

BN126C LED41S/840 PSD L1200

910505103402



CoreLine Batten, 34 W, L1200 mm, 4100 lm, 4000 K, DALI, Opal, IP20/40, TW1-ready

L1200 mm, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, 4100 lm, 34 W, 121 lm/W, 4000 K, (0.38, 0.38) SDCM $\leq$ 3, Beam angle 120°, Opal, Polycarbonate, IP20 | Finger-protected, IK04 | 0.5 J standard plus, Safety class I, Push-in connector 5-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 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	4,100 lm
Saturated Red (R9)	<50
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	121 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	11.6 A
Inrush time	0.499 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB (16 A type B)	13
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	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	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,135 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1135 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Net Weight (Piece)	1.450 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)	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
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70

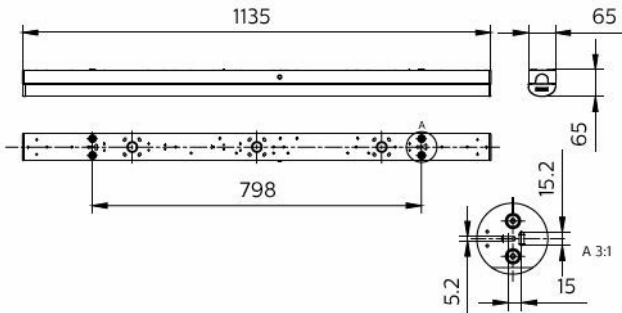
Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	19.7 kg CO ₂ e
Product non-virgin material ratio	23 %
Recyclable the content ratio of the finished product	50.2 %
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)

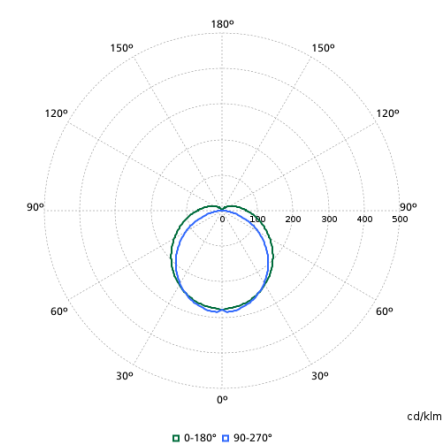
Product Data

Order product name	BN126C LED41S/840 PSD L1200
Full product name	BN126C LED41S/840 PSD L1200
Full EOC	872016910064000
Order code	910505103402
Material no. (12 NC)	910505103402
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169100640
Numerator – packs per outer box	1
EAN/UPC - Case	8720169100640
Product family code	BN126C [CORELINE BATTEN]

Dimensional drawing



Polar normal diagrams



Compatible Accessories

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-L1200-910505103402.pdf	Download
Installation Instructions	Manual Instruction_CoreLine batten BN126C PSD_WIA_2023 05.pdf	Download
Tender text	Tender_Text_910505103402_en_GB.txt	Download

Photometric and IES	Document Name	Download
LDT File	LDT File - BN120CI - 910505103402.ltd	Download
ROLF File	ROLF File - BN120CI - 910505103402.rolfz	Download
ULD File	ULD File - BN120CI - 910505103402.uld	Download
Revit file	Revit file - BN120CI - 910505103402.zip	Download

