



**T8 LED Battens offers exceptional value. They provide quality light and substantial energy and maintenance savings compared to conventional luminaires.**

### **Smartbright T8 Batten**

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.

# Smartbright T8 Batten

## Benefits

- Slim Design: one piece PC extrusion housing
- Different options: Standalone batten with on/off switch and additional BN013 Trunkable version
- Ease of installation: Central and side cable entry

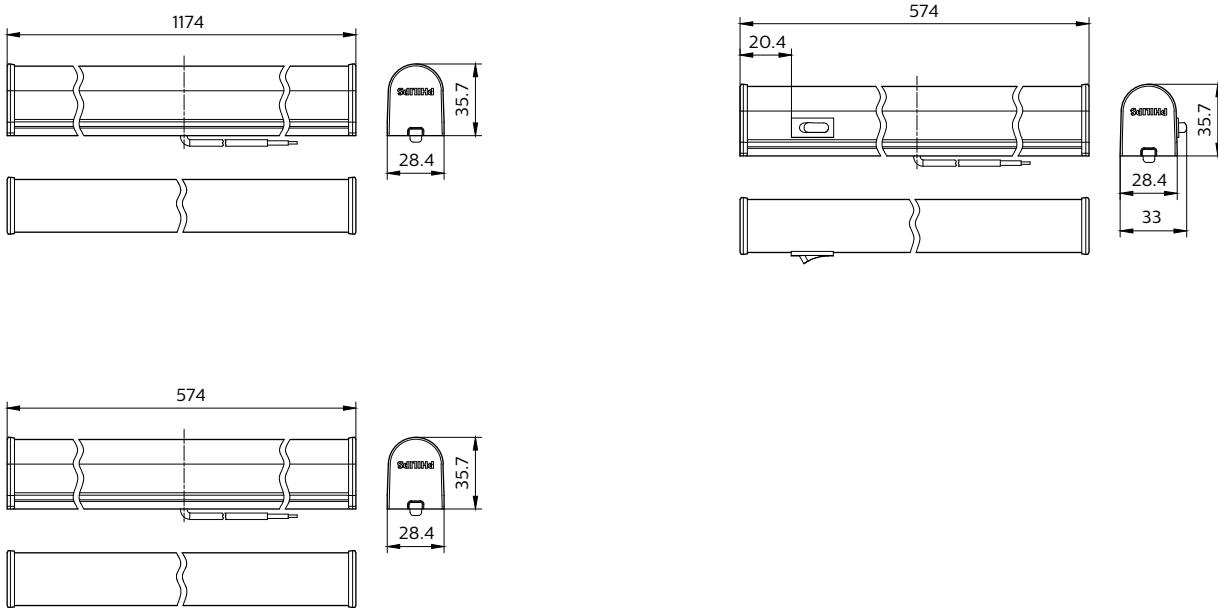
## Features

- 30,000 Hours lifetime (L70) with 3 Years warranty
- CRI 80, SDCM <6, 100lm/W, Superior light quality combined with good energy savings
- Central and side cable entry Ready solution for both new point and replacement
- 3 CCT (3000/4000/6500k) option for different customer needs
- On/Off switch version: Easy to use

## Application

- Retail
- Hospitality
- Offices

## Dimensional drawing



# Smartbright T8 Batten

Light Technical	
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	100 lm/W
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Polycarbonate
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401808282	BN012C LED10/NW L600 G3	4000 K	1,000 lm
911401808382	BN012C LED10/CW L600 G3	6500 K	1,000 lm
911401808582	BN012C LED10/NW L600 SW	4000 K	1,000 lm
911401808682	BN012C LED10/CW L600 SW	6500 K	1,000 lm
911401807982	BN012C LED20/NW L1200 G3	4000 K	2,000 lm
911401808082	BN012C LED20/CW L1200 G3	6500 K	2,000 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401808282	BN012C LED10/NW L600 G3	10 W
911401808382	BN012C LED10/CW L600 G3	10 W
911401808582	BN012C LED10/NW L600 SW	10 W

Order Code	Full Product Name	Power Consumption
911401808682	BN012C LED10/CW L600 SW	10 W
911401807982	BN012C LED20/NW L1200 G3	20 W
911401808082	BN012C LED20/CW L1200 G3	20 W

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401808282	BN012C LED10/NW L600 G3	0.3818, 0.3797, SDCM≤6
911401808382	BN012C LED10/CW L600 G3	0.3123, 0.3282, SDCM≤6
911401808582	BN012C LED10/NW L600 SW	0.3818, 0.3797, SDCM≤6

Order Code	Full Product Name	Initial chromaticity
911401808682	BN012C LED10/CW L600 SW	0.3123, 0.3282, SDCM≤6
911401807982	BN012C LED20/NW L1200 G3	0.3818, 0.3797, SDCM≤6
911401808082	BN012C LED20/CW L1200 G3	0.3123, 0.3282, SDCM≤6

## Smartbright T8 Batten



© 2025 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. All trademarks are owned by Signify Holding or their respective owners.

[www.lighting.philips.com](http://www.lighting.philips.com)  
2025, December 13 - data subject to change