



CoreLine Batten

BN126C LED52S/840 PSD L1500

CoreLine Batten, 43 W, L1500 mm, 5200 lm, 4000 K, DALI, Opal, IP20/40, TW1-ready

L1500 mm, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, 5200 lm, 43 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 & 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

Product data

General Information		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	121 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	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	5,200 lm	Line Frequency	50 or 60 Hz
Saturated Red (R9)	<50	Inrush current	10.6 A

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Inrush time	0.527 ms
Power Consumption	43 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover 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 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Net Weight (Piece)	1.480 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 L80 median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at L80 median useful life* 75000 h	

Sustainability Data

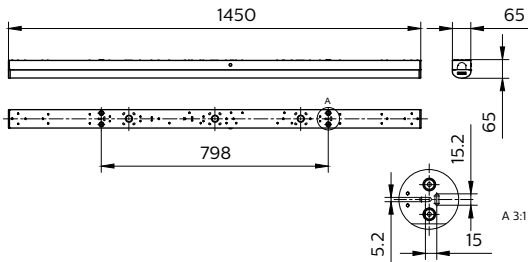
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	20.8 kg CO _{2e}
Product non-virgin material ratio	22 %
Recyclable content ratio of the finished product	50.7 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kwh)
GWP total B6 (kg CO _{2eq}) 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 _{2eq} / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

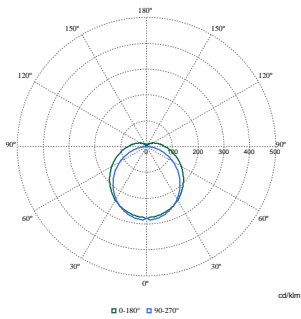
Order product name	BN126C LED52S/840 PSD L1500
Full product name	BN126C LED52S/840 PSD L1500
Full product code	872016910065700
Order code	910505103403
Material Nr. (12NC)	910505103403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169100657
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169100657
Product family code	BN126C [CORELINE BATTEN]

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Dimensional drawing



Photometric data



Polar Normal (separate) - BN120CI - 910505103403

