



Essential Smartbright LED Batten

BN068C LED9/CW L900 TH G2

Essential Smartbright LED Batten, 9.6 W, 900 lm, 6500 K, Wide beam

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. This new 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		Optic type	
Light source replaceable	No	Wide beam	
Number of gear units	1 unit	Optical cover type	
Driver included	Yes	Polycarbonate linear	
Light source engine type	LED	Luminaire light beam spread	
CE mark	-	140°	
Warranty period	1 years		
Glow-wire test	Temperature 850 °C, duration 5 s	Operating and Electrical	
EU RoHS compliant	Yes	Input Voltage	
		220 to 240 V	
		Line Frequency	
		50 to 60 Hz	
		Power Consumption	
		9.6 W	
		Power Factor (Fraction)	
		0.5	
		Connection	
		Flying leads/wires	
		Cable	
		Cable without plug 2-pole	
		Number of products on MCB of 16 A type B	
		10	
		Temperature	
		Ambient temperature range	
		-20 to +40 °C	
Light Technical			
Luminous Flux	900 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	94 lm/W		
Color rendering index (CRI)	>80		
Light source color	Cool white		

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

Mechanical and Housing	
Housing Material	Polyamide
Optic material	Polycarbonate
Optical cover material	Polyamide
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	885 mm
Overall width	21 mm
Overall height	34.2 mm
Dimensions (Height x Width x Depth)	34 x 21 x 885 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK00 [No protection]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Median useful life L70B50	20,000 hour(s)

Application Conditions	
Maximum dim level	Not applicable

Product Data	
Order product name	BN068C LED9/CW L900 TH G2
Full product name	BN068C LED9/CW L900 TH G2
Full product code	911401820897
Order code	01820897
Material Nr. (12NC)	911401820897
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163310626
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310923

Dimensional drawing

