

BN126C LED80S/840 PSU L1500

911401834784



CoreLine Batten, 59 W, L1500 mm, 8000 lm, 4000 K, Opal, IP20/40, TW1-ready, EL-ready

L1500 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 8000 lm, 59 W, 136 lm/W, 4000 K, (0.38, 0.38) SDCM≤3, Beam angle 120°, 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

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	8,000 lm
Saturated Red (R9)	<50
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	136 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral 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	15.7 A
Inrush time	0.678 ms
Power Consumption	59 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	Not applicable
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	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	1,450 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]
Net Weight (Piece)	1.040 kg

Emergency Operation

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
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C

Flickering value (PstLM)	1
Stroboscopic effect	1.6
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) 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 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

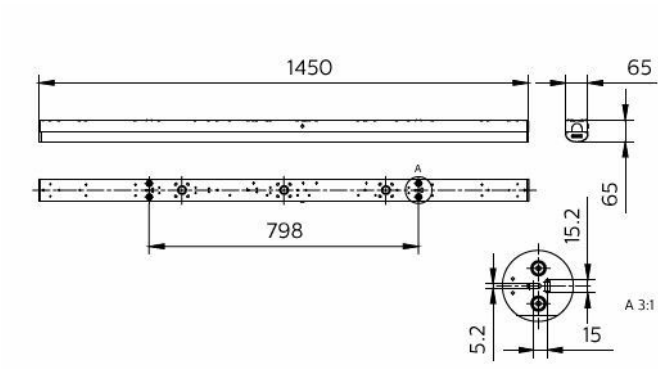
Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	17.1 kg CO ₂ e
Product non-virgin material ratio	26.1 %
Recyclable the content ratio of the finished product	67.2 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kwh)

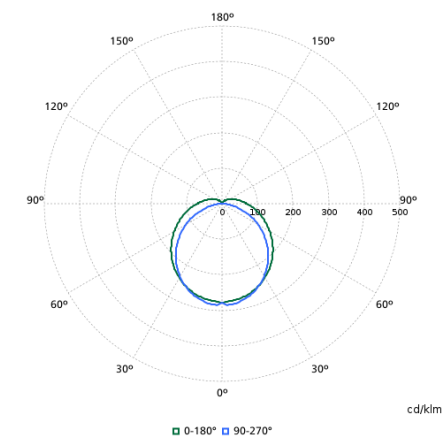
Product Data

Order product name	BN126C LED80S/840 PSU L1500
Full product name	BN126C LED80S/840 PSU L1500
Full EOC	871951494886099
Order code	911401834784
Material no. (12 NC)	911401834784
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514948860
Numerator – packs per outer box	6
EAN/UPC - Case	8719514949089

Dimensional drawing



Polar normal diagrams



Compatible Accessories

Accessory Image	Accessory Code	Accessory Name	Website
	911401776802	BN126Z SC	Product Website
	912401483603	EM300V ELB_ELP3 kit HV 6.4V 2000mAh LFP	Product Website

Related Documents

Documents and certificates	Document Name	Download
Tender text	Tender_Text_911401834784_en_GB.txt	Download 
Environmental Product Declaration	EPD-Philips-CoreLine-Batten-BN126C-LED80S-840-PSU-L1500-911401834784.pdf	Download 
Installation Instructions	MI-CoreLine-BN126C-All-in-combined-upgraded.pdf	Download 
Photometric and IES	Document Name	Download
LDT File	LDT File - 911401834784.ldt	Download 
ROLF File	ROLF File - 911401834784.rolfz	Download 
ULD File	ULD File - 911401834784.uld	Download 
Revit file	Revit file - 911401834784.zip	Download 