



CoreLine Batten

BN126C LED48S/830 PSU L1500

CoreLine Batten, 40 W, L1500 mm, 4800 lm, 3000 K, Opal, IP20, TW1-ready

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress and as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Product data

General Information		Light Technical	
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	Unit	Glow-wire test	Temperature 650 °C, duration 30 s
Driver included	Yes	EU RoHS compliant	Yes
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	Luminous Flux	4,800 lm
Lighting Technology	LED	Saturated Red (R9)	<50
Value ladder	Performance	Correlated Colour Temperature	3000 K
CE mark	CE mark	Luminous efficacy (rated) (nom.)	120 lm/W
Warranty period	5 years	Colour rendering index (CRI)	>80
Flammability mark	For mounting on normally flammable surfaces	Flickering value (PstLM)	1
		Stroboscopic effect	1.6

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Light source colour	830 warm white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified Glare Rating (CEN)	26

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	10.6 A
Inrush time	0.527 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	13

Temperature

Ambient temperature range	-20 to +40 °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	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,450 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1450 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	85
Lumen maintenance at median useful life* 75000 h	80

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BN126C LED48S/830 PSU L1500
Full product name	BN126C LED48S/830 PSU L1500
Full EOC	871951494885399
Order code	94885399
Material no. (12 NC)	911401834684
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514948853
Numerator – packs per outer box	6
EAN/UPC - Case	8719514949072

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Dimensional drawing

