



# CoreLine Batten

## BN126C LED64S/840 PSD L1200

CoreLine Batten, 54 W, L1200 mm, 6400 lm, 4000 K, DALI, 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Product family code	BN126C [CORELINE BATTEN]
Lighting Technology	LED
Value ladder	Performance
CE mark	CE mark
Warranty period	5 years

Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	6,400 lm
Saturated Red (R9)	<50
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	119 lm/W
Colour rendering index (CRI)	>80

## CoreLine Batten

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	14.4 A
Inrush time	0.579 ms
Power Consumption	54 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	9

### 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/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

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

Full EOC	872016910066400
Order product name	BN126C LED64S/840 PSD L1200
Order code	10066400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	910505103404
Full product name	BN126C LED64S/840 PSD L1200
EAN/UPC – Case	8720169100664
EAN/UPC – Product/Case	8720169100664

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### Dimensional drawing

