



# **Smartbright T8 Batten**

## **BN013C LED20/CW L1200 G3**

#### Polycarbonate

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. New T8 LED batten range is perfect replacement for traditional battens with fluorescent lamps. The process of selecting, installing, and maintaining is so easy – it's a simple switch. The range offer customer to choose from various options, standalone batten, Batten with individual switch and connectable Battens in addition to 3 CCTs and 2 Wattages.

#### **Product data**

General information	
Light source color	865 cool daylight
Optical cover/lens type	Polycarbonate
Control interface	-
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
Number of products on MCB of 16 A type B	10
Light source engine type	LED
Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	14.3 A
Power Factor (Min)	0.9

Controls and dimming		
Dimmable	No	
Mechanical and housing		
Housing Material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Optical cover/lens finish	Opal	
Overall length	1186 mm	
Overall width	28.4 mm	
Overall height	35.7 mm	
Effective projected area	0.034 m²	
Color	White	
Dimensions (Height x Width x Depth)	36 x 28 x 1186 mm	
Approval and application		
Ingress protection code	IP20 [ Finger-protected]	
Mech. impact protection code	IKO2 [ 0.2 J standard]	

Datasheet, 2022, August 10 data subject to change

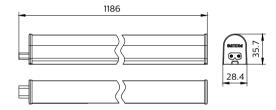
## **Smartbright T8 Batten**

Initial performance (IEC complian	nt)	
Initial luminous flux (system flux)	2000 lm	
Luminous flux tolerance	+/-10%	
Initial LED luminaire efficacy	100 lm/W	
Init. Corr. Color Temperature	6500 K	
Init. Color Rendering Index	>80	
Initial chromaticity	0.3123, 0.3282, SDCM≤5	
Initial input power	20 W	
Power consumption tolerance	+/-10%	

Product data	
Full product code	871951451789999
Order product name	BN013C LED20/CW L1200 G3
EAN/UPC - Product	8719514517899
Order code	911401808982
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	911401808982
Net Weight (Piece)	0.210 kg

Application conditions	
Ambient temperature range	-20 to +40 °C

### Dimensional drawing



BN013C LED20/CW L1200 G3



© 2022 Signify Holding All rights reserved. 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.