



CoreLine Batten

BN124C LED21S/840 PSU TW1 L600

LED Module, system flux 2100 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	LED21S [LED Module, system flux 2100 lm]		* -Per Lighting Europe guidance paper
Light source color	840 neutral white		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	1 unit		is no relevant difference in lumen
Driver/power unit/transformer	Power supply unit		maintenance between B50 and for example
Driver included	Yes		B10. Therefore the median useful life (B50)
Optic type	-		value also represents the B10 value.
Luminaire light beam spread	120°	Constant light output	No
Connection	Push-in connector 3-pole	Number of products on MCB of 16 A type	24
Cable	-	B	
Protection class IEC	Safety class I	RoHS mark	RoHS mark
Glow-wire test	Temperature 850 °C, duration 30 s	Operating and Electrical	
Flammability mark	For mounting on easy flammable surfaces	Input Voltage	220-240 V
CE mark	CE mark	Input Frequency	50 to 60 Hz
ENEC mark	-	End CLO power consumption	- W
Warranty period	5 years	Inrush current	0.29 A
		Inrush time	0.06 ms

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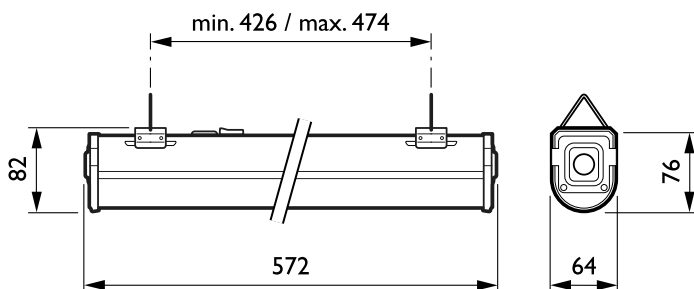
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	575 mm
Overall width	64 mm
Overall 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)	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80

Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	19 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	871869607472599
Order product name	BN124C LED21S/840 PSU TW1 L600
EAN/UPC - Product	8718696074725
Order code	910503910277
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	910503910277
Net Weight (Piece)	0.700 kg

Warnings and Safety

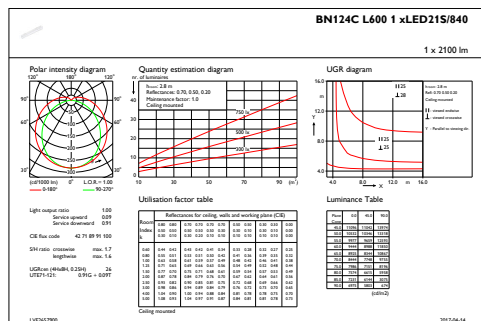
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee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

Dimensional drawing

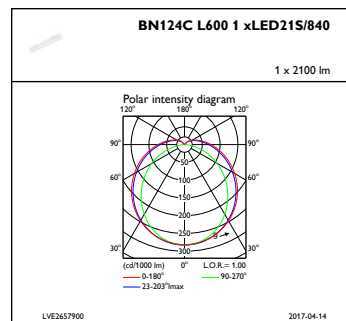


CoreLine Batten BN120C-BN124C

Photometric data



IFGU1_BN124CL6001xLED21S840



IFPC1_BN124CL6001xLED21S840

