



CoreLine Batten

BN126C LED100S/840 PSU TW1 L1800

CoreLine Batten, 75 W, L1800 mm, 10000 lm, 4000 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	Light Technical	
Driver included	Yes	Luminous Flux	10,000 lm
Feed-through wiring	Feed-through wiring 1-phase	Saturated Red (R9)	<50
Lighting Technology	LED	Correlated Colour Temperature	4000 K
Value ladder	Performance	Luminous efficacy (rated) (nom.)	133 lm/W
CE mark	Yes	Colour rendering index (CRI)	>80
Warranty period	5 years	Light source colour	840 neutral white
Flammability mark	-	Optic type	Very wide beam
ENEC mark	ENEC mark	Luminaire light beam spread	130°
Glow-wire test	Temperature 650 °C, duration 30 s		

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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	4.3 A
Inrush time	0.128 ms
Power Consumption	75 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	20
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	1,750 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1750 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	(0.38,0.38)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 LED100S/840 PSU TW1 L1800
Full product name	BN126C LED100S/840 PSU TW1 L1800
Full EOC	871016336360899
Order code	36360899
Material no. (12 NC)	911401898580
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8710163363608
Numerator – packs per outer box	6
EAN/UPC - Case	8710163363783

Dimensional drawing



