



# CoreLine Batten

## BN124C LED41S/840 PSU ELB3 TW1 L1200

CoreLine Batten, 42 W, L1200 mm, 4100 lm, 4000 K, Frosted, IP20, TW1, ELB3h

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		Lighting Technology	
Lamp family code	LED41S [LED module, system flux 4100 lm]	Value ladder	Performance
Cap base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on easily flammable surfaces
Gear	-	ENEC mark	-
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 30 s
Feed-through wiring	Feed-through wiring 1-phase	EU RoHS compliant	Yes
Remarks	Please download the Lighting – Product Data Sheet for more information and ordering options	Light Technical	
Product family code	BN120C [CoreLine Batten]	Luminous Flux	4,100 lm
		Correlated Colour Temperature	4000 K

## CoreLine Batten

Luminous efficacy (rated) (nom.)	97.5 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	-
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	120°

### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
End CLO power consumption	- W
Inrush current	0.29 A
Inrush time	0.06 ms
Power Consumption	42 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

### Temperature

Ambient temperature range	0 to +35 °C
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### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

### Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	1,135 mm

Overall width	64 mm
Overall height	82 mm
Dimensions (height x width x depth)	82 x 64 x 1135 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDC M<3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

### Product Data

Order product name	BN124C LED41S/840 PSU ELB3 TW1 L1200
Full product name	BN124C LED41S/840 PSU ELB3 TW1 L1200
Full EOC	871869939256799
Order code	39256799
Material no. (12 NC)	910500465175
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699392567
Numerator – packs per outer box	4
EAN/UPC - Case	8718699392604

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### Dimensional drawing

