flammability mark	-
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 30 s
Gear	-	EU RoHS compliant	Yes
Driver included	Yes	Light Technical	
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.	Luminous Flux	650 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	93 lm/W
Warranty period	3 years	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°
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Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	2 A
Inrush time	3.2 ms
Power Consumption	7 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	-
Number of products on MCB of 16 A type B	180

Temperature

Ambient temperature range	0 to +35 °C
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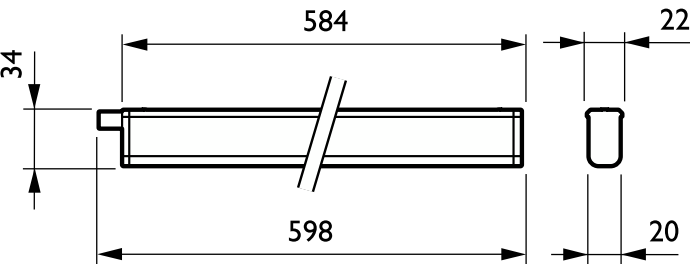
Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	598 mm
Overall width	22 mm
Overall height	34 mm
Dimensions (Height x Width x Depth)	34 x 22 x 598 mm

Dimensional drawing



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	BN133C LED6S/830 PSU L600
Full product name	BN133C LED6S/830 PSU L600
Full product code	871869607252399
Order code	07252399
Material Nr. (12NC)	910503910165
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696072523
Numerator - Packs per outer box	24
EAN/UPC - Case	8718696072622

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