



Pentura Mini LED – ultra-slim batten

Pentura Mini LED

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.

Benefits

- Ultra-slim LED batten
- Energy-saving and long life benefits of LED technology
- Easy to install; complete kit of accessories supplied

Features

- Minimalistic, unobtrusive design
- Integrated driver and through wiring
- Glass diffuser
- Choice of 3000 and 4000 K color temperature
- Available in 300, 600, 900 and 1200 mm lengths

Application

- Cove lighting
- Under-cabinet lighting
- Under-shelf lighting
- Under-counter lighting

Specifications

Pentura Mini LED

Type	BN130C
Light source	Non-replaceable LED module
Power	4 to 14 W (depending on type)
Beam angle	Wide beam (120°)
Luminous flux	300 to 1100 lm (depending on type)
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	> 75
Median useful life	40,000 hours
L70B50	
Median useful life	30,000 hours
L80B50	
Median useful life	15,000 hours
L90B50	
Driver failure rate	1.5% per 5000 hours
Average ambient temperature	25 °C

Operating temperature range	0 to +35 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	No
Material	
	Housing: extruded polycarbonate, white
	Diffuser: glass
	Endcaps: polycarbonate, white
	Clips: polycarbonate, white
Color	White
Connection	Connector with flying wires (included)
Installation	
	Individual or in line; clicking the luminaire into pre-screwed ceiling brackets
	Through-wiring possible (included)
Accessories	Mounting clips, electrical connector with flying wires (150 mm) and through-wiring cable (160 mm) included in the box

Versions



Pentura Mini LED BN132C batten



Pentura Mini LED BN133C batten

Product details



End-caps with integrated connector parts



Luminaires mounted in line

Pentura Mini LED

Product details

Side view, male connector part



Pentura Mini LED BN132C, length 900 mm



Pentura Mini LED BN132C, length 1200 mm



Mounting accessories included in the box



Fly-wire connection



Pentura Mini LED BN133C, length 600 mm



Accessories

Flexible coupling piece, 600 mm

Ordercode 07263999



Pentura Mini LED

Application Conditions

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

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP40

Controls and Dimming

Dimmable	No
----------	----

Operating and Electrical

Input Voltage	220-240 V
---------------	-----------

General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Lamp family code	LED-MP
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	No

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	≥80
Luminous flux tolerance	+/-10%

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
07243199	BN132C LED12S/840 PSU L1200	(0.39, 0.38)	4000 K	89 lm/W	1250 lm
	PSU L1200	SDCM<5			
07244899	BN132C LED12S/830 PSU L1200	(0.44, 0.41)	3000 K	89 lm/W	1250 lm
	PSU L1200	SDCM<5			
07245599	BN132C LED9S/840 PSU L900	(0.39, 0.38)	4000 K	95 lm/W	950 lm
	PSU L900	SDCM<5			
07246299	BN132C LED9S/830 PSU L900	(0.44, 0.41)	3000 K	95 lm/W	950 lm
	PSU L900	SDCM<5			
07247999	BN132C LED6S/840 PSU L600	(0.39, 0.38)	4000 K	93 lm/W	650 lm
	PSU L600	SDCM<5			
07248699	BN132C LED6S/830 PSU L600	(0.44, 0.41)	3000 K	93 lm/W	650 lm
	PSU L600	SDCM<5			
07249399	BN132C LED3S/840 PSU L300	(0.39, 0.38)	4000 K	88 lm/W	350 lm
	PSU L300	SDCM<5			
07250999	BN132C LED3S/830 PSU L300	(0.44, 0.41)	3000 K	88 lm/W	350 lm
	PSU L300	SDCM<5			
07251699	BN133C LED6S/840 PSU L600	(0.39, 0.38)	4000 K	93 lm/W	650 lm
	PSU L600	SDCM<5			
07252399	BN133C LED6S/830 PSU L600	(0.44, 0.41)	3000 K	93 lm/W	650 lm
	PSU L600	SDCM<5			

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power	Order Code	Full Product Name	Initial input power
07243199	BN132C LED12S/840 PSU L1200	14 W	07248699	BN132C LED6S/830 PSU L600	7 W
07244899	BN132C LED12S/830 PSU L1200	14 W	07249399	BN132C LED3S/840 PSU L300	4 W
07245599	BN132C LED9S/840 PSU L900	10 W	07250999	BN132C LED3S/830 PSU L300	4 W
07246299	BN132C LED9S/830 PSU L900	10 W	07251699	BN133C LED6S/840 PSU L600	7 W
07247999	BN132C LED6S/840 PSU L600	7 W	07252399	BN133C LED6S/830 PSU L600	7 W

Mechanical and Housing

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
07243199	BN132C LED12S/840 PSU L1200	White	07248699	BN132C LED6S/830 PSU L600	White
07244899	BN132C LED12S/830 PSU L1200	White	07249399	BN132C LED3S/840 PSU L300	white
07245599	BN132C LED9S/840 PSU L900	White	07250999	BN132C LED3S/830 PSU L300	White
07246299	BN132C LED9S/830 PSU L900	White	07251699	BN133C LED6S/840 PSU L600	White
07247999	BN132C LED6S/840 PSU L600	White	07252399	BN133C LED6S/830 PSU L600	White

Pentura Mini LED

