



# 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

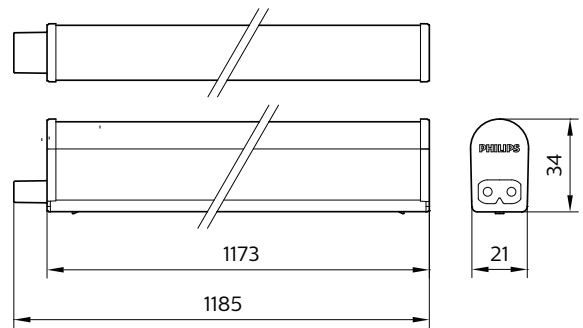
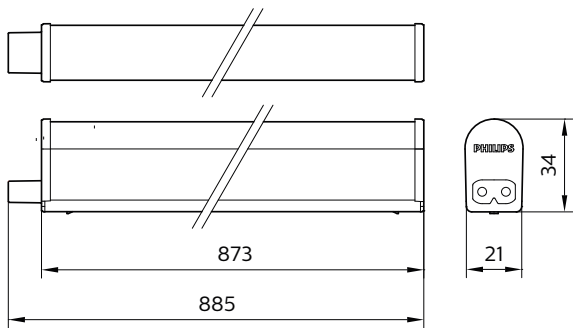
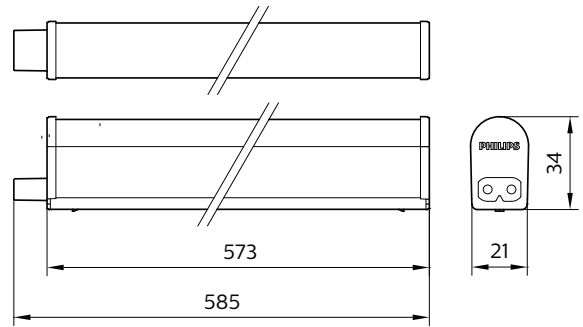
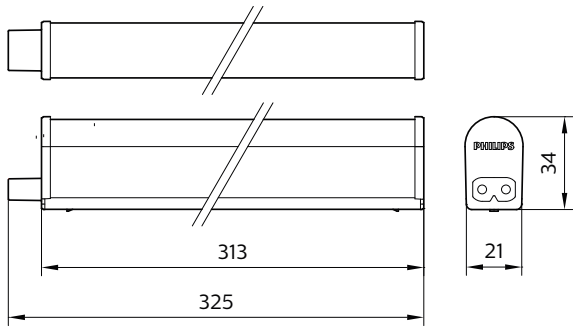
- One piece PC extrusion housing, Single piece integral design for better aesthetics
- Transparent end cap, Enables continuous light line without black spots up to 10pcs
- CRI 80, SDCM < 7, 80lm/W, Superior light quality combined with good energy savings
- Slim profile, Ideal for task lighting / cove 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<br>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        |
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| 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              |

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