



# Essential Smartbright LED Batten

## BN068C LED6/CW L600 G2

Essential Smartbright LED Batten, 6.5 W, 600 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	Polycarbonate linear
Driver included	Yes	Luminaire light beam spread	140°
Light source engine type	LED	Operating and Electrical	
CE mark	-	Input Voltage	220 to 240 V
Warranty period	1 years	Line Frequency	50 to 60 Hz
Glow-wire test	Temperature 850 °C, duration 5 s	Power Consumption	6.5 W
EU RoHS compliant	Yes	Power Factor (Fraction)	0.5
		Connection	Flying leads/wires
Light Technical		Cable	Cable without plug 2-pole
Luminous Flux	600 lm	Number of products on MCB of 16 A type B	10
Correlated Color Temperature (Nom)	6500 K	Temperature	
Luminous Efficacy (rated) (Nom)	92 lm/W	Ambient temperature range	-20 to +40 °C
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	585 mm
Overall width	21 mm
Overall height	34.2 mm
Dimensions (Height x Width x Depth)	34 x 21 x 585 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)
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## Application Conditions

Maximum dim level	Not applicable
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## Product Data

Order product name	BN068C LED6/CW L600 G2
Full product name	BN068C LED6/CW L600 G2
Full product code	911401818797
Order code	911401818797
Material Nr. (12NC)	911401818797
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163310411
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310718

## Dimensional drawing

