PHILIPS

**BN005C LED40/NW L1200 PSU GM**

911401899484



# Essential Smartbright Wide Batten BN005C, 40 W, 4000 lm, 4000 K, Symmetrical

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.

## General Information

| | |
|---|---|
| Number of gear units | 1 unit |
| Gear | EB [Electronic] |
| Driver included | Yes |
| Light source engine type | LED |
| Value ladder | Value |
| Warranty period | 2 years |

## Light Technical

| | |
|---|---|
| Luminous Flux | 4,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 115 degree(s) |
| Light source color | 840 neutral white |
| Optic type | Symmetrical |
| Luminaire light beam spread | 115° |
| Unified glare rating CEN | Not applicable |
| Effective projected area | 0.75 m² |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 39 A |
| Inrush time | 0.026 ms |
| Power Consumption | 40 W |
| Power Factor (Fraction) | 0.9 |
| Connection | - |
| Cable | Cable 0.2 m without plug |

| | |
|---|---|
| Number of products on MCB of 16 A type B | 48 |
| Suitable for random switching | No |
| Protection class IEC | Safety class II |

## Controls and Dimming

| | |
|---|---|
| Dimmable | - |
| Control interface | - |
| Maximum dim level | Not applicable |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Polycarbonate |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | White |
| Mounting device | Mounting bracket |
| Optical cover finish | - |
| Overall length | 1,200 mm |
| Overall width | 70 mm |
| Overall height | 27 mm |
| Dimensions (Height x Width x Depth) | 27 x 70 x 1200 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Optical cover type | Opal |
| Net Weight (Piece) | 0.250 kg |

## Approval and Application

| | |
|---|---|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | No |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -20 to +40 °C |

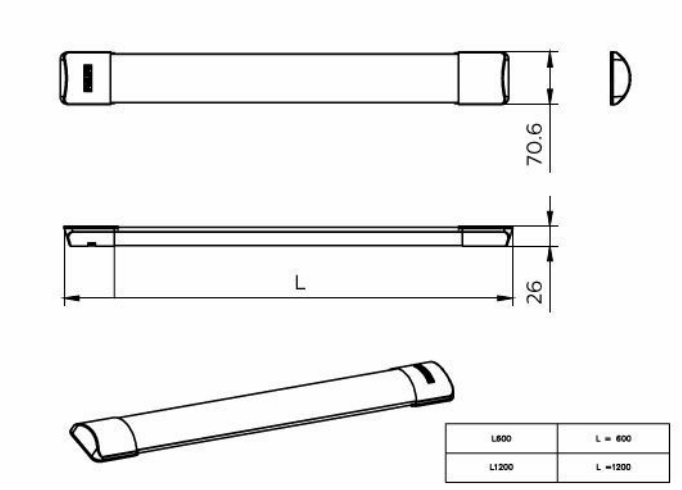
## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | -10% / +10% |
| Initial chromaticity | (0.38, 0.38) SDCM≤6 |
| Power consumption tolerance | +/-10% |

## Product Data

| | |
|---|---|
| Order product name | BN005C LED40/NW L1200 PSU GM |
| Full product name | BN005C LED40/NW L1200 PSU GM |
| Full product code | 871951496190699 |
| Order code | 911401899484 |
| Material Nr. (12NC) | 911401899484 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514961906 |
| Numerator - Packs per outer box | 40 |
| EAN/UPC - Case | 8719514962026 |

## Dimensional drawing




## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Installation Instructions | ESB-BN005C-MI.pdf | Download |

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | BN005C-LED40-NW-L1200-PSU.ies | Download |

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