



# CoreLine Batten

## BN126C LED41S/840 PSD L1200

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

### Product data

General Information		Operating and Electrical	
Light source replaceable	No	Correlated Colour Temperature (Nom)	4000 K
Number of gear units	Unit	Luminous efficacy (rated) (nom.)	121 lm/W
Driver included	Yes	Colour rendering index (CRI)	>80
Service Tag	Yes	Light source colour	840 neutral white
Lighting Technology	LED	Optic type	Beam angle 120°
Value ladder	Performance	Luminaire light beam spread	120°
Warranty period	5 years	Unified Glare Rating (CEN)	26
Light Technical		Input Voltage	220-240 V
Luminous Flux	4,100 lm	Line Frequency	50 or 60 Hz
Saturated Red (R9)	<50	Inrush current	11.6 A

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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
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## 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 <sub>2</sub> e
Product non-virgin material ratio	23 %
Recyclable the content ratio of the finished product	50.2 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> 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 <sub>2</sub> eq / kWh)

## Product Data

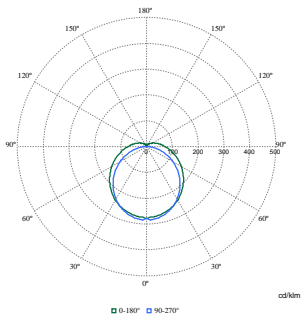
Order product name	BN126C LED41S/840 PSD L1200
Full product name	BN126C LED41S/840 PSD L1200
Full EOC	872016910064000
Order code	910505103402
Material no. (12 NC)	910505103402
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169100640
Numerator – packs per outer box	1
EAN/UPC - Case	8720169100640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

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - BN120CI - 910505103402

