PHILIPS Lighting



CoreLine Batten

BN126C LED20S/830 PSU L600

CoreLine Batten, 17 W, L600 mm, 2000 lm, 3000 K, Opal, IP20, TW1-ready

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

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

Product data

General Information		Flammability mark	For mounting on normally flammable
Light source replaceable	No		surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Feed-through wiring	Simple Connection and removable cover	EU RoHS compliant	Yes
	available for feed-through wiring 1-		
	phase (internal wiring is not included)	Light Technical	
Lighting Technology	LED	Luminous Flux	2,000 lm
Value ladder	Performance	Saturated Red (R9)	<50
CE mark	CE mark	Correlated Color Temperature (Nom)	3000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	118 lm/W

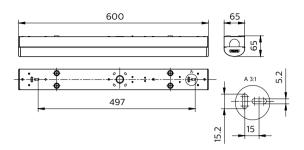
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Color rendering index (CRI)	>80	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	1.6	
Light source color	830 warm white	
Optic type	Beam angle 120°	
Luminaire light beam spread	120°	
Unified glare rating CEN	26	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Inrush current	8.3 A	
Inrush time	0.345 ms	
Power Consumption	17 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 3-pole	
Cable	-	
Number of products on MCB of 16 A type B	25	
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Constant light output	No	
Mechanical and Housing		
Housing Material	Steel	
Reflector material	-	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material		
Housing Color	White	
Optical cover finish	Opal	
Overall length	600 mm	
Overall width	65 mm	
Overall height	65 mm	
Dimensions (Height x Width x Depth)	65 x 65 x 600 mm	

Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK04 [0.5 J standard plus]	
Sustainability rating	-	
Protection class IEC	Safety class I	
Photobiological risk	Photobiological risk group 0 @200mm	
	to EN62778	
Photobiological risk specification	0.2 m	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	85	
50000 h		
Lumen maintenance at median useful life*	70	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Not applicable	
Product Data		
Order product name	BN126C LED20S/830 PSU L600	
Full product name	BN126C LED20S/830 PSU L600	
Full product code	871951494875499	
Order code	911401833684	
Material Nr. (12NC)	911401833684	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514948754	
Numerator - Packs per outer box	8	
EAN/UPC - Case	8719514948976	

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Dimensional drawing





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