PHILIPS

BN068C LED12/CW L1200 TH G2

911401821197



Essential Smartbright LED Batten, 13 W, 1200 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

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	1 years

Light Technical

Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	92 lm/W
Color rendering index (CRI)	>80
Light source color	Cool white
Optic type	Wide beam
Luminaire light beam spread	140°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	13 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
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

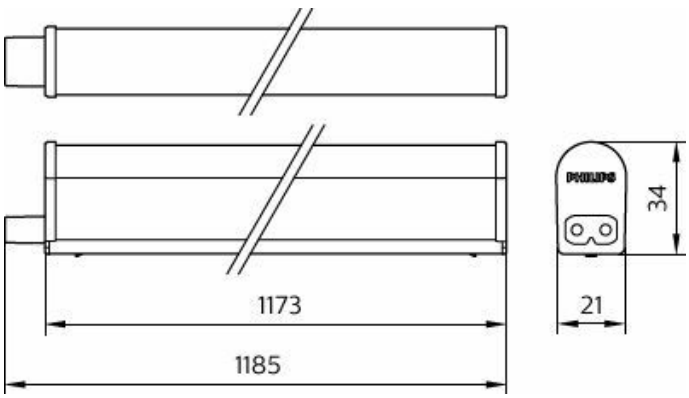
Mechanical and Housing

Housing Material	Polyamide
Optic material	Polycarbonate
Optical cover material	Polyamide
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,185 mm
Overall width	21 mm
Overall height	34.2 mm
Dimensions (Height x Width x Depth)	34 x 21 x 1185 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK00 [No protection]
Optical cover type	Polycarbonate linear
Net Weight (Piece)	0.162 kg

Approval and Application

Glow-wire test	Temperature 850 °C, duration 5 s
CE mark	No
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C

Dimensional drawing



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)

Product Data

Order product name	BN068C LED12/CW L1200 TH G2
Full product name	BN068C LED12/CW L1200 TH G2
Full product code	911401821197
Order code	911401821197
Material Nr. (12NC)	911401821197
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163310657
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310954

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Essential_SmartBright_LED_batten_G2-BN068C-INI.pdf	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.