

# **Essential Smartbright LED Batten**

## BN068C LED12/CW L1200 TH G2

Essential Smartbright LED Batten, 13 W, 1200 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

#### **Product data**

| General Information  |                                  |
|--|----------------------------------|
| Light source replaceable   | No                               |
| Number of gear units   | 1 unit                           |
| Driver included  | Yes                              |
| Light source engine type   | LED                              |
| CE mark  | -                                |
| Warranty period  | 1 years                          |
| Glow-wire test   | Temperature 850 °C, duration 5 s |
| EU RoHS compliant  | Yes                              |
|  |                                  |
| ·  |                                  |
| Light Technical  |                                  |
| Light Technical Luminous Flux  | 1,200 lm                         |
|  | 1,200 lm<br>6500 K               |
| Luminous Flux  |                                  |
| Luminous Flux  Correlated Color Temperature (Nom)                                  | 6500 K                           |
| Luminous Flux  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom) | 6500 K<br>92 lm/W                |

| 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                        | 13 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                        |
|  |                           |
| Temperature                              |                           |
| Ambient temperature range                | -20 to +40 ℃              |
|  |                           |

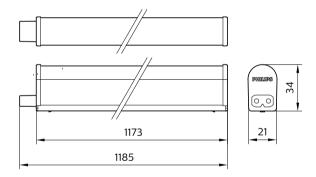
Datasheet, 2023, December 13 data subject to change

# **Essential Smartbright LED Batten**

| Controls and Dimming                |                            |
|-------------------------------------|----------------------------|
| Dimmable                            | No                         |
| 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                      | 1,185 mm                   |
| Overall width                       | 21 mm                      |
| Overall height                      | 34.2 mm                    |
| Dimensions (Height x Width x Depth) | 34 x 21 x 1185 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<7                      |
| Power consumption tolerance           | +/-10%                      |
|                                       |                             |
| Over Time Performance (IEC Compliant) |                             |
| Median useful life L70B50             | 20,000 hour(s)              |
|                                       |                             |
| Application Conditions                |                             |
| Maximum dim level                     | Not applicable              |
|                                       |                             |
| Product Data                          |                             |
| Order product name                    | BN068C LED12/CW L1200 TH G2 |
| Full product name                     | BN068C LED12/CW L1200 TH G2 |
| Full product code                     | 911401821197                |
| Order code                            | 911401821197                |
| Material Nr. (12NC)                   | 911401821197                |
| Numerator - Quantity Per Pack         | 1                           |
| EAN/UPC - Product/Case                | 8710163310657               |
| Numerator - Packs per outer box       | 24                          |
| EAN/UPC - Case                        | 8710163310954               |
|                                       |                             |

### Dimensional drawing





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