



# 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
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 B	24
Cable	-	RoHS mark	RoHS mark
Protection class IEC	Safety class I	Operating and Electrical	
Glow-wire test	Temperature 850 °C, duration 30 s	Input Voltage	220-240 V
Flammability mark	For mounting on easy flammable surfaces	Input Frequency	50 to 60 Hz
CE mark	CE mark	End CLO power consumption	- W
ENEC mark	-	Inrush current	0.29 A
Warranty period	5 years	Inrush time	0.06 ms

## CoreLine Batten

Power Factor (Min)	0.9
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
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
<b>Approval and Application</b>	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]
<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux (system flux)	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	108 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color 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
Suitable for random switching	Yes

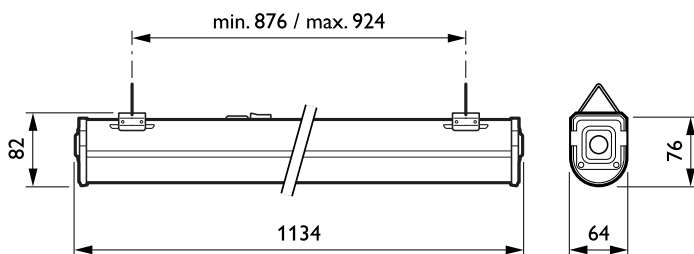
### Product Data

Full product code	871869607474999
Order product name	BN124C LED41S/840 PSU TW1 L1200
EAN/UPC - Product	8718696074749
Order code	910503910279
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	910503910279
Net Weight (Piece)	1.450 kg

## Warnings and Safety

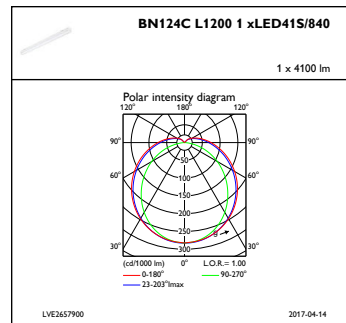
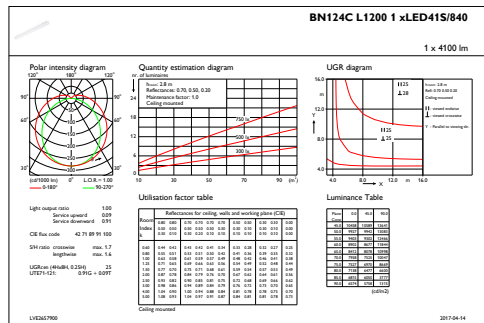
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee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

## Dimensional drawing



CoreLine Batten BN120C-BN124C

Photometric data



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IFPC1\_BN124CL12001xLED41S840

