



CoreLine Batten

BN126C LED80S/830_40 PSD L1500

CoreLine Batten, All-in, 57 W, L1500, 8000 lm, 3000 K, 4000 K, DALI, Opal, IP20/40, EL-ready

L1500, Metal-Plastic, White, Signal white (RAL9003), Power supply unit with DALI interface, All-in, Multi Color Temperature, 8000 lm, 57 W, 140 lm/W, 3000 K, 4000 K, (0.43,0.40) SDCM \leq 3, Symmetrical, Opal, Polycarbonate, IP20/40 | Finger-protected;Wire-protected, IK04 | 0.5 J standard plus, Safety class I, Push-in connector 3-pole, Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included), Emergency lighting ready (through compatible battery kit accessory)

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		Luminous efficacy (rated) (nom.)	
Number of gear units	Unit		140 lm/W
Driver included	Yes	Colour rendering index (CRI)	>80
Service Tag	Yes	Light source colour	830 warm white, 840 neutral white
Value ladder	Performance	Optic type	Symmetrical
Warranty period	5 years	Luminaire light beam spread	120°
Light Technical		Unified Glare Rating (CEN)	25
Luminous Flux	8,000 lm	All-in Type	All-in, Multi Color Temperature
Correlated Colour Temperature (Nom)	3000 4000 K	Operating and Electrical	
		Input Voltage	220 to 240 V

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Line Frequency	50 to 60 Hz
Inrush current	15.7 A
Inrush time	0.678 ms
Power Consumption	57 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB (16 A type B)	8
Suitable for random switching	No
Protection class IEC	Safety class I
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™

Mechanical and Housing

Housing material	Metal-Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Mounting	Ceiling Surface Suspended Wall-mounting bracket
Net Weight (Piece)	1.310 kg

Emergency Operation

Emergency flux	300 lm
Central Emergency	No
Emergency lighting	Emergency lighting ready (through compatible battery kit accessory)

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10%,+15%
Initial chromaticity	(0.43,0.40) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Sustainability Data

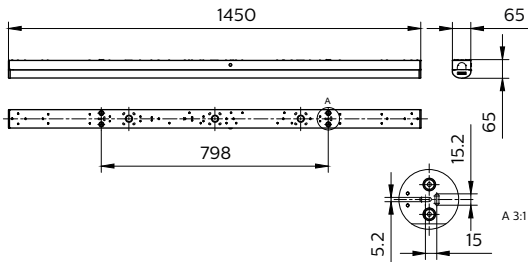
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.

Product Data

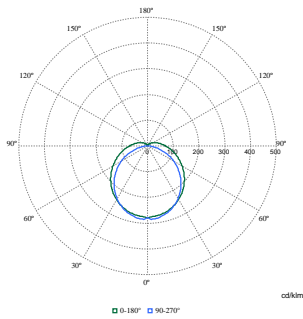
Order product name	BN126C LED80S/830_40 PSD L1500
Full product name	BN126C LED80S/830_40 PSD L1500
Full EOC	872016976838399
Order code	911401850387
Material no. (12 NC)	911401850387
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169768383
Numerator – packs per outer box	6
EAN/UPC - Case	8720169768468

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401850387

