



CoreLine Batten

BN124C LED53S/840 IA1 TW1 L1500

CoreLine Batten, 44 W, L1500 mm, 5300 lm, 4000 K, Wireless, Interact Ready, 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

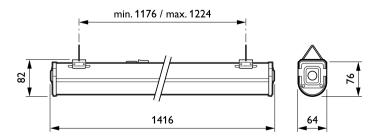
General Information		Flammability mark	For mounting on easily flammable
Light source replaceable	No		surfaces
Number of gear units	Unit	ENEC mark	-
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 30 s
Feed-through wiring	Feed-through wiring 1-phase	EU RoHS compliant	Yes
Connectivity	Interact Ready		
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	5,300 lm
Embedded control	Interact SNS210 sensor	Correlated Colour Temperature	4000 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	120 lm/W
Warranty period	5 years	Colour rendering index (CRI)	>80
		Beam angle of light source	120 degree(s)

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Light source colour	840 neutral white	
Optic type	Beam angle 120°	
Luminaire light beam spread	120°	
Unified Glare Rating (CEN)	Not applicable	
	Not applicable	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
Inrush current	21 A	
Inrush time	0.28 ms	
Power Consumption	44 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 3-pole	
Cable	-	
Number of products on MCB of 16 A type B	22	
Temperature		
Ambient temperature range	0 to +35 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	Wireless	
Constant light output	No	
Mechanical and Housing		
Housing material	Aluminium	
Reflector material	-	
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Fixation material	Stainless steel	
Housing Colour	White	
Optical cover/lens finish	Frosted	
Overall length	1,416 mm	
	64 mm	

Overall height	82 mm	
Dimensions (height x width x depth)	82 x 64 x 1416 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	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant	:)	
Driver failure rate at 5,000 hours	0.01 %	
Control gear failure rate at median useful life	5 %	
50,000 h		
Lumen maintenance at median useful life*	L70	
50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	10%	
Suitable for random switching	Yes	
Product Data		
Order product name	BN124C LED53S/840 IA1 TW1 L1500	
Full product name	BN124C LED53S/840 IA1 TW1 L1500	
Full EOC	871016333734099	
Order code	33734099	
Material no. (12 NC)	911401800380	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8710163337340	
Numerator – packs per outer box	6	
Numerator – packs per outer box		

Dimensional drawing



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