



CoreLine Batten

BN126C LED48S/830 PSU TW1 L1500

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

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		EU RoHS compliant	
Light source replaceable	No	Yes	
Number of gear units	Unit		
Driver included	Yes		
Feed-through wiring	Feed-through wiring 1-phase		
Lighting Technology	LED		
Value ladder	Performance		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	-		
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s		
		Light Technical	
		Luminous Flux	4,800 lm
		Saturated Red (R9)	<50
		Correlated Colour Temperature	3000 K
		Luminous efficacy (rated) (nom.)	120 lm/W
		Colour rendering index (CRI)	>80
		Light source colour	830 warm white
		Optic type	Very wide beam
		Luminaire light beam spread	130°

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Unified Glare Rating (CEN)	27
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5.56 A
Inrush time	0.047 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	38
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	1,450 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	IP20/40 [Finger-protected, Emitting surface]

Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44,0.40)SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	0.05 %
50,000 h	
Lumen maintenance at median useful life*	L70
50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	BN126C LED48S/830 PSU TW1 L1500
Full product name	BN126C LED48S/830 PSU TW1 L1500
Full EOC	871016336355499
Order code	36355499
Material no. (12 NC)	911401898080
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8710163363554
Numerator – packs per outer box	6
EAN/UPC - Case	8710163363738

Dimensional drawing



