



CoreLine Batten

BN126C LED41S/840 PSU L1200

CoreLine Batten, 31 W, L1200 mm, 4100 lm, 4000 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	Luminous Flux	4,100 lm
Number of gear units	Unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Colour Temperature	4000 K
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	Luminous efficacy (rated) (nom.)	130 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	>80
Value ladder	Performance	Flickering value (PstLM)	1
CE mark	CE mark	Stroboscopic effect	1.6
Warranty period	5 years		
Flammability mark	For mounting on normally flammable surfaces		
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes

CoreLine Batten

Light source colour	840 neutral 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	11.6 A
Inrush time	0.499 ms
Power Consumption	31 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
---------------------------	---------------

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	1,135 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1135 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
-------------------------	-------------------------

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	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50,000 h	
Lumen maintenance at median useful life*	85
50,000 h	
Lumen maintenance at median useful life*	70
100,000 h	

Application Conditions

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

Product Data

Full EOC	871951494878599
Order product name	BN126C LED41S/840 PSU L1200
Order code	94878599
SAP numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12 NC)	911401833984
Full product name	BN126C LED41S/840 PSU L1200
EAN/UPC – Case	8719514949003
EAN/UPC – Product/Case	8719514948785

CoreLine Batten

Dimensional drawing

