



# **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 IPXO & 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 source replaceable	No
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

EU RoHS compliant	Yes
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°

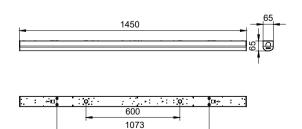
Datasheet, 2023, December 4 data subject to change

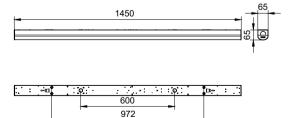
## **CoreLine Batten**

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	
Controls and Dimming	Ne
Dimmable  Driver /n avenumit /hva nef avenum	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
	Steel
Housing material  Reflector material	Sieei
Optic material	- Polycarbonate
Optic material	
Ontical cover/lens material	
Optical cover/lens material	Polycarbonate
Fixation material	Polycarbonate -
Fixation material Housing Colour	Polycarbonate - White
Fixation material  Housing Colour  Optical cover/lens finish	Polycarbonate  - White Opal
Fixation material  Housing Colour  Optical cover/lens finish  Overall length	Polycarbonate  - White Opal 1,450 mm
Fixation material  Housing Colour  Optical cover/lens finish  Overall length  Overall width	Polycarbonate  - White Opal 1,450 mm 65 mm
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Fixation material  Housing Colour  Optical cover/lens finish  Overall length  Overall width  Overall height  Dimensions (height x width x depth)	Polycarbonate  - White Opal 1,450 mm 65 mm
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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	<b>e</b> 0.05 %	
50,000 h		
Lumen maintenance at median useful life*	L70	
50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
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





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