



# Essential Smartbright LED Batten

## BN017C LED30/840 2ft

Essential Smartbright LED Batten, 30 W, 3000 lm, 4000 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                |                   | Optic type                               |                          |
|------------------------------------|-------------------|--|--------------------------|
| Number of gear units               | 1 unit            |  | Wide beam                |
| Gear                               | -                 | Luminaire light beam spread              | 110°                     |
| Driver included                    | Yes               | Unified glare rating CEN                 | 30                       |
| Light source engine type           | LED               | Operating and Electrical                 |                          |
| Value ladder                       | Value             | Input Voltage                            | 220 V                    |
| Warranty period                    | 1 years           | Line Frequency                           | 60 Hz                    |
| Light Technical                    |                   | Inrush current                           | 29 A                     |
| Luminous Flux                      | 3,000 lm          | Inrush time                              | 0.28 ms                  |
| Correlated Color Temperature (Nom) | 4000 K            | Power Consumption                        | 30 W                     |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W          | Power Factor (Fraction)                  | 0.5                      |
| Color rendering index (CRI)        | 80                | Connection                               | Flying leads/wires       |
| Number of light sources            | 1                 | Cable                                    | Cable 0.3 m without plug |
| Beam angle of light source         | 110 degree(s)     | Number of products on MCB of 16 A type B | 17                       |
| Light source color                 | 840 neutral white | Suitable for random switching            | Not applicable           |

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|                      |                 |
|----------------------|-----------------|
| Protection class IEC | Safety class II |
|----------------------|-----------------|

## Controls and Dimming

|                   |                |
|-------------------|----------------|
| Dimmable          | -              |
| Control interface | -              |
| Maximum dim level | Not applicable |

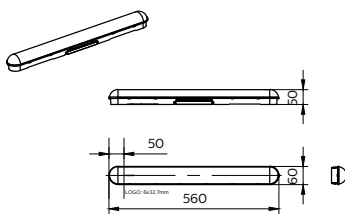
## Mechanical and Housing

|                                     |                      |
|-------------------------------------|----------------------|
| Housing Material                    | Polypropylene        |
| Reflector material                  | -                    |
| Optic material                      | Polypropylene        |
| Optical cover material              | Polypropylene        |
| Housing Color                       | White                |
| Mounting device                     | Mounting bracket     |
| Optical cover finish                | Opal                 |
| Overall length                      | 560 mm               |
| Overall width                       | 60 mm                |
| Overall height                      | 50 mm                |
| Dimensions (Height x Width x Depth) | 50 x 60 x 560 mm     |
| Ingress protection code             | IP20 [No protection] |
| Mech. impact protection code        | IK03 [0.3 J]         |
| Optical cover type                  | Opal                 |
| Net Weight (Piece)                  | 0.240 kg             |

## Approval and Application

|                   |   |
|-------------------|---|
| Glow-wire test    | Temperature 650 °C, duration 30 s           |
| Flammability mark | For mounting on normally flammable surfaces |

## Dimensional drawing



|                                    |  |
|------------------------------------|--|
| CE mark                            | No   |
| ENEC mark                          | -  |
| Photobiological risk               | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m  |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 25 °C  |
| Ambient temperature range          | -20 to +40 °C                                  |

## Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.38, 0.38) SDCM<7 |
| Power consumption tolerance | +/-10%              |

## Product Data

|                                 |                      |
|---------------------------------|----------------------|
| Order product name              | BN017C LED30/840 2ft |
| Full product name               | BN017C LED30/840 2ft |
| Full product code               | 872016975107199      |
| Order code                      | 911401805987         |
| Material Nr. (12NC)             | 911401805987         |
| Numerator - Quantity Per Pack   | 1                    |
| EAN/UPC - Product/Case          | 8720169751071        |
| Numerator - Packs per outer box | 30                   |
| EAN/UPC - Case                  | 8720169751132        |

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