



# CoreLine Batten

## BN126C LED52S/840 WIA L1500

CoreLine Batten, 44 W, L1500 mm, 5200 lm, 4000 K, Wireless, Interact Ready, Opal, IP20, TW1-ready

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### 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		Warranty period	
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	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	
Connectivity	Interact Ready	Luminous Flux	5,200 lm
Lighting Technology	LED	Saturated Red (R9)	<50
Value ladder	Performance	Correlated Colour Temperature	4000 K
CE mark	CE mark	Luminous efficacy (rated) (nom.)	118 lm/W

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Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	1.6
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	10.6 A
Inrush time	0.527 ms
Power Consumption	44 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-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	Wireless driver Interact System-ready
Control interface	Wireless
Constant light output	No

## 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	1,450 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1450 mm

## 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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	85
Lumen maintenance at median useful life* 75000 h	80

## Application Conditions

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

## Product Data

Order product name	BN126C LED52S/840 WIA L1500
Full product name	BN126C LED52S/840 WIA L1500
Full EOC	872016910044200
Order code	10044200
Material no. (12 NC)	910505103381
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169100442
Numerator – packs per outer box	1
EAN/UPC - Case	8720169100442

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## Dimensional drawing

