



CoreLine Batten

BN124C LED41S/840 PSU TW1 L1200

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		Remarks	
Lamp family code	LED41S [LED Module, system flux 4100 lm]	* -Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.	
Light source colour	840 neutral white		
Light source replaceable	No		
Number of gear units	1 unit		
Driver/power unit/transformer	PSU [Power supply unit]		
Driver included	Yes		
Optic type	No [-]		
Luminaire light beam spread	120°		
Connection	Push-in connector 3-pole		
Cable	-		
Protection class IEC	Safety class I	Constant light output	No
Glow-wire test	Temperature 850 °C, duration 30 s	Number of products on MCB	24
Flammability mark	FF [For mounting on easy flammable surfaces]	RoHS mark	RoHS mark
CE mark	CE mark	Operating and Electrical	
ENEC mark	-	Input voltage	220-240 V
Warranty period	5 years	Input frequency	50 to 60 Hz
		End CLO power consumption	- W
		Inrush current	0.29 A
		Inrush time	0.06 ms

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Power factor (min.)	0.9
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1135 mm
Overall width	64 mm
Overall height	82 mm
Colour	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	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	108 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80

Initial chromaticity	(0.38, 0.38) SDC M<5
Initial input power	38 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C

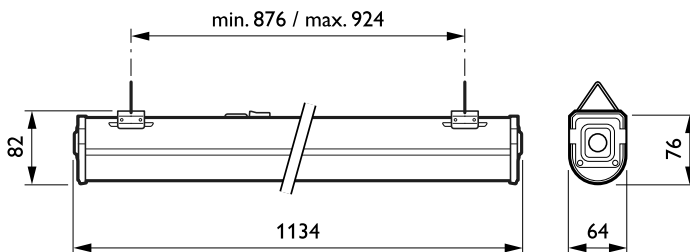
Product Data

Full product code	871869607474999
Order product name	BN124C LED41S/840 PSU TW1 L1200
EAN/UPC – product	8718696074749
Order code	07474999
Local Code	BN1244184UTL12
Numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12NC)	910503910279
Net weight (piece)	1.450 kg

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

Dimensional drawing



CoreLine Batten BN120C-BN124C

