



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

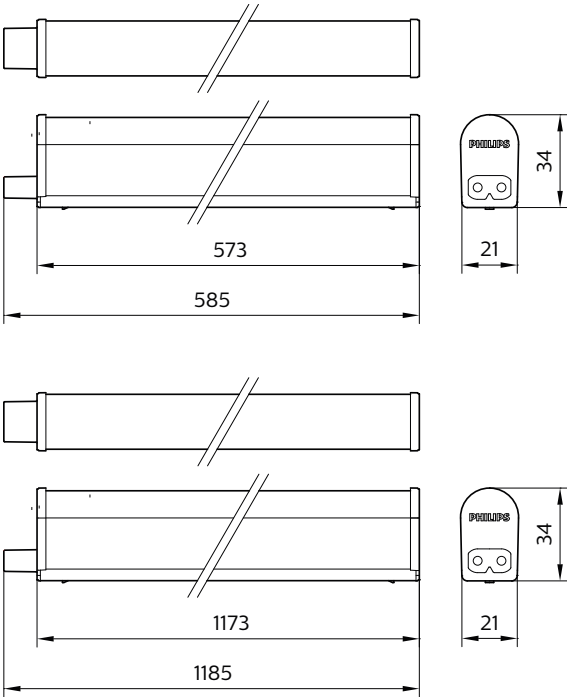
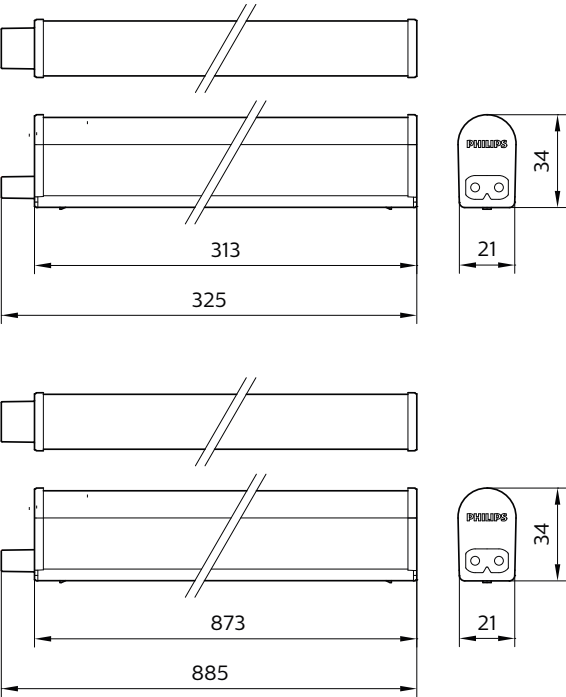
- One piece PC extrusion housing, Single piece integral design for better aesthetics
- Transparent end cap, Enables continuous light line without black spots up to 10pcs
- CRI 80, SDCM < 7, 80lm/W, Superior light quality combined with good energy savings
- Slim profile, Ideal for task lighting / cove 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	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Light Technical	
Color rendering index (CRI)	>80
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate linear
Housing Color	White
Mech. impact protection code	IK00
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
Glow-wire test	Temperature 850 °C, duration 5 s
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<7
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
01818497	BN068C LED3/CW L300 G2	6500 K	88 lm/W	300 lm
01818597	BN068C LED3/NW L300 G2	4000 K	88 lm/W	300 lm
01818697	BN068C LED3/WW L300 G2	3000 K	88 lm/W	300 lm
01818797	BN068C LED6/CW L600 G2	6500 K	92 lm/W	600 lm
01818897	BN068C LED6/NW L600 G2	4000 K	92 lm/W	600 lm
01818997	BN068C LED6/WW L600 G2	3000 K	92 lm/W	600 lm
01819097	BN068C LED9/CW L900 G2	6500 K	94 lm/W	900 lm
01819197	BN068C LED9/NW L900 G2	4000 K	94 lm/W	900 lm
01819297	BN068C LED9/WW L900 G2	3000 K	94 lm/W	900 lm
01819397	BN068C LED12/CW L1200 G2	6500 K	92 lm/W	1,200 lm
01819497	BN068C LED12/NW L1200 G2	4000 K	92 lm/W	1,200 lm
01819597	BN068C LED12/WW L1200 G2	3000 K	92 lm/W	1,200 lm
01820297	BN068C LED3/CW L300 TH G2	6500 K	88 lm/W	300 lm
01820497	BN068C LED3/WW L300 TH G2	3000 K	88 lm/W	300 lm
01820597	BN068C LED6/CW L600 TH G2	6500 K	92 lm/W	600 lm
01820697	BN068C LED6/NW L600 TH G2	4000 K	92 lm/W	600 lm
01820797	BN068C LED6/WW L600 TH G2	3000 K	92 lm/W	600 lm
01820897	BN068C LED9/CW L900 TH G2	6500 K	94 lm/W	900 lm
01820997	BN068C LED9/NW L900 TH G2	4000 K	94 lm/W	900 lm
01821097	BN068C LED9/WW L900 TH G2	3000 K	94 lm/W	900 lm
01821197	BN068C LED12/CW L1200 TH G2	6500 K	92 lm/W	1,200 lm
01821297	BN068C LED12/NW L1200 TH G2	4000 K	92 lm/W	1,200 lm
01821397	BN068C LED12/WW L1200 TH G2	3000 K	92 lm/W	1,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
01818497	BN068C LED3/CW L300 G2	3.4 W
01818597	BN068C LED3/NW L300 G2	3.4 W
01818697	BN068C LED3/WW L300 G2	3.4 W
01818797	BN068C LED6/CW L600 G2	6.5 W
01818897	BN068C LED6/NW L600 G2	6.5 W
01818997	BN068C LED6/WW L600 G2	6.5 W
01819097	BN068C LED9/CW L900 G2	9.6 W
01819197	BN068C LED9/NW L900 G2	9.6 W
01819297	BN068C LED9/WW L900 G2	9.6 W
01819397	BN068C LED12/CW L1200 G2	13 W
01819497	BN068C LED12/NW L1200 G2	13 W
01819597	BN068C LED12/WW L1200 G2	13 W

Order Code	Full Product Name	Power Consumption
01820297	BN068C LED3/CW L300 TH G2	3.4 W
01820497	BN068C LED3/WW L300 TH G2	3.4 W
01820597	BN068C LED6/CW L600 TH G2	6.5 W
01820697	BN068C LED6/NW L600 TH G2	6.5 W
01820797	BN068C LED6/WW L600 TH G2	6.5 W
01820897	BN068C LED9/CW L900 TH G2	9.6 W
01820997	BN068C LED9/NW L900 TH G2	9.6 W
01821097	BN068C LED9/WW L900 TH G2	9.6 W
01821197	BN068C LED12/CW L1200 TH G2	13 W
01821297	BN068C LED12/NW L1200 TH G2	13 W
01821397	BN068C LED12/WW L1200 TH G2	13 W

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