



# **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 IPXO & 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	LED
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	Light Technical	
	ordering options	Luminous Flux	4,100 lm
Product family code	BN120C [CoreLine Batten]	Correlated Colour Temperature	4000 K

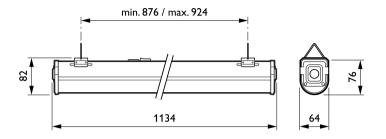
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Luminous efficacy (rated) (nom.)	97.5 lm/W	
Colour rendering index (CRI)	>80	
Beam angle of light source	120 degree(s)	
Light source colour	840 neutral white	
Optic type	-	
Optical cover type	Polycarbonate bowl/cover frosted	
Luminaire light beam spread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

Overall width	64 mm	
Overall height	82 mm 82 x 64 x 1135 mm	
Dimensions (height x width x depth)		
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 Complia		
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*	L70	
50,000 h		
Application Conditions		
Application Conditions	25.05	
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Suitable for random switching	Yes	
Product Data		
Flouder Data		
Order product name	BN124C LED41S/840 PSU ELB3 TW1 L1200	
Order product name		
Order product name Full product name	BN124C LED41S/840 PSU ELB3 TW1 L1200	
Order product name Full product name Full EOC	BN124C LED41S/840 PSU ELB3 TW1 L1200 871869939256799	
Order product name Full product name Full EOC Order code	BN124C LED41S/840 PSU ELB3 TW1 L1200 871869939256799 39256799	
Order product name Full product name Full EOC Order code Material no. (12 NC)	BN124C LED41S/840 PSU ELB3 TW1 L1200 871869939256799 39256799 910500465175	
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	39256799 910500465175 1	

## **CoreLine Batten**

#### Dimensional drawing





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