



**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.

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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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Application Conditions

Ambient temperature range -20 to +40 °C

Approval and Application

Mech. impact protection code IK02

Ingress protection code IP20

Controls and Dimming

Dimmable No

Operating and Electrical

Input Voltage 220 to 240 V

General Information

CE mark CE mark

Protection class IEC Safety class II

Optical cover/lens type Polycarbonate

Flammability mark For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

Init. Color Rendering Index >80

Initial LED luminaire efficacy 100 lm/W

Luminous flux tolerance +/-10%

Mechanical and Housing

Color White

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial luminous flux | Initial input power |
|--------------|--------------------------------|---------------------------|-------------------------------|-----------------------|---------------------|
| 911401807882 | BN012C LED20/WW L1200 G3 | 0.4338, 0.403, SDCM≤6 | 3000 K | 1900 lm | 20 W |
| 911401807982 | BN012C LED20/NW L1200 G3 | 0.3818, 0.3797, SDCM≤6 | 4000 K | 2000 lm | 20 W |
| 911401808082 | BN012C LED20/CW L1200 G3 | 0.3123, 0.3282, SDCM≤6 | 6500 K | 2000 lm | 20 W |
| 911401808182 | BN012C LED10/WW L600 G3 | 0.4338, 0.403, SDCM≤6 | 3000 K | 950 lm | 10 W |
| 911401808282 | BN012C LED10/NW L600 G3 | 0.3818, 0.3797, SDCM≤6 | 4000 K | 1000 lm | 10 W |
| 911401808382 | BN012C LED10/CW L600 G3 | 0.3123, 0.3282, SDCM≤6 | 6500 K | 1000 lm | 10 W |
| 911401808482 | BN012C LED10/WW L600 SW | 0.4338, 0.403, SDCM≤6 | 3000 K | 950 lm | 10 W |
| 911401808582 | BN012C LED10/NW L600 SW | 0.3818, 0.3797, SDCM≤6 | 4000 K | 1000 lm | 10 W |
| 911401808682 | BN012C LED10/CW L600 SW | 0.3123, 0.3282, SDCM≤6 | 6500 K | 1000 lm | 10 W |
| 911401808782 | BN013C LED20/WW L1200 G3 | 0.4338, 0.403, SDCM≤5 | 3000 K | 1900 lm | 20 W |
| 911401808882 | BN013C LED20/NW L1200 G3 | 0.3818, 0.3797, SDCM≤5 | 4000 K | 2000 lm | 20 W |
| 911401808982 | BN013C LED20/CW L1200 G3 | 0.3123, 0.3282, SDCM≤5 | 6500 K | 2000 lm | 20 W |
| 911401809382 | BN013C LED20/WW L1200 AU G3 | 0.4338, 0.403, SDCM≤5 | 3000 K | 1900 lm | 20 W |
| 911401809482 | BN013C LED20/NW L1200 AU G3 | 0.3818, 0.3797, SDCM≤5 | 4000 K | 2000 lm | 20 W |
| 911401809582 | BN013C LED20/CW L1200 AU G3 | 0.3123, 0.3282, SDCM≤5 | 6500 K | 2000 lm | 20 W |
| 911401809082 | BN013C LED10/WW L600 G3 | 0.4338, 0.403, SDCM≤5 | 3000 K | 950 lm | 10 W |
| 911401809182 | BN013C LED10/NW L600 G3 | 0.3818, 0.3797, SDCM≤5 | 4000 K | 1000 lm | 10 W |
| 911401809282 | BN013C LED10/CW L600 G3 | 0.3123, 0.3282, SDCM≤5 | 6500 K | 1000 lm | 10 W |
| 911401809682 | BN013C LED10/WW L600 AU G3 | 0.4338, 0.403, SDCM≤5 | 3000 K | 950 lm | 10 W |
| 911401809782 | BN013C LED10/NW L600 AU G3 | 0.3818, 0.3797, SDCM≤5 | 4000 K | 1000 lm | 10 W |
| 911401809882 | BN013C LED10/CW L600 AU G3 | 0.3123, 0.3282, SDCM≤5 | 6500 K | 1000 lm | 10 W |

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