



CoreLine Batten

BN124C LED41S/840 PSU ELB3 TW1 L1200

CoreLine Batten - LED Module, system flux 4100 lm - 840
neutral white - Power supply unit - 1135 mm

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			
Lamp family code	LED41S [LED Module, system flux 4100 lm]	Glow-wire test	Temperature 850 °C, duration 30 s
Beam angle of light source	120 °	Flammability mark	For mounting on easy flammable surfaces
Light source color	840 neutral white	CE mark	CE mark
Cap-Base	- [-]	ENEC mark	-
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Gear	-	Constant light output	No
Driver/power unit/transformer	Power supply unit	Number of products on MCB of 16 A type B	24
Driver included	Yes	RoHS mark	RoHS mark
Optic type	-	Product family code	BN120C [CoreLine Batten]
Optical cover/lens type	Polycarbonate bowl/cover frosted	Operating and Electrical	
Luminaire light beam spread	120°	Input Voltage	220-240 V
Control interface	-	Input Frequency	50 to 60 Hz
Connection	Push-in connector 3-pole	Control signal voltage	-
Cable	-	Initial CLO power consumption	- W W
Protection class IEC	Safety class I		

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Average CLO power consumption	- W W
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
Length	1135 mm
Width	- mm
Height	58 mm
Diameter	-
Color	White

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

Init. Corr. Color Temperature	4000 K
Init. Color 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)

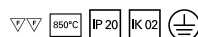
Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim 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	910500465175
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	910500465175
Net Weight (Piece)	2.180 kg

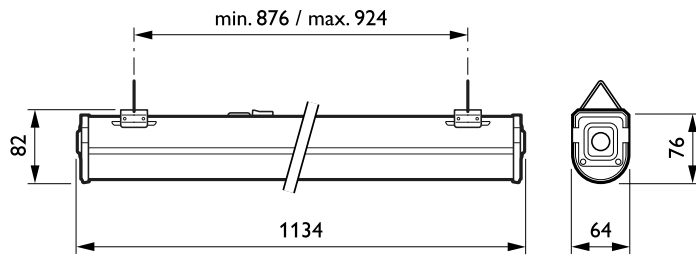


Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & 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 & product warranty will become void

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Dimensional drawing



CoreLine Batten BN120C-BN124C

