PHILIPS

**BN068C LED9/CW L900 G2**

911401819097



# Essential Smartbright LED Batten, 9.6 W, 900 lm, 6500 K, Wide beam

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

## General Information

| | |
|---|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Value ladder | Value |
| Warranty period | 1 years |

## Light Technical

| | |
|---|---|
| Luminous Flux | 900 lm |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 94 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | Cool white |
| Optic type | Wide beam |
| Luminaire light beam spread | 140° |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 9.6 W |
| Power Factor (Fraction) | 0.5 |
| Connection | Flying leads/wires |
| Cable | Cable without plug 2-pole |
| Number of products on MCB of 16 A type B | 10 |
| Protection class IEC | Safety class II |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

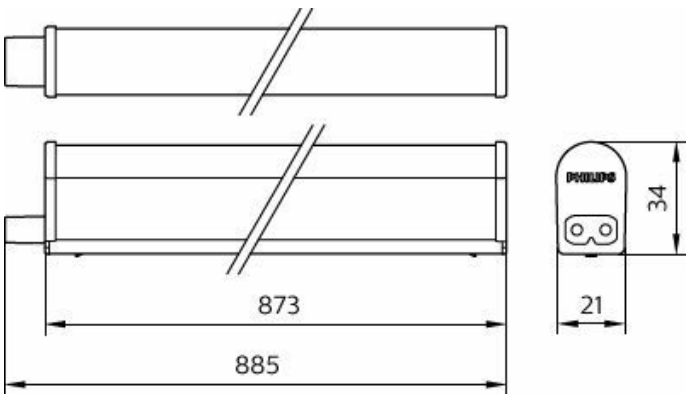
## Mechanical and Housing

| | |
|---|---|
| Housing Material | Polyamide |
| Optic material | Polycarbonate |
| Optical cover material | Polyamide |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Clear |
| Overall length | 885 mm |
| Overall width | 21 mm |
| Overall height | 34.2 mm |
| Dimensions (Height x Width x Depth) | 34 x 21 x 885 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK00 [No protection] |
| Optical cover type | Polycarbonate linear |
| Net Weight (Piece) | 0.125 kg |

## Approval and Application

| | |
|---|---|
| Glow-wire test | Temperature 850 °C, duration 5 s |
| CE mark | No |
| EU RoHS compliant | Yes |
| Ambient temperature range | -20 to +40 °C |

## Dimensional drawing




## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | SDCM<7 |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Median useful life L70B50 | 20,000 hour(s) |

## Product Data

| | |
|---|---|
| Order product name | BN068C LED9/CW L900 G2 |
| Full product name | BN068C LED9/CW L900 G2 |
| Full product code | 911401819097 |
| Order code | 911401819097 |
| Material Nr. (12NC) | 911401819097 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8710163310442 |
| Numerator - Packs per outer box | 24 |
| EAN/UPC - Case | 8710163310749 |

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Installation Instructions | Essential_SmartBright_LED_batten_G2-BN068C-INI.pdf | Download |

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