PHILIPS

# SmartBright LED Batten G2

BN013C



## An Easier Way to More Savings

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

### Benefits

- More slim: One piece PC extrusion housing
- Easier for installation: Central and side cable entry
- More types: Interconnectable version – Turnkable version added BN013C (NEW)

### Applications

- General lighting, indoor
- Indoor car park, industry, shop, office, school
- Long distance linear lighting

### Features

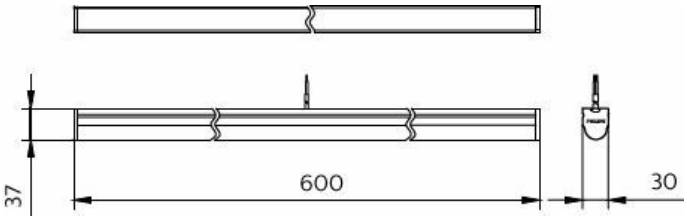
- One piece PC extrusion housing: Single piece Integral design for better aesthetics
- Central and side cable entry Ready solution for both new point and replacement
- Newly designed male/female socket Enables continuous light line
- 2,000lm@4ft and 1,000lm@2ft Greater brightness
- CRI 80, SDCM <6, 100lm/W Superior light quality combined with good energy savings
- Uniform Light Optimal optical design to ensure no spottiness
- L70 25k hours Reliable long lasting solution

## Versions

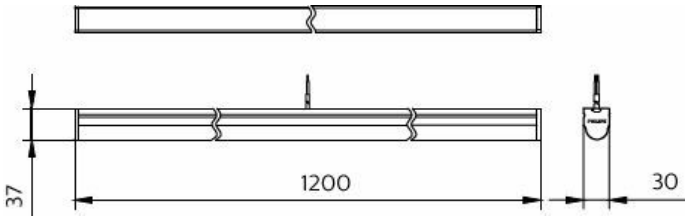


SmartBright LED batten G2
BN012C

## Dimensional drawing




BN012C LED10 L600 G2




BN012C LED20 L1200 G2

## Product details



SmartBright LED batten G2
BN012C middle




SmartBright LED batten G2
BN012C side

### General Information

| | |
|---|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |

### Light Technical

| | |
|---|---|
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Optic type | Wide beam |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Protection class IEC | Safety class II |

### Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Maximum dim level | Not applicable |

### Mechanical and Housing

| | |
|---|---|
| Housing Color | White |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK00 [No protection] |
| Optical cover type | Polycarbonate linear |

### Approval and Application

| | |
|---|---|
| CE mark | Yes |

### Initial Performance (IEC Compliant)

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

## Light Technical

| Order Code | Full Product Name | Luminous Flux | Correlated Color Temperature (Nom) |
|---|---|---|---|
| 911401806797 | BN012C LED20/NW L1200 G2 | 2,000 lm | 4000 K |
| 911401806897 | BN012C LED20/CW L1200 G2 | 2,000 lm | 6500 K |
| 911401807097 | BN012C LED10/NW L600 G2 | 1,000 lm | 4000 K |
| 911401807197 | BN012C LED10/CW L600 G2 | 1,000 lm | 6500 K |
| 911401807297 | BN012C LED20/WW L1200 TH G2 | 2,000 lm | 3000 K |
| 911401807397 | BN012C LED20/NW L1200 TH G2 | 2,000 lm | 4000 K |
| 911401807497 | BN012C LED20/CW L1200 TH G2 | 2,000 lm | 6500 K |
| 911401807797 | BN012C LED10/CW L600 TH G2 | 1,000 lm | 6500 K |
| 911401808097 | BN012C LED20/CW L1200 AU G2 | 2,000 lm | 6500 K |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 911401806797 | BN012C LED20/NW L1200 G2 | 20 W |
| 911401806897 | BN012C LED20/CW L1200 G2 | 20 W |
| 911401807097 | BN012C LED10/NW L600 G2 | 10 W |
| 911401807197 | BN012C LED10/CW L600 G2 | 10 W |
| 911401807297 | BN012C LED20/WW L1200 TH G2 | 20 W |
| 911401807397 | BN012C LED20/NW L1200 TH G2 | 20 W |
| 911401807497 | BN012C LED20/CW L1200 TH G2 | 20 W |
| 911401807797 | BN012C LED10/CW L600 TH G2 | 10 W |
| 911401808097 | BN012C LED20/CW L1200 AU G2 | 20 W |

## Approval and Application

| Order Code | Full Product Name | Glow-wire test | Ambient temperature range |
|---|---|---|---|
| 911401806797 | BN012C LED20/NW L1200 G2 | Temperature 750 °C, duration 5 s | +20 to +35 °C |
| 911401806897 | BN012C LED20/CW L1200 G2 | Temperature 650 °C, duration 5 s | +20 to +35 °C |
| 911401807097 | BN012C LED10/NW L600 G2 | Temperature 660 °C, duration 5 s | +10 to +35 °C |
| 911401807197 | BN012C LED10/CW L600 G2 | Temperature 660 °C, duration 5 s | +10 to +35 °C |
| 911401807297 | BN012C LED20/WW L1200 TH G2 | Temperature 650 °C, duration 5 s | +20 to +35 °C |
| 911401807397 | BN012C LED20/NW L1200 TH G2 | Temperature 650 °C, duration 5 s | +20 to +35 °C |
| 911401807497 | BN012C LED20/CW L1200 TH G2 | Temperature 650 °C, duration 5 s | +20 to +35 °C |
| 911401807797 | BN012C LED10/CW L600 TH G2 | Temperature 650 °C, duration 5 s | +20 to +35 °C |
| 911401808097 | BN012C LED20/CW L1200 AU G2 | Temperature 750 °C, duration 5 s | +20 to +35 °C |

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