CoreLine Batten

BN126C LED48S/830 PSU L1500

CoreLine Batten, 40 W, L1500 mm, 4800 lm, 3000 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	4,800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W

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Color rendering index (CRI)	>80
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Light source color	830 warm 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	10.6 A
Inrush time	0.527 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	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 material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover 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 [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	(0.43, 0.40) SDCM≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	85
Lumen maintenance at median useful life* 75000 h	80

Application Conditions

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

Product Data

Order product name	BN126C LED48S/830 PSU L1500
Full product name	BN126C LED48S/830 PSU L1500
Full product code	871951494885399
Order code	911401834684
Material Nr. (12NC)	911401834684
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514948853
Numerator – Packs per outer box	6
EAN/UPC – Case	8719514949072

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Dimensional drawing