



# **CoreLine Batten**

## BN124C LED19S/830 PSU TW1 L600

CoreLine Batten, 19 W, L600 mm, 1900 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 IPXO & 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	LED19S [LED module, system flux 1900 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 1-phase
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

	useful life (B50) value also represents the B10
	value.
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Datasheet, 2023, December 4 data subject to change

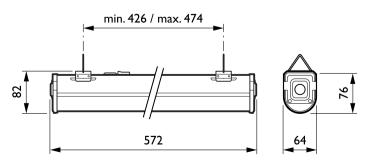
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Light Technical	
Luminous Flux	1,900 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	
Luminaire light beam spread	120°
Operating and Electrical	
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	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	0 to +35 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Machanical and Housing	
Mechanical and Housing	
Housing material	Metal
	Metal -
Housing material	Metal - -
Housing material Reflector material	Metal Polycarbonate
Housing material Reflector material Optic material	-
Housing material  Reflector material  Optic material  Optical cover/lens material	- - Polycarbonate
Housing material Reflector material Optic material Optical cover/lens material Fixation material	- Polycarbonate Stainless steel

Overall length	575 mm
Overall width	64 mm
Overall height	82 mm
Dimensions (height x width x depth)	82 x 64 x 575 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 Compli	iant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	170
	L70
life* 50,000 h	1/0
life* 50,000 h	170
life* 50,000 h  Application Conditions	
life* 50,000 h	25 °C
life* 50,000 h  Application Conditions	
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching	25 °C
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data	25 °C Yes
Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data  Order product name	25 °C Yes  BN124C LED19S/830 PSU TW1 L600
life* 50,000 h  Application Conditions Performance ambient temperature Tq Suitable for random switching  Product Data Order product name Full product name	25 °C Yes  BN124C LED19S/830 PSU TW1 L600 BN124C LED19S/830 PSU TW1 L600
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data  Order product name  Full product name  Full EOC	25 °C Yes  BN124C LED19S/830 PSU TW1 L600 BN124C LED19S/830 PSU TW1 L600 871869607473299
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data  Order product name  Full product name  Full EOC  Order code	25 °C  Yes  BN124C LED195/830 PSU TW1 L600  BN124C LED195/830 PSU TW1 L600  871869607473299  07473299
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data  Order product name  Full product name  Full EOC  Order code  Material no. (12 NC)	25 °C  Yes  BN124C LED19S/830 PSU TW1 L600  BN124C LED19S/830 PSU TW1 L600  871869607473299  07473299  910503910278
life* 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Product Data  Order product name  Full product name  Full EOC  Order code	25 °C  Yes  BN124C LED19S/830 PSU TW1 L600  BN124C LED19S/830 PSU TW1 L600  871869607473299  07473299

8718699380045

## Dimensional drawing



Numerator – packs per outer box

EAN/UPC - Case

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