PHILIPS

Lighting

SmartBright LED Batten G2

BN013C LED20/CW L1200 G2

SmartBright LED Batten G2, 20 W, 2000 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Light source color	Cool white
Optic type	Wide beam
Optical cover type	Polycarbonate linear
Luminaire light beam spread	140°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	20 W
Power Factor (Fraction)	0.8
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 +35 °C

Controls and Dimming	
Dimmable	No

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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	1,200 mm
Overall width	30 mm
Overall height	37 mm
Dimensions (Height x Width x Depth)	37 x 30 x 1200 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<6
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	25,000 hour(s)

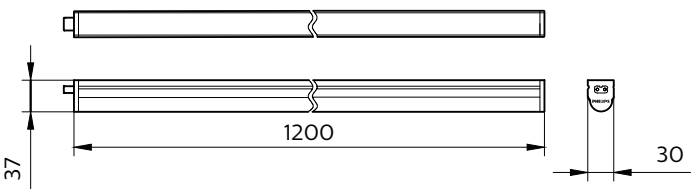
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BN013C LED20/CW L1200 G2
Full product name	BN013C LED20/CW L1200 G2
Full product code	911401808697
Order code	911401808697
Material Nr. (12NC)	911401808697
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163308227
Numerator - Packs per outer box	25
EAN/UPC - Case	8710163308524

Dimensional drawing



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