



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 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	
Lamp family code	LED41S [LED module, system flux 4100 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 1-phase
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

	useful life (B50) value also represents the B10
	value.
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Datasheet, 2023, December 4 data subject to change

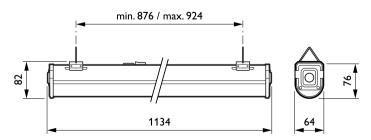
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Light Technical	
Luminous Flux	4,100 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	108 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Operating and 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	24
В	
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

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 5% Iife 50,000 h 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 Material no. (12 NC) 910503910279 SAP numerator – quantity per pack 1		
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 IKO2 [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 5% Iife 50,000 h Lumen maintenance at median useful L70 Iife* 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name BN124C LED41S/B40 PSU TW1 L1200 Full product name BN124C LED41S/B40 PSU TW1 L1200 Full product name BN124C LED41S/B40 PSU TW1 L1200 Full EOC 871869607474999 Order code 07474999 Material no. (12 NC) 910503910279	Overall length	1,135 mm
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EAN/UPC — Product/Case 8718696074749		·

8718699380052

Dimensional drawing



Numerator – packs per outer box

EAN/UPC - Case

CoreLine Batten



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