PHILIPS

BN016C LED8/CW L600 G2

911401892581



Essential Smartbright T8 Batten, 8 W, 800 lm, 6500 K

BN016 Batten provide flexibility to customer to choose from 3 CCT and 2 different size and lumen packages, based on their specific need.

General Information

Light source engine type	LED
Value ladder	Value
Warranty period	1 years

Light Technical

Luminous Flux	800 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>70
Light source color	765 cool daylight

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	8 W
Power Factor (Fraction)	0.5
Number of products on MCB of 16 A type B	10
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Opal

Overall length	574 mm
Overall width	28.4 mm
Overall height	35.7 mm
Dimensions (Height x Width x Depth)	36 x 28 x 574 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.083 kg

Approval and Application

CE mark	No
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Order product name	BN016C LED8/CW L600 G2
Full product name	BN016C LED8/CW L600 G2
Full product code	692382864308999
Order code	911401892581
Material Nr. (12NC)	911401892581
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828643089
Numerator - Packs per outer box	40
EAN/UPC - Case	6923828643140

Related Documents

Photometry and lighting design	Document Name	Download
IES File	BN016C LED8CW L600 G2.IES	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.