



CoreLine Batten

BN124C LED60S/830 PSU TW1 L1500

CoreLine Batten, 60 W, L1500 mm, 6000 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			useful life (B50) value also represents the B10
Lamp family code	LED60S [LED Module, system flux 6000 lm]		value.
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Performance
Driver included	Yes	CE mark	Yes
Feed-through wiring	Feed-through wiring 1-phase	Warranty period	5 years
Remarks	*- According to the Lighting Europe guidance	Flammability mark	For mounting on easily flammable surfaces
	paper 'Evaluating performance of LED based	ENEC mark	-
	luminaires – January 2018': statistically there	Glow-wire test	Temperature 850 °C, duration 30 s
	is no relevant difference in lumen	EU RoHS compliant	Yes
	maintenance between the B50 and, for		
	example, the B10. Therefore, the median		

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Light Technical	
Luminous Flux	6,000 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°
	- 120°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	- W
Inrush current	0.37 A
Inrush time	0.06 ms
Power Consumption	60 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

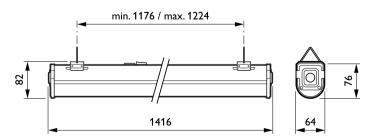
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

0 to +35 °C

Mechanical and Housing	
Housing material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White
Optical cover/lens finish	Frosted

Overall length	1,410 mm
Overall width	64 mm
Overall height	82 mm
Dimensions (height x width x depth)	82 x 64 x 1410 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 Comp	liant)
Control gear failure rate at median usefu	l 5%
life 50,000 h	
	L70
Lumen maintenance at median useful	L70
life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	L70
Lumen maintenance at median useful life* 50,000 h Application Conditions	L70 25 °C
Lumen maintenance at median useful life* 50,000 h	
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq	25 ℃
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data	25 ℃
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name	25 °C Yes
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Lumen maintenance at median useful 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 LED60S/830 PSU TW1 L1500 BN124C LED60S/830 PSU TW1 L1500 871869938002199
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full Product name Full EOC Order code Material no. (12 NC)	25 °C Yes BN124C LED60S/830 PSU TW1 L1500 BN124C LED60S/830 PSU TW1 L1500 871869938002199 38002199
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	25 °C Yes BN124C LED60S/830 PSU TW1 L1500 BN124C LED60S/830 PSU TW1 L1500 871869938002199 38002199 910503910282
Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching	25 °C Yes BN124C LED60S/830 PSU TW1 L1500 BN124C LED60S/830 PSU TW1 L1500 871869938002199 38002199 910503910282 1

Dimensional drawing



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