



# 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. Translucent end-caps eliminate 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
- Polycarbonate housing
- Choice of 3000 and 4000 K color temperature
- Available in 300, 600, 900 and 1200 mm lengths
- Non-trunkable version with on/off switch available

### Application

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

## Specifications

# Pentura Mini LED

<b>Type</b>	BN132C (trunkable version)
	BN133C (stand-alone version)
<b>Light source</b>	Non-replaceable LED module
<b>Power</b>	4 to 14 W (depending on type)
<b>Beam angle</b>	Wide beam (120°)
<b>Luminous flux</b>	350 to 1250 lm (depending on type)
<b>Correlated Color</b>	3000 or 4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 80
<b>Lumen maintenance at median useful life* 50000 h</b>	L65
<b>Control gear failure rate at median useful life 50000 h</b>	7.5%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	0 to +35 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz

<b>Dimming</b>	No
<b>Material</b>	Housing: extruded polycarbonate, white
	Diffuser: polycarbonate
	Endcaps: polycarbonate, translucent
	Clips: steel
<b>Color</b>	White
<b>Connection</b>	Connector with flying wires (included)
<b>Installation</b>	BN132C:
	Individual or in line; clicking the luminaire into pre-screwed ceiling brackets
	Through-wiring possible (included)
	BN133C:
<b>Accessories</b>	Individual, fly-wire from back of housing, on/off switch
	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 910503910166

# 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
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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	-
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 pc
Optic type	-

## Initial Performance (IEC Compliant)

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

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910503910156	BN132C LED12S/840 PSU L1200	(0.39, 0.38) SDCM<5	4000 K	89 lm/W	1250 lm
910503910157	BN132C LED12S/830 PSU L1200	(0.44, 0.41) SDCM<5	3000 K	89 lm/W	1250 lm
910503910158	BN132C LED9S/840 PSU L900	(0.39, 0.38) SDCM<5	4000 K	95 lm/W	950 lm
910503910159	BN132C LED9S/830 PSU L900	(0.44, 0.41) SDCM<5	3000 K	95 lm/W	950 lm
910503910160	BN132C LED6S/840 PSU L600	(0.39, 0.38) SDCM<5	4000 K	93 lm/W	650 lm
910503910161	BN132C LED6S/830 PSU L600	(0.44, 0.41) SDCM<5	3000 K	93 lm/W	650 lm
910503910162	BN132C LED3S/840 PSU L300	(0.39, 0.38) SDCM<5	4000 K	88 lm/W	350 lm
910503910163	BN132C LED3S/830 PSU L300	(0.44, 0.41) SDCM<5	3000 K	88 lm/W	350 lm
910503910164	BN133C LED6S/840 PSU L600	(0.39, 0.38) SDCM<5	4000 K	93 lm/W	650 lm
910503910165	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	Order Code	Full Product Name	Initial input power
910503910156	BN132C LED12S/840 PSU L1200	14 W	910503910161	BN132C LED6S/830 PSU L600	7 W
910503910157	BN132C LED12S/830 PSU L1200	14 W	910503910162	BN132C LED3S/840 PSU L300	4 W
910503910158	BN132C LED9S/840 PSU L900	10 W	910503910163	BN132C LED3S/830 PSU L300	4 W
910503910159	BN132C LED9S/830 PSU L900	10 W	910503910164	BN133C LED6S/840 PSU L600	7 W
910503910160	BN132C LED6S/840 PSU L600	7 W	910503910165	BN133C LED6S/830 PSU L600	7 W

## Mechanical and Housing

Order Code	Full Product Name	Color	Order Code	Full Product Name	Color
910503910156	BN132C LED12S/840 PSU L1200	White	910503910161	BN132C LED6S/830 PSU L600	White
910503910157	BN132C LED12S/830 PSU L1200	White	910503910162	BN132C LED3S/840 PSU L300	white
910503910158	BN132C LED9S/840 PSU L900	White	910503910163	BN132C LED3S/830 PSU L300	White
910503910159	BN132C LED9S/830 PSU L900	White	910503910164	BN133C LED6S/840 PSU L600	White
910503910160	BN132C LED6S/840 PSU L600	White	910503910165	BN133C LED6S/830 PSU L600	White

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