



An Easier Way to Better Savings

Essential Smartbright LED 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. This new batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch

Benefits

- Slim and trunkable, integrated design
- To replace the T5 Essential Batten TCH086/084
- Polycarbonate housing with one PC extrusion process
- The semi-transparent end cap eliminates the black spot entirely in trunking
- Different types can mix and match, flexible with a long length
- Sockets and accessories compatible with BN066C & TCH086 EV

Features

- One-piece PC extrusion housingSingle-piece integral design for better aesthetics
- Transparent end capEnables continuous light line without black spots, up to 10 pcs
- CRI 80, SDCM < 7, 80 lm/W Superior light quality combined with good energy savings
- Slim profile Ideal for task lighting/cove lighting applications
- Slim and narrow end capFits the cove or shelf more easily
- Uniform Light Optimal optical design to ensure no spottiness
- L70 20 k hours Reliable long-lasting solution
- 4 lengths, 3 colours Increased number of options for easy application

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Application

- Indirect lighting:
- Shelf, cove, back light box, ambient
- Direct lighting:
- Convenient store
- Long-distance linear lighting

Versions



BN068C LED3/CW L300 G2

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Application Conditions

Ambient temperature range	-20 to +40 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK00
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	-
Protection class IEC	Safety class II (II)
Driver included	Yes
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<7
Init. Colour Rendering Index	>80
Initial LED luminaire efficacy	80 lm/W
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
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Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
01818497	BN068C LED3/CW L300 G2	6500 K	300 lm	3.75 W
01818597	BN068C LED3/NW L300 G2	4000 K	300 lm	3.75 W
01818697	BN068C LED3/WW L300 G2	3000 K	300 lm	3.75 W
01818797	BN068C LED6/CW L600 G2	6500 K	600 lm	7.5 W
01818897	BN068C LED6/NW L600 G2	4000 K	600 lm	7.5 W
01818997	BN068C LED6/WW L600 G2	3000 K	600 lm	7.5 W
01819097	BN068C LED9/CW L900 G2	6500 K	900 lm	11.25 W
01819197	BN068C LED9/NW L900 G2	4000 K	900 lm	11.25 W
01819297	BN068C LED9/WW L900 G2	3000 K	900 lm	11.25 W
01819397	BN068C LED12/CW L1200 G2	6500 K	1200 lm	15 W
01819497	BN068C LED12/NW L1200 G2	4000 K	1200 lm	15 W
01819597	BN068C LED12/WW L1200 G2	3000 K	1200 lm	15 W
01820297	BN068C LED3/CW L300 TH G2	6500 K	300 lm	3.75 W
01820397	BN068C LED3/NW L300 TH G2	4000 K	300 lm	3.75 W
01820497	BN068C LED3/WW L300 TH G2	3000 K	300 lm	3.75 W
01820597	BN068C LED6/CW L600 TH G2	6500 K	600 lm	7.5 W
01820697	BN068C LED6/NW L600 TH G2	4000 K	600 lm	7.5 W
01820797	BN068C LED6/WW L600 TH G2	3000 K	600 lm	7.5 W
01820897	BN068C LED9/CW L900 TH G2	6500 K	900 lm	11.25 W
01820997	BN068C LED9/NW L900 TH G2	4000 K	900 lm	11.25 W
01821097	BN068C LED9/WW L900 TH G2	3000 K	900 lm	11.25 W
01821197	BN068C LED12/CW L1200 TH G2	6500 K	1200 lm	15 W
01821297	BN068C LED12/NW L1200 TH G2	4000 K	1200 lm	15 W
01821397	BN068C LED12/WW L1200 TH G2	3000 K	1200 lm	15 W

