



# **Ledinaire Batten**

# BN013C LED20S/840 L1200

Ledinaire Batten, 20 W, L1200 mm, 2000 lm, 4000 K, Opal, IP20, TW1-ready

The Ledinaire batten (BNO21C) range contains a selection of popular off-the-shelf batten LED luminaires that come with Philips high-quality levels at a competitive price. Reliable, energy-efficient and affordable. Ledinaire enables, simple and flexible installation, with a light-line creation option.

#### **Product data**

| General Information      |   |
|--------------------------|---|
| Cap base                 | G13 [Medium Bi-Pin Fluorescent]           |
| Light source replaceable | No  |
| Number of gear units     | Unit                                      |
| Driver included          | Yes                                       |
| Feed-through wiring      | Simple connection and removable cover     |
|                          | available for feed-through wiring 1-phase |
|                          | (internal wiring is not included)         |
| Lighting Technology      | LED                                       |
| Value ladder             | Value                                     |
| CE mark                  | Yes                                       |
| Warranty period          | 5 years                                   |
| Flammability mark        | For mounting on normally flammable        |
|                          | surfaces                                  |
| ENEC mark                | -   |
| Glow-wire test           | Temperature 650 °C, duration 30 s         |
| EU RoHS compliant        | Yes                                       |
|                          |   |
|                          |   |

| Light Technical                       |                   |
|---------------------------------------|-------------------|
| Luminous Flux                         | 2,000 lm          |
| Correlated Colour Temperature         | 4000 K            |
| Luminous efficacy (rated) (nom.)      | 100 lm/W          |
| Colour rendering index (CRI)          | ≥80               |
| Beam angle of light source            | - degree(s)       |
| Light source colour                   | 840 neutral white |
| Optic type                            | Very wide beam    |
| Luminaire light beam spread           | 154°              |
| Unified Glare Rating (CEN)            | 26                |
|                                       |                   |
| Operating and Electrical              |                   |
| Input Voltage                         | 220 to 240 V      |
| Line 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 Consumption                     | 20 W              |
| · · · · · · · · · · · · · · · · · · · |                   |

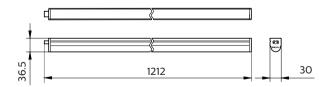
Datasheet, 2023, April 30 data subject to change

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| Power Factor (Fraction)                  | 0.9                        |
|--|----------------------------|
| Connection                               | Push-in connector 2-pole   |
| Cable                                    | -                          |
| Number of products on MCB of 16 A type B | 10                         |
|  |                            |
| Temperature                              |                            |
| Ambient temperature range                | -20 to +35 ℃               |
| Controls and Dimming                     |                            |
| Dimmable                                 | No                         |
| Driver/power unit/transformer            | Power supply unit (On/Off) |
| Constant light output                    | No                         |
| Mechanical and Housing                   |                            |
| Housing material                         | Polycarbonate              |
| Reflector material                       | Polycarbonate              |
| Optic material                           | Polycarbonate              |
| Optical cover/lens material              | Polycarbonate              |
| Fixation material                        | -                          |
| Housing Colour                           | White                      |
| Optical cover/lens finish                | Opal                       |
| Overall length                           | 1,212 mm                   |
| Overall width                            | 30 mm                      |
| Overall height                           | 36.5 mm                    |
| Dimensions (height x width x depth)      | 37 x 30 x 1212 mm          |
| Approval and Application                 |                            |
| Ingress protection code                  | IP20 [Finger-protected]    |
| Mech. impact protection code             | IKO2 [0.2 J standard]      |
| Protection class IEC                     | Safety class II            |
|  |                            |

| Initial Performance (IEC Compliant)        |                         |  |
|--|-------------------------|--|
| Luminous flux tolerance                    | +/-10%                  |  |
| Initial chromaticity                       | 0.3738, 0.3728, SDCM≤5  |  |
| Power consumption tolerance                | +/-10%                  |  |
|  |                         |  |
| Over Time Performance (IEC Compliant)      |                         |  |
| Driver failure rate at 5,000 hours         | 1%                      |  |
| Control gear failure rate at median useful | 7.50 %                  |  |
| life 50,000 h                              |                         |  |
| Lumen maintenance at median useful life*   | L65                     |  |
| 50,000 h                                   |                         |  |
|  |                         |  |
| Application Conditions                     |                         |  |
| Performance ambient temperature Tq         | 25 ℃                    |  |
| Maximum dim level                          | Not applicable          |  |
| Suitable for random switching              | Not applicable          |  |
|  |                         |  |
| Product Data                               |                         |  |
| Order product name                         | BN013C LED20S/840 L1200 |  |
| Full product name                          | BN013C LED20S/840 L1200 |  |
| Full EOC                                   | 871016334958999         |  |
| Order code                                 | 34958999                |  |
| Material no. (12 NC)                       | 911401836380            |  |
| SAP numerator – quantity per pack          | 1                       |  |
| EAN/UPC — Product/Case                     | 8710163349589           |  |
| Numerator – packs per outer box            | 25                      |  |
| EAN/UPC - Case                             | 8710163349701           |  |
|  | ·                       |  |

## Dimensional drawing



### **Ledinaire Batten**



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