



CoreLine Batten

BN124C LED38S/830 PSU TW1 L1200

LED Module, system flux 3800 lm - 830 warm 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	LED38S [LED Module, system flux 3800 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 color	830 warm white	
Light source replaceable	No	
Number of gear units	1 unit	
Driver/power unit/transformer	Power supply unit	
Driver included	Yes	Constant light output
Optic type	-	No
Luminaire light beam spread	120°	Number of products on MCB of 16 A type B
Connection	Push-in connector 3-pole	24
Cable	-	RoHS mark
Protection class IEC	Safety class I	RoHS mark
Glow-wire test	Temperature 850 °C, duration 30 s	
Flammability mark	For mounting on easy flammable surfaces	Operating and Electrical
CE mark	CE mark	Input Voltage
ENEC mark	-	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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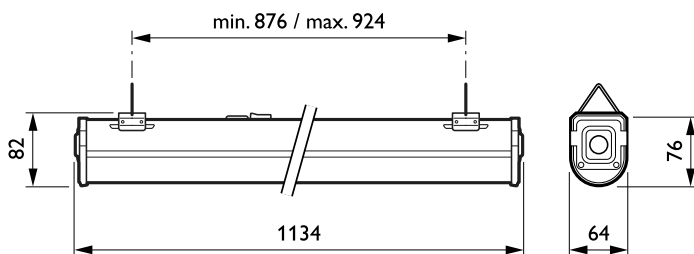
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1135 mm
Overall width	64 mm
Overall height	82 mm
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)	3800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80

Initial chromaticity	(0.44, 0.41) SDCM <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
Suitable for random switching	Yes
Product Data	
Full product code	871869938000799
Order product name	BN124C LED38S/830 PSU TW1 L1200
EAN/UPC - Product	8718699380007
Order code	910503910280
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	910503910280
Net Weight (Piece)	1.450 kg

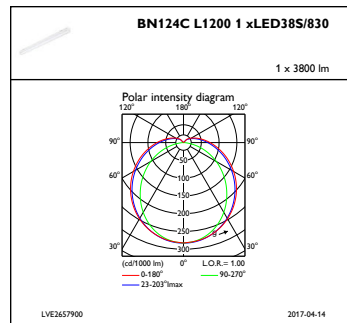
Warnings and Safety

- 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

Dimensional drawing



CoreLine Batten BN120C-BN124C



IFPC1_BN124CL12001xLED38S830

