



# CoreLine Batten

## BN126C LED52S/840 PSD L1500

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

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

### 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		Warranty period	
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	EU RoHS compliant	Yes
Product family code	BN126C [CORELINE BATTEN]	Light Technical	
Lighting Technology	LED	Luminous Flux	5,200 lm
Value ladder	Performance	Saturated Red (R9)	<50
CE mark	CE mark	Correlated Color Temperature (Nom)	4000 K

## CoreLine Batten

Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
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	10.6 A
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

### Temperature

Ambient temperature range	-20 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	1,450 mm
Overall width	65 mm
Overall height	65 mm

Dimensions (Height x Width x Depth)	65 x 65 x 1450 mm
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### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	85
50000 h	
Lumen maintenance at median useful life*	80
75000 h	

### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

### 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

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### Dimensional drawing

