CoreLine Batten

BN126C LED100S/840 PSU L1800

– 840 neutral white – Power supply unit (ON/OFF)

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 color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit (ON/OFF)
Driver included	Yes
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Connection	Push-in connector 3-pole
Cable	–
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	7
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Unified glare rating CEN	26

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Lighting Technology	LED
Brand	Philips
Value ladder	Performance

Light Technical

Luminous Flux	10,000 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	75 W
Inrush current	17.6 A
Inrush time	0.832 ms
Power Factor (Fraction)	0.9

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Steel
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Color	White RAL 9003
Optical cover/lens finish	Opal
Overall length	1,750 mm
Overall width	65 mm

Overall height	65 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	–

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–10%
Init. Corr. Color Temperature	4000 K
Initial chromaticity	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

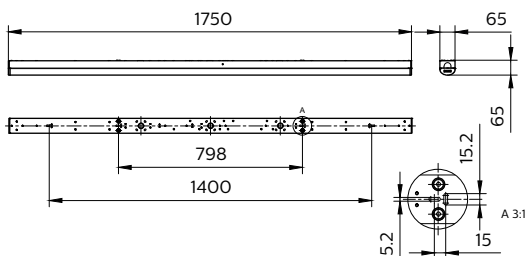|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

Application Conditions

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

Product Data

Full product code	871951494890799
Order product name	BN126C LED100S/840 PSU L1800
Order code	911401835184
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material number (12NC)	911401835184
Net weight	1.610 kg
Full product name	BN126C LED100S/840 PSU L1800
EAN/UPC – Case	8719514949126

Dimensional drawing

www.lighting.philips.com