



# Smartbright T8 Batten

**BN012C LED20/WW L1200 G3**

Polycarbonate

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.

## Product data

General Information	
Lamp colour code	830 warm white
Optical cover/lens type	Polycarbonate
Control interface	-
Protection class IEC	Safety class II (II)
Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
Number of products on MCB (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	1174 mm
Overall width	28.4 mm
Overall height	35.7 mm
Effective projected area	0.033 m <sup>2</sup>
Colour	White
Approval and Application	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

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## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	>80
Initial chromaticity	0.4338, 0.403, SDCM≤6
Initial input power	20 W
Power consumption tolerance	+/-10%

## Application Conditions

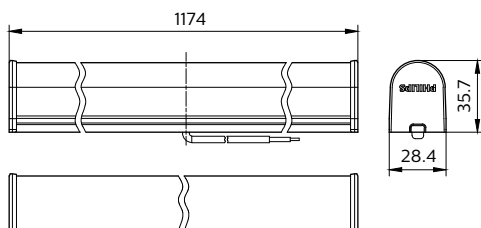
Ambient temperature range	-20 to +40 °C
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## Product Data

Full product code	871951451778399
Order product name	BN012C LED20/WW L1200 G3
EAN/UPC – product	8719514517783
Order code	911401807882
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	911401807882
SAP net weight (piece)	0.246 kg



## Dimensional drawing



Batten LED

