



CoreLine Batten

BN124C LED38S/830 PSU TW1 L1200

CoreLine Batten, 38 W, L1200 mm, 3800 lm, 3000 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

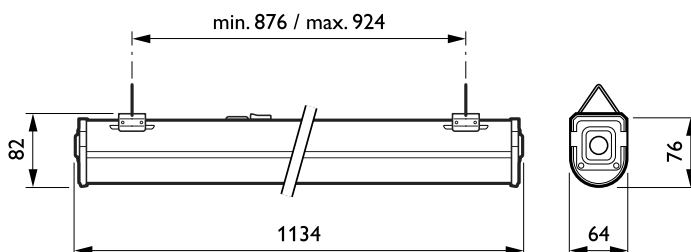
Product data

General Information			
Lamp family code	LED38S [LED module, system flux 3800 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	3,800 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm 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

Dimensional drawing



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	(0.44, 0.41) SDCM <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 LED38S/830 PSU TW1 L1200
Full product name	BN124C LED38S/830 PSU TW1 L1200
Full EOC	871869938000799
Order code	38000799
Material no. (12 NC)	910503910280
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699380007
Numerator – packs per outer box	8
EAN/UPC - Case	8718699380069

