PHILIPS

Lighting

# SmartBright LED Batten G2

## BN012C LED20/WW L1200 G2

SmartBright LED Batten G2, 20 W, 2000 lm, 3000 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

### Product data

| General Information | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Glow-wire test** | Temperature 650 °C, duration 5 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 2,000 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 100 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Light source color** | Warm white |
| **Optic type** | Wide beam |
| **Optical cover type** | Polycarbonate linear |
| **Luminaire light beam spread** | 140° |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Power Consumption** | 20 W |
| **Power Factor (Fraction)** | 0.8 |
| **Connection** | Flying leads/wires |
| **Cable** | Cable without plug 2-pole |
| **Number of products on MCB of 16 A type B** | 10 |

| Temperature | |
|---|---|
| **Ambient temperature range** | +20 to +35 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

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| | |
|---|---|
| **Driver/power unit/transformer** | Power supply unit (On/Off) |
| **Control interface** | - |
| **Constant light output** | No |

## 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** | 1,200 mm |
| **Overall width** | 30 mm |
| **Overall height** | 37 mm |
| **Dimensions (Height x Width x Depth)** | 37 x 30 x 1200 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP20 [Finger-protected] |
| **Mech. impact protection code** | IK00 [No protection] |
| **Protection class IEC** | Safety class II |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | SDCM<6 |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Median useful life L70B50** | 25,000 hour(s) |

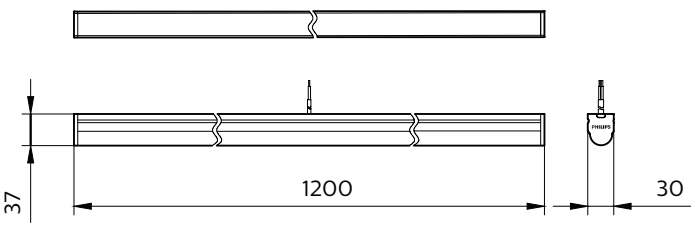
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | Not applicable |

## Product Data

| | |
|---|---|
| **Order product name** | BN012C LED20/WW L1200 G2 |
| **Full product name** | BN012C LED20/WW L1200 G2 |
| **Full product code** | 911401806697 |
| **Order code** | 911401806697 |
| **Material Nr. (12NC)** | 911401806697 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8710163308029 |
| **Numerator - Packs per outer box** | 25 |
| **EAN/UPC - Case** | 8710163308326 |

## Dimensional drawing

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