



**Philips Essential Smartbright Wide Batten is a slim design and provide flexibility to customer to choose from 3 CCT and 2 wattage options, based on their specific need.**

### **Essential Smartbright Wide Batten BN005C**

Philips Essential smartbright wide batten offers exceptional value. It is Perfect for your everyday lighting installations. Available in 2 standard sizes, it has option of 3 CCTs to suit different requirements.

#### **Benefits**

- 20K Hrs life @L70B50@ta25, 2 Years warranty
- 100 Lm/Watt efficacy
- CCC/CB/CE Certified

# Essential Smartbright Wide Batten BN005C

## Features

- 20K Hrs life @L70B50@ta25, 2 Years warranty
- 2 power output, 3 CCT Option to suit different need
- 100 Lm/Watt
- CRI 80

## Application

- Airports
- Warehouses
- Hospitality

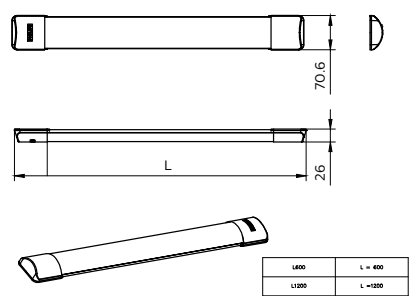
## Versions



BN005 L1200 STD

BN005 L1600 STD

## Dimensional drawing



Essential Smartbright Wide Batten BN005C

| General Information                 |   |
|-------------------------------------|---|
| Driver included                     | Yes   |
| Gear                                | EB  |
| Number of gear units                | 1 unit                                      |
| Light Technical                     |   |
| Beam angle of light source          | 115 degree(s)                               |
| Color rendering index (CRI)         | ≥80   |
| Number of light sources             | 1   |
| Optic type                          | Symmetrical                                 |
| Operating and Electrical            |   |
| Protection class IEC                | Safety class II                             |
| Input Voltage                       | 220 to 240 V                                |
| Line Frequency                      | 50 or 60 Hz                                 |
| Suitable for random switching       | No  |
| Controls and Dimming                |   |
| Dimmable                            | -   |
| Maximum dim level                   | Not applicable                              |
| Mechanical and Housing              |   |
| Optical cover type                  | Opal  |
| Housing Color                       | White                                       |
| Mech. impact protection code        | IK02  |
| Ingress protection code             | IP20  |
| Approval and Application            |   |
| Ambient temperature range           | -20 to +40 °C                               |
| CE mark                             | No  |
| ENEC mark                           | -   |
| Flammability mark                   | For mounting on normally flammable surfaces |
| Glow-wire test                      | Temperature 650 °C, duration 30 s           |
| Initial Performance (IEC Compliant) |   |
| Luminous flux tolerance             | -10% / +10%                                 |

Light Technical

| Order Code   | Full Product Name            | Correlated Color  | Luminous Efficacy |               |
|--------------|------------------------------|-------------------|-------------------|---------------|
|              |                              | Temperature (Nom) | (rated) (Nom)     | Luminous Flux |
| 911401899384 | BN005C LED40/WW L1200 PSU GM | 3000 K            | 95 lm/W           | 3,800 lm      |
| 911401899484 | BN005C LED40/NW L1200 PSU GM | 4000 K            | 100 lm/W          | 4,000 lm      |
| 911401899584 | BN005C LED40/CW L1200 PSU GM | 6500 K            | 100 lm/W          | 4,000 lm      |
| 911401899084 | BN005C LED22/WW L600 PSU GM  | 3000 K            | 105 lm/W          | 1,100 lm      |
| 911401899184 | BN005C LED22/NW L600 PSU GM  | 4000 K            | 110 lm/W          | 2,200 lm      |
| 911401899284 | BN005C LED22/CW L600 PSU GM  | 6500 K            | 110 lm/W          | 2,200 lm      |

Operating and Electrical

| Order Code   | Full Product Name            | Power Consumption |
|--------------|------------------------------|-------------------|
| 911401899384 | BN005C LED40/WW L1200 PSU GM | 40 W              |
| 911401899484 | BN005C LED40/NW L1200 PSU GM | 40 W              |
| 911401899584 | BN005C LED40/CW L1200 PSU GM | 40 W              |

| Order Code   | Full Product Name           | Power Consumption |
|--------------|-----------------------------|-------------------|
| 911401899084 | BN005C LED22/WW L600 PSU GM | 20 W              |
| 911401899184 | BN005C LED22/NW L600 PSU GM | 20 W              |
| 911401899284 | BN005C LED22/CW L600 PSU GM | 20 W              |

Initial Performance (IEC Compliant)

| Order Code   | Full Product Name            | Initial chromaticity |
|--------------|------------------------------|----------------------|
| 911401899384 | BN005C LED40/WW L1200 PSU GM | (0.43, 0.40) SDCM≤6  |

| Order Code   | Full Product Name            | Initial chromaticity |
|--------------|------------------------------|----------------------|
| 911401899484 | BN005C LED40/NW L1200 PSU GM | (0.38, 0.38) SDCM≤6  |

# Essential Smartbright Wide Batten BN005C

| Order Code   | Full Product Name            | Initial chromaticity |
|--------------|------------------------------|----------------------|
| 911401899584 | BN005C LED40/CW L1200 PSU GM | (0.31, 0.33) SDCM≤6  |
| 911401899084 | BN005C LED22/WW L600 PSU GM  | (0.43, 0.40) SDCM≤6  |

| Order Code   | Full Product Name           | Initial chromaticity |
|--------------|-----------------------------|----------------------|
| 911401899184 | BN005C LED22/NW L600 PSU GM | (0.38, 0.38) SDCM≤6  |
| 911401899284 | BN005C LED22/CW L600 PSU GM | (0.31, 0.33) SDCM≤6  |

