

BN126C LED100S/840 PSU L1800

911401835184



CoreLine Batten, 75 W, L1800 mm, 10000 lm, 4000 K, Opal, IP20/40, TW1-ready

L1800 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 10000 lm, 75 W, 130 lm/W, 4000 K, (0.38, 0.38) SDCM $\leq$ 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)

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

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	10,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Light source color	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	17.6 A
Inrush time	0.832 ms
Power Consumption	75 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	7
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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	1,750 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 65 x 1750 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Net Weight (Piece)	1.610 kg

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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Sustainability Data

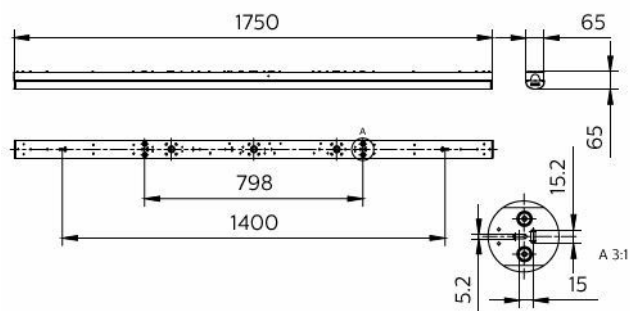
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	19.2 kg CO ₂ e
Product non-virgin material ratio	26.3 %
Recyclable content ratio of the finished product	67.3 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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 (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

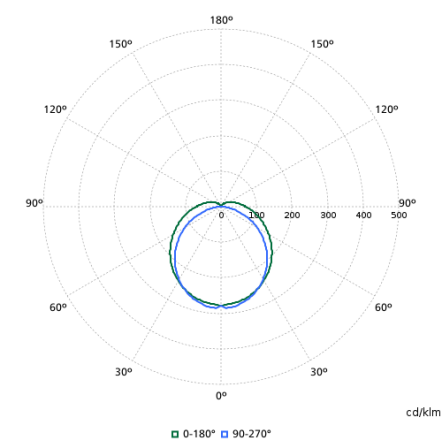
Product Data

Order product name	BN126C LED100S/840 PSU L1800
Full product name	BN126C LED100S/840 PSU L1800
Full product code	871951494890799
Order code	94890799
Material Nr. (12NC)	911401835184
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514948907
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514949126

Dimensional drawing



Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401776802	BN126Z SC	Product Website

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CoreLine-Batten-BN126C-LED100S-840-PSU-L1800-911401835184.pdf	Download
Tender text	Tender_Text_911401835184_en_BG.txt	Download
Installation Instructions	BN126C G4-MI-PSU_V4_2023 05.pdf	Download
Photometric and IES	Document Name	Download
LDT File	LDT File - 911401835184.ldt	Download
ROLF File	ROLF File - 911401835184.rolfz	Download
ULD File	ULD File - 911401835184.uld	Download
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