CoreLine Batten

BN124C LED41S/840 PSU TW1 L1200

CoreLine Batten, 38 W, L1200 mm, 4100 lm, 4000 K, Frosted, IP20, TW1

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			
Lamp family code	LED41S [LED module, system flux 4100 lm]		useful life (B50) value also represents the B10 value.
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Performance
Driver included	Yes	CE mark	Yes
Feed-through wiring	Feed-through wiring 1-phase	Warranty period	5 years
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median	Flammability mark	For mounting on easily flammable surfaces
		ENEC mark	–
		Glow-wire test	Temperature 850 °C, duration 30 s
		EU RoHS compliant	Yes

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Light Technical

Luminous Flux	4,100 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	108 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	–
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	– W
Inrush current	0.29 A
Inrush time	0.06 ms
Power Consumption	38 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	–
Optic material	–
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White
Optical cover/lens finish	Frosted

Approval and Application

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

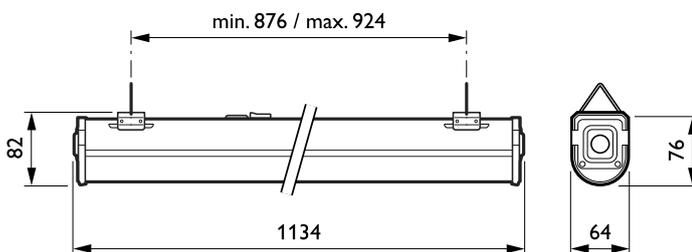|	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDC M<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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
Suitable for random switching	Yes

Product Data

Order product name	BN124C LED41S/840 PSU TW1 L1200
Full product name	BN124C LED41S/840 PSU TW1 L1200
Full EOC	871869607474999
Order code	07474999
Material no. (12 NC)	910503910279
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696074749
Numerator – packs per outer box	8
EAN/UPC – Case	8718699380052

Dimensional drawing

min. 876 / max. 924

82

1134

76

64

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www.lighting.philips.com

2023, December 4 – data subject to change