



Philips T8 LED Battens offer 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 the renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new T8 LED batten range is a 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 offers customers various options; standalone battens, batten with individual switch and connectable battens in addition to 3 CCTs and 2 wattage options.

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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-year warranty
- CRI 80, SDCM <6, 100 lm/W, superior light quality combined with good energy savings
- Central and side cable entry-ready solution for both new points and replacements
- 3 CCT (3,000/4,000/6,500 k) 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 (II)

Optical cover/lens type Polycarbonate

Flammability mark F

Initial Performance (IEC Compliant)

Init. Colour rendering index >80

Initial LED luminaire efficacy 100 lm/W

Luminous flux tolerance +/-10%

Mechanical and Housing

Colour White

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour 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

