



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 installation 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
- Over mirror or cabinet lighting

Specifications

Pentura Mini LED

Type	BN132C (trunkable version) BN133C (stand-alone version)
Light source	Non-replaceable LED module
Power	4 to 14 W (depending on type)
Beam angle	Wide beam (120 °)
Luminous flux	350 to 1,250 lm (depending on type)
Correlated Colour	3,000 or 4,000 K
Temperature	
Colour Rendering Index	> 80
Lumen maintenance at 50,000 h median useful life*	L65
Control gear failure rate at median useful life 50,000 h	7.5%
Performance Ambient Temperature Tq	+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: polycarbonate Endcaps: polycarbonate, translucent Clips: steel
Colour	White
Connection	Connector with flying wires (included)
Installation	BN132C: Individual or in-line; clicking the luminaire into pre-screwed ceiling brackets Through-wiring possible (included) BN133C: Individual, fly-wire from back of housing, of/off switch
Accessories	BN132C: Mounting clips, electrical connector with flying wires (150 mm) and through-wiring cable (160 mm) included in the box BN133C: Mounting clips, included in the box BN132Z: CCPA through-wiring cable (600 mm), to be ordered separately

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



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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
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Operating and Electrical

Input Voltage	220-240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	Temperature 650 °C, duration 30 s
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 chromaticity	Init. Corr. Colour Temperature	Initial LED Luminaire efficacy	Initial luminous flux
07244899	BN132C LED12S/830 PSU L1200	(0.44, 0.41) SDCM<5	3000 K	89 lm/W	1250 lm
07246299	BN132C LED9S/830 PSU L900	(0.44, 0.41) SDCM<5	3000 K	95 lm/W	950 lm
07247999	BN132C LED6S/840 PSU L600	(0.39, 0.38) SDCM<5	4000 K	93 lm/W	650 lm
07248699	BN132C LED6S/830 PSU L600	(0.44, 0.41) SDCM<5	3000 K	93 lm/W	650 lm
07249399	BN132C LED3S/840 PSU L300	(0.39, 0.38) SDCM<5	4000 K	88 lm/W	350 lm
07250999	BN132C LED3S/830 PSU L300	(0.44, 0.41) SDCM<5	3000 K	88 lm/W	350 lm
07251699	BN133C LED6S/840 PSU L600	(0.39, 0.38) SDCM<5	4000 K	93 lm/W	650 lm
07252399	BN133C LED6S/830 PSU L600	(0.44, 0.41) SDCM<5	3000 K	93 lm/W	650 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
07244899	BN132C LED12S/830 PSU L1200	14 W
07246299	BN132C LED9S/830 PSU L900	10 W
07247999	BN132C LED6S/840 PSU L600	7 W
07248699	BN132C LED6S/830 PSU L600	7 W

Order Code	Full Product Name	Initial input power
07249399	BN132C LED3S/840 PSU L300	4 W
07250999	BN132C LED3S/830 PSU L300	4 W
07251699	BN133C LED6S/840 PSU L600	7 W
07252399	BN133C LED6S/830 PSU L600	7 W

Mechanical and Housing

Order Code	Full Product Name	Colour
07244899	BN132C LED12S/830 PSU L1200	White
07246299	BN132C LED9S/830 PSU L900	White
07247999	BN132C LED6S/840 PSU L600	White
07248699	BN132C LED6S/830 PSU L600	White

Order Code	Full Product Name	Colour
07249399	BN132C LED3S/840 PSU L300	white
07250999	BN132C LED3S/830 PSU L300	White
07251699	BN133C LED6S/840 PSU L600	White
07252399	BN133C LED6S/830 PSU L600	White

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