



# **Philips 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

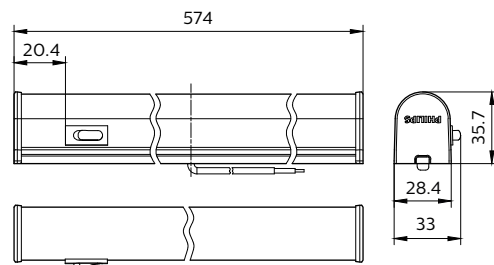
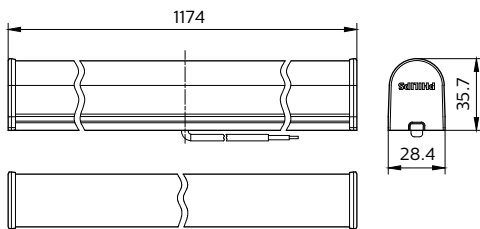
## Versions



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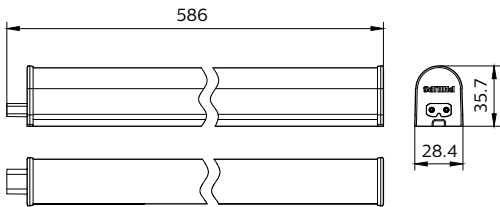
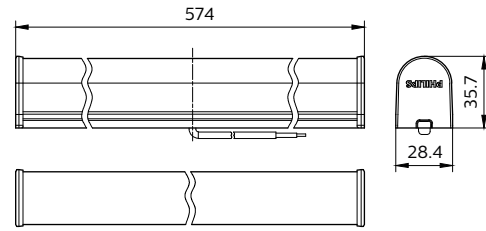
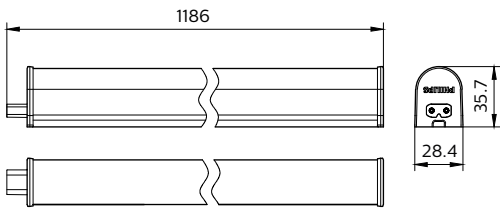
Smartbright T8 Batten

## Dimensional drawing



# Smartbright T8 Batten

## 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
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## 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%
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## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401808182	BN012C LED10/WW L600 G3	3000 K	950 lm
911401808282	BN012C LED10/NW L600 G3	4000 K	1,000 lm
911401808382	BN012C LED10/CW L600 G3	6500 K	1,000 lm
911401808782	BN013C LED20/WW L1200 G3	3000 K	1,900 lm
911401808882	BN013C LED20/NW L1200 G3	4000 K	2,000 lm
911401808982	BN013C LED20/CW L1200 G3	6500 K	2,000 lm
911401809582	BN013C LED20/CW L1200 AU G3	6500 K	2,000 lm
911401808582	BN012C LED10/NW L600 SW	4000 K	1,000 lm
911401808682	BN012C LED10/CW L600 SW	6500 K	1,000 lm
911401807882	BN012C LED20/WW L1200 G3	3000 K	1,900 lm
911401807982	BN012C LED20/NW L1200 G3	4000 K	2,000 lm
911401808082	BN012C LED20/CW L1200 G3	6500 K	2,000 lm
911401809082	BN013C LED10/WW L600 G3	3000 K	950 lm
911401809182	BN013C LED10/NW L600 G3	4000 K	1,000 lm
911401809282	BN013C LED10/CW L600 G3	6500 K	1,000 lm
911401809782	BN013C LED10/NW L600 AU G3	4000 K	1,000 lm
911401809882	BN013C LED10/CW L600 AU G3	6500 K	1,000 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401808182	BN012C LED10/WW L600 G3	10 W
911401808282	BN012C LED10/NW L600 G3	10 W
911401808382	BN012C LED10/CW L600 G3	10 W
911401808782	BN013C LED20/WW L1200 G3	20 W
911401808882	BN013C LED20/NW L1200 G3	20 W
911401808982	BN013C LED20/CW L1200 G3	20 W
911401809582	BN013C LED20/CW L1200 AU G3	20 W
911401808582	BN012C LED10/NW L600 SW	10 W
911401808682	BN012C LED10/CW L600 SW	10 W

Order Code	Full Product Name	Power Consumption
911401807882	BN012C LED20/WW L1200 G3	20 W
911401807982	BN012C LED20/NW L1200 G3	20 W
911401808082	BN012C LED20/CW L1200 G3	20 W
911401809082	BN013C LED10/WW L600 G3	10 W
911401809182	BN013C LED10/NW L600 G3	10 W
911401809282	BN013C LED10/CW L600 G3	10 W
911401809782	BN013C LED10/NW L600 AU G3	10 W
911401809882	BN013C LED10/CW L600 AU G3	10 W

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401808182	BN012C LED10/WW L600 G3	0.4338, 0.403, SDCM≤6
911401808282	BN012C LED10/NW L600 G3	0.3818, 0.3797, SDCM≤6
911401808382	BN012C LED10/CW L600 G3	0.3123, 0.3282, SDCM≤6
911401808782	BN013C LED20/WW L1200 G3	0.4338, 0.403, SDCM≤5
911401808882	BN013C LED20/NW L1200 G3	0.3818, 0.3797, SDCM≤5
911401808982	BN013C LED20/CW L1200 G3	0.3123, 0.3282, SDCM≤5
911401809582	BN013C LED20/CW L1200 AU G3	0.3123, 0.3282, SDCM≤5

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