An Easier Way to More Savings

Essential Smartbright LED 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. 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 T5 Essential Batten TCH086/084
- Polycarbonate housing with one pc extrusion process
- Semi-transparent endcap eliminates the black spot entirely in trunking
- Different type can mix and match, flexible in a long length
- Sockets and accessories compatible with BN066C & TCH086 EV

Features

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

Application

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

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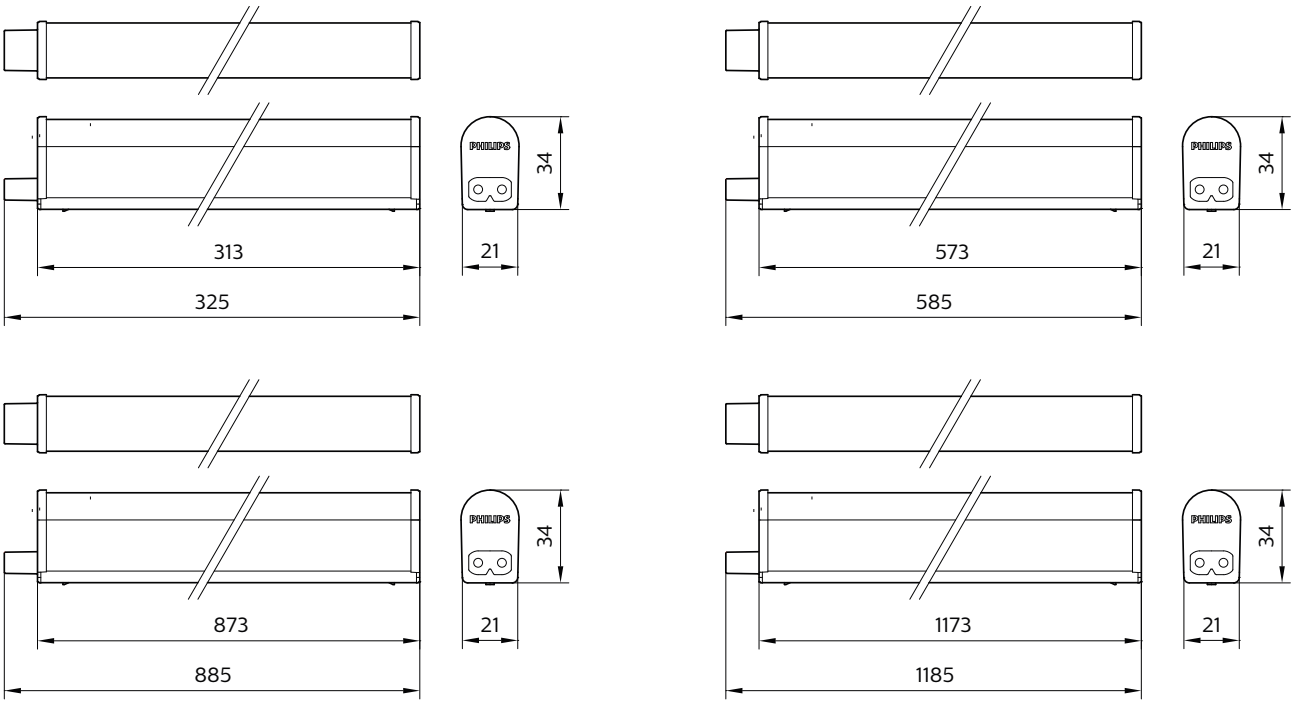
Dimensional drawing



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General Information	
CE mark	-
Driver included	Yes
Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit

Light Technical	
Optical cover type	Polycarbonate linear
Color rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Color	White

Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	IK00
Ingress protection code	IP20

Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<7
Luminous flux tolerance	+/-10%

Application Conditions	
Maximum dim level	Not applicable

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401818497	BN068C LED3/CW L300 G2	6500 K	88 lm/W	300 lm
911401818597	BN068C LED3/NW L300 G2	4000 K	88 lm/W	300 lm
911401818697	BN068C LED3/WW L300 G2	3000 K	88 lm/W	300 lm
911401818797	BN068C LED6/CW L600 G2	6500 K	92 lm/W	600 lm
911401818897	BN068C LED6/NW L600 G2	4000 K	92 lm/W	600 lm
911401818997	BN068C LED6/WW L600 G2	3000 K	92 lm/W	600 lm
911401819097	BN068C LED9/CW L900 G2	6500 K	94 lm/W	900 lm
911401819197	BN068C LED9/NW L900 G2	4000 K	94 lm/W	900 lm
911401819297	BN068C LED9/WW L900 G2	3000 K	94 lm/W	900 lm
911401819397	BN068C LED12/CW L1200 G2	6500 K	92 lm/W	1,200 lm
911401819497	BN068C LED12/NW L1200 G2	4000 K	92 lm/W	1,200 lm
911401819597	BN068C LED12/WW L1200 G2	3000 K	92 lm/W	1,200 lm
911401820297	BN068C LED3/CW L300 TH G2	6500 K	88 lm/W	300 lm
911401820497	BN068C LED3/WW L300 TH G2	3000 K	88 lm/W	300 lm
911401820597	BN068C LED6/CW L600 TH G2	6500 K	92 lm/W	600 lm
911401820697	BN068C LED6/NW L600 TH G2	4000 K	92 lm/W	600 lm
911401820797	BN068C LED6/WW L600 TH G2	3000 K	92 lm/W	600 lm
911401820897	BN068C LED9/CW L900 TH G2	6500 K	94 lm/W	900 lm
911401820997	BN068C LED9/NW L900 TH G2	4000 K	94 lm/W	900 lm
911401821097	BN068C LED9/WW L900 TH G2	3000 K	94 lm/W	900 lm
911401821197	BN068C LED12/CW L1200 TH G2	6500 K	92 lm/W	1,200 lm
911401821297	BN068C LED12/NW L1200 TH G2	4000 K	92 lm/W	1,200 lm
911401821397	BN068C LED12/WW L1200 TH G2	3000 K	92 lm/W	1,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401818497	BN068C LED3/CW L300 G2	3.4 W
911401818597	BN068C LED3/NW L300 G2	3.4 W
911401818697	BN068C LED3/WW L300 G2	3.4 W
911401818797	BN068C LED6/CW L600 G2	6.5 W
911401818897	BN068C LED6/NW L600 G2	6.5 W
911401818997	BN068C LED6/WW L600 G2	6.5 W
911401819097	BN068C LED9/CW L900 G2	9.6 W
911401819197	BN068C LED9/NW L900 G2	9.6 W
911401819297	BN068C LED9/WW L900 G2	9.6 W
911401819397	BN068C LED12/CW L1200 G2	13 W
911401819497	BN068C LED12/NW L1200 G2	13 W

Order Code	Full Product Name	Power Consumption
911401819597	BN068C LED12/WW L1200 G2	13 W
911401820297	BN068C LED3/CW L300 TH G2	3.4 W
911401820497	BN068C LED3/WW L300 TH G2	3.4 W
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