



CoreLine Batten

BN124C LED41S/840 PSU ELB3 TW1 L1200

CoreLine Batten - LED Module, system flux 4100 lm - 840 neutral white - Power supply unit

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.

Product data

General Information		Operating and Electrical	
Lamp family code	LED41S [LED Module, system flux 4100 lm]	Flammability mark	FF [For mounting on easy flammable surfaces]
Beam angle of light source	120 °	CE mark	CE mark
Light source colour	840 neutral white	ENEC mark	-
Cap base	- [-]	Warranty period	5 years
Light source replaceable	No	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Number of gear units	1 unit	Constant light output	No
Gear	-	Number of products on MCB	24
Driver/power unit/transformer	PSU [Power supply unit]	Product Family Code	BN120C [CoreLine Batten]
Driver included	Yes		
Optic type	No [-]		
Optical cover/lens type	PCF [Polycarbonate bowl/cover frosted]		
Luminaire light beam spread	120°		
Control interface	-	Input voltage	220-240 V
Connection	Push-in connector 3-pole	Input frequency	50 to 60 Hz
Cable	-	Control signal voltage	-
Protection class IEC	Safety class I	Initial CLO power consumption	- W W
Glow-wire test	Temperature 850 °C, duration 30 s	Average CLO power consumption	- W W

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End CLO power consumption	- W
Inrush current	0.29 A
Inrush time	0.06 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1135 mm
Overall width	64 mm
Overall height	82 mm
Width	- mm
Height	58 mm
Diameter	-
Colour	White
Dimensions (height x width x depth)	82 x 64 x 1135 mm (3.2 x 2.5 x 44.7 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	97.5 lm/W

Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDC M<3
Initial input power	42 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

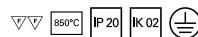
Control gear failure rate at median useful life 50,000 h	5 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes

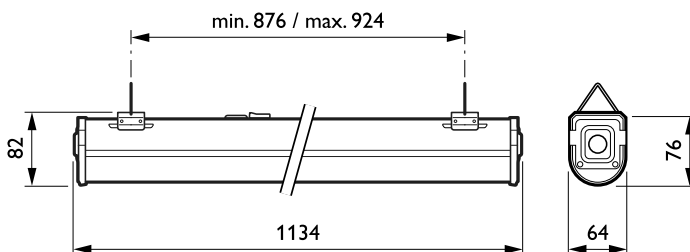
Product Data

Full product code	871869939256799
Order product name	BN124C LED41S/840 PSU ELB3 TW1 L1200
EAN/UPC – product	8718699392567
Order code	39256799
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	910500465175
Net weight (piece)	2.180 kg



Warnings and Safety

Dimensional drawing



CoreLine Batten BN120C-BN126C

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