



**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

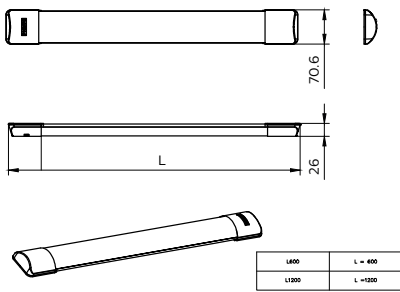
## Features

- 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

## 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  |

