



# Smartbright BN100 Batten

## BN100C LED40S-6500 PSU L120 GR

High performance LED batten, can replace 2x40W conventional batten suitable for Classroom, hostel room, corridor, small shops, community center, club, small warehouse lighting applications.

### Warnings and Safety

- Meant for use in Indoor environment only

### Product data

| General Information                |   |
|------------------------------------|---|
| Driver included                    | Yes   |
| Light source engine type           | LED   |
| Warranty period                    | 3 years                                     |
| Flammability mark                  | For mounting on normally flammable surfaces |
|                                    |   |
| Light Technical                    |   |
| Luminous Flux                      | 4,000 lm                                    |
| Correlated Color Temperature (Nom) | 6500 K                                      |
| Luminous Efficacy (rated) (Nom)    | 105 lm/W                                    |
| Color rendering index (CRI)        | >80   |
| Beam angle of light source         | 120 degree(s)                               |
| Light source color                 | 865 cool daylight                           |
| Optic type                         | -   |
| Optical cover type                 | Polycarbonate                               |
| Luminaire light beam spread        | 120°  |
|                                    |   |
| Operating and Electrical           |   |
| Input Voltage                      | 220-240 V                                   |

| Line Frequency            | 50 Hz  |
|---------------------------|--|
| Power Consumption         | 40 W   |
| Power Factor (Fraction)   | 0.9  |
|                           |  |
| Temperature               |  |
| Ambient temperature range | 0 to +45 °C                                      |
|                           |  |
| Controls and Dimming      |  |
| Dimmable                  | No   |
| Control interface         | -  |
|                           |  |
| Mechanical and Housing    |  |
| Housing Material          | Aluminum Alloy                                   |
| Optic material            | Polycarbonate                                    |
| Optical cover material    | Polycarbonate                                    |
| Housing Color             | Aluminum and gray                                |
| Mounting device           | Click Fix Mounting bracket (Surface & Suspended) |
| Overall length            | 1,127 mm   |

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|                                     |                   |
|-------------------------------------|-------------------|
| Overall width                       | 40 mm             |
| Overall height                      | 46 mm             |
| Dimensions (Height x Width x Depth) | 46 x 40 x 1127 mm |
| Material                            | Aluminum          |

Approval and Application

|  |                         |
|--|-------------------------|
| Ingress protection code                | IP20 [Finger-protected] |
| Mech. impact protection code           | IK02 [0.2 J standard]   |
| Surge Protection (Common/Differential) | 2.5 kV                  |
| Protection class IEC                   | Safety class II         |

Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

Over Time Performance (IEC Compliant)

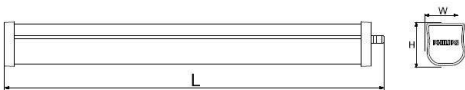
|                           |                |
|---------------------------|----------------|
| Median useful life L70B50 | 30,000 hour(s) |
|---------------------------|----------------|

Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | BN100C LED40S-6500 PSU L120 GR |
| Full product name               | BN100C LED40S-6500 PSU L120 GR |
| Order code                      | 919515811980                   |
| Material Nr. (12NC)             | 919515811980                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 6                              |

Dimensional drawing

Dimensions



| Type | Dimensions (mm) |    |    |
|------|-----------------|----|----|
|      | L               | W  | H  |
| -4ft | 1127            | 40 | 46 |

|                     |
|---------------------|
| Product: GreenBay   |
| Type: BY400V        |
| Application: Indoor |

