

# Ledinaire Batten

## BN013C LED19S/830 L1200

830 warm white

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with high Philips quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need. Both integrated (BN012C) and TLED-based (BN060C) versions are available

### Product data

| General Information | |
|---|---|
| **Beam angle of light source** | - ° |
| **Light source colour** | 830 warm white |
| **Cap base** | G13 [ Medium Bi-Pin Fluorescent] |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver/power unit/transformer** | PSU [ Power supply unit] |
| **Driver included** | Yes |
| **Optic type** | VWB [ Very wide beam] |
| **Luminaire light beam spread** | 154° |
| **Control interface** | - |
| **Connection** | Push-in connector 2-pole |
| **Cable** | - |
| **Protection class IEC** | Safety class II |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **Flammability mark** | F [ For mounting on normally flammable surfaces] |
| **CE mark** | CE mark |
| **ENEC mark** | - |
| **Warranty period** | 5 years |
| **Constant light output** | No |

| | |
|---|---|
| **Number of products on MCB** | 10 |
| **Unified glare rating CEN** | 26 |

| Operating and Electrical | |
|---|---|
| **Input voltage** | 220 to 240 V |
| **Input frequency** | 50 or 60 Hz |
| **Initial CLO power consumption** | - W |
| **Average CLO power consumption** | - W |
| **Inrush current** | 4.66 A |
| **Inrush time** | 0.043 ms |
| **Power factor (min.)** | 0.9 |

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

| Mechanical and Housing | |
|---|---|
| **Housing material** | Polycarbonate |
| **Reflector material** | Polycarbonate |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | Polycarbonate |

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| | |
|---|---|
| **Fixation material** | - |
| **Optical cover/lens finish** | Opal |
| **Overall length** | 1212 mm |
| **Overall width** | 30 mm |
| **Overall height** | 36.5 mm |
| **Colour** | White |
| **Dimensions (height x width x depth)** | 37 x 30 x 1212 mm (1.4 x 1.2 x 47.7 in) |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP20 [ Finger-protected] |
| **Mech. impact protection code** | IK02 [ 0.2 J standard] |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux** | 1880 lm |
| **Luminous flux tolerance** | +/-10% |
| **Initial LED luminaire efficacy** | 100 lm/W |
| **Init. Corr. colour temperature** | 3000 K |
| **Init. colour rendering index** | ≥80 |
| **Initial chromaticity** | 0.4282, 0.3979, SDCM≤5 |
| **Initial input power** | 20 W |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Control gear failure rate at median useful life 50,000 h** | 7.50 % |
| **Lumen maintenance at median useful life* 50,000 h** | L65 |

## Application Conditions

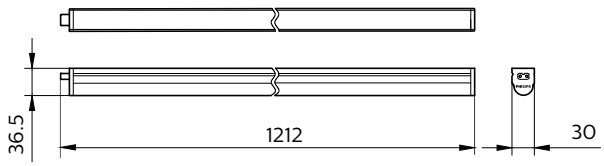
| | |
|---|---|
| **Ambient temperature range** | -20 to +35 °C |
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dimming level** | Not applicable |
| **Suitable for random switching** | Not applicable |

## Product Data

| | |
|---|---|
| **Full product code** | 871016334959699 |
| **Order product name** | BN013C LED19S/830 L1200 |
| **EAN/UPC – product** | 8710163349596 |
| **Order code** | 34959699 |
| **Numerator – quantity per pack** | 1 |
| **Numerator – packs per outer box** | 25 |
| **Material no. (12NC)** | 911401836480 |
| **Net weight (piece)** | 0.280 kg |




## Dimensional drawing




**Batten BN060C**




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2020, January 16 - data subject to change