CoreLine Batten

BN126C LED100S/840 PSU L1800

CoreLine Batten, 75 W, L1800 mm, 10000 lm, 4000 K, Opal, IP20, TW1-ready

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & 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 & product warranty will become void

Product data

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Lighting Technology	LED
Value ladder	Performance
CE mark	CE mark
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

Light Technical

Luminous Flux	10,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	130 lm/W

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Color rendering index (CRI)	>80		Dimensions (Height x Width x Depth)	65 x 65 x 1750 mm
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1			
Stroboscopic effect visibility measure (SVM)	1.6		**Approval and Application**	
Light source color	840 neutral white		Ingress protection code	IP20 [Finger-protected]
Optic type	Beam angle 120°		Mech. impact protection code	IK04 [0.5 J standard plus]
Luminaire light beam spread	120°		Sustainability rating	–
Unified glare rating CEN	26		Protection class IEC	Safety class I
			Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Operating and Electrical			Photobiological risk specification	0.2 m
Input Voltage	220-240 V			
Line Frequency	50 or 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	17.6 A		Luminous flux tolerance	+/-10%
Inrush time	0.832 ms		Initial chromaticity	(0.38, 0.38) SDCM≤3
Power Consumption	75 W		Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.9			
Connection	Push-in connector 3-pole		**Over Time Performance (IEC Compliant)**	
Cable	–		Control gear failure rate at median useful life 50000 h	5 %
Number of products on MCB of 16 A type B	7		Lumen maintenance at median useful life* 50000 h	85
Temperature				
Ambient temperature range	–20 to +40 ℃		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Controls and Dimming			Suitable for random switching	Not applicable
Dimmable	No			
Driver/power unit/transformer	Power supply unit (On/Off)		**Product Data**	
Constant light output	No		Order product name	BN126C LED100S/840 PSU L1800
			Full product name	BN126C LED100S/840 PSU L1800
Mechanical and Housing			Full product code	871951494890799
Housing Material	Steel		Order code	911401835184
Reflector material	–		Material Nr. (12NC)	911401835184
Optic material	Polycarbonate		Numerator – Quantity Per Pack	1
Optical cover material	Polycarbonate		EAN/UPC – Product/Case	8719514948907
Fixation material	–		Numerator – Packs per outer box	6
Housing Color	White		EAN/UPC – Case	8719514949126
Optical cover finish	Opal			
Overall length	1,750 mm			
Overall width	65 mm			
Overall height	65 mm			

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Dimensional drawing

1750
65
65
798
1400
15.2
A 3:1
5.2
15

www.lighting.philips.com

2024, March 21 – data subject to change