



CoreLine Batten

BN124C LED60S/830 PSU TW1 L1500

LED Module, system flux 6000 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	LED60S [LED Module, system flux 6000 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	
Optic type	-	Constant light output
Luminaire light beam spread	120°	No
Connection	Push-in connector 3-pole	Number of products on MCB of 16 A type B
Cable	-	24
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	
CE mark	CE mark	
ENEC mark	-	
Warranty period	5 years	
Operating and Electrical		
Input Voltage		220-240 V
Input Frequency		50 to 60 Hz
End CLO power consumption		- W
Inrush current		0.37 A
Inrush time		0.06 ms

CoreLine Batten

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	1410 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)	6000 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	60 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

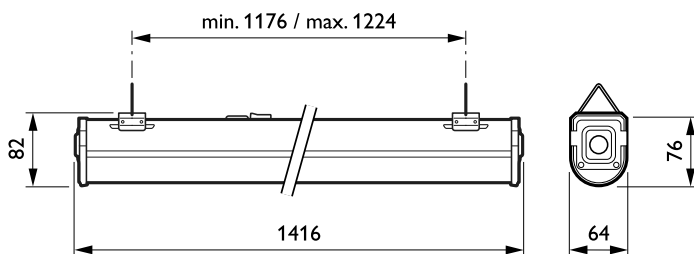
Product Data

Full product code	871869938002199
Order product name	BN124C LED60S/830 PSU TW1 L1500
EAN/UPC - Product	8718699380021
Order code	910503910282
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	910503910282
Net Weight (Piece)	1.970 kg

Warnings and Safety

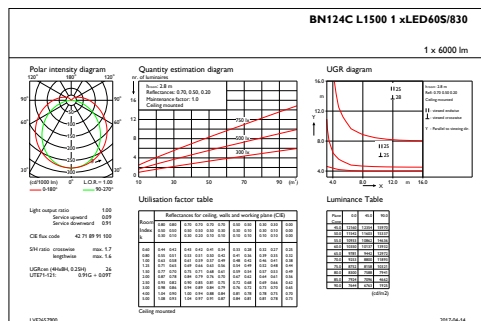
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Dimensional drawing

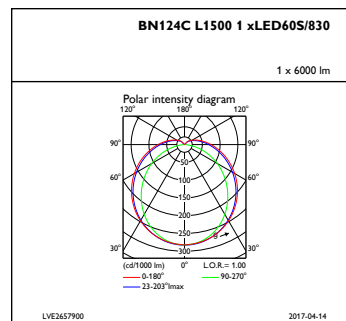


CoreLine Batten BN120C-BN124C

Photometric data



IFGU1_BN124CL15001xLED60S830



IFPC1_BN124CL15001xLED60S830

