



# 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**

BN132C (trunkable version)
BN133C (stand-alone version)
Non-replaceable LED module
4 to 14 W (depending on type)
Wide beam (120 º)
350 to 1,250 lm (depending on type)
3,000 or 4,000 K
> 80
L65
7.5%
+25 °C
0 to +35 °C
Built-in
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

#### **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

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 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 280 Luminous flux tolerance +/-10%		
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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 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	Ambient temperature range	0 to +35 °C
Mech. impact protection code IKO2   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   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)   Initial Performance (IEC Compliant)	Suitable for random switching	No
Mech. impact protection code       IKO2         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         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)         Initial Colour rendering index       ≥80		
Ingress protection code  Controls and Dimming Dimmable  No  Operating and Electrical Input Voltage  CE mark  Protection class IEC  Driver included  ENEC mark  Flammability mark  Gear  Glow-wire test  Temperature 650  °C, duration 30 s  Lamp family code Light source replaceable No  Number of gear units  Number of light sources  Initial Performance (IEC Compliant) Init. Colour rendering index  Input Voltage  No  No  No  No  Initial Performance (IEC Compliant) Init. Colour rendering index  No  No  No  Initial Performance (IEC Compliant) Init. Colour rendering index	Approval and Application	
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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  Light source replaceable  No  Number of gear units  Number of light sources  1  Optic type  No  Initial Performance (IEC Compliant)  Init. Colour rendering index  Eafety class II  Safety class II  NO  Safety class II  NO  NO  Sear  -  Colour rendering index  Safety class II  NO  Sear  NO  Sear  -  Sear  NO  Sear  Se	General Information	
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Number of light sources 1  Optic type No  Initial Performance (IEC Compliant)  Init. Colour rendering index ≥80	Light source replaceable	No
Optic type No  Initial Performance (IEC Compliant)  Init. Colour rendering index ≥80	Number of gear units	1 unit
Initial Performance (IEC Compliant) Init. Colour rendering index ≥80	Number of light sources	1
Init. Colour rendering index ≥80	Optic type	No
Init. Colour rendering index ≥80		
	Initial Performance (IEC Compl	liant)
Luminous flux tolerance +/-10%	Init. Colour rendering index	≥80
	Luminous flux tolerance	+/-10%

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

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

# 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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