

# Endura Next Batten

## BN308C LED40S-6500 L120 PSD WH

With Philips Endura Next, customers have an industrial batten lighting solution that makes a valuable contribution to the profitability of their business, providing both operational and maintenance cost savings. By significantly reducing the energy consumption, this solution contributes to a lower carbon footprint. At the same time, the luminaire design ensures flicker free, consistent light output for the lifetime (50K hrs.), thereby guaranteeing the optimal working conditions for employees. It enhances productivity as well as takes care of safety of the employees. This unique solution comes with a wide range of intelligent (DALI, PIR movement detection) and networkable options such as Interact IoT enabled platform (both in Wired & Wireless options). No matter what your requirement is “Endura Next” comes with endless possibilities in this era of connected lighting and is specifically designed to minimize downtime in operations.

### Warnings and Safety

- Meant for use in Indoor environment only

### Product data

| General Information         |  | Material                 |           |
|-----------------------------|--|--------------------------|-----------|
| Beam angle of light source  | 120 °  |                          | Steel     |
| Light source color          | 865 cool daylight                                | Light source engine type | LED       |
| Driver included             | Yes  | Operating and Electrical |           |
| Optic type                  | 120 [ Beam angle 120°]                           | Input Voltage            | 140-270 V |
| Optical cover/lens type     | Polycarbonate                                    | Input Frequency          | 50 Hz     |
| Luminaire light beam spread | 120°   | Power Factor (Min)       | 0.95      |
| Control interface           | DALI   | Controls and Dimming     |           |
| Protection class IEC        | Safety class I (I)                               | Dimmable                 | Yes       |
| Flammability mark           | F [ For mounting on normally flammable surfaces] |                          |           |
| Warranty period             | 2 years  |                          |           |

# Endura Next Batten

## Mechanical and Housing

|                             |   |
|-----------------------------|---|
| Housing Material            | Steel                                       |
| Optic material              | Polycarbonate                               |
| Optical cover/lens material | Polycarbonate                               |
| Mounting device             | Surface & Suspended (Asymmetric/ Symmetric) |
| Color                       | White                                       |

## Approval and Application

|  |                                   |
|--|-----------------------------------|
| Ingress protection code                | IP20 [ Finger-protected]          |
| Mech. impact protection code           | IK02 [ 0.2 J standard]            |
| Surge Protection (Common/Differential) | Surge protection level until 4 kV |

## Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 4000 lm  |
| Initial LED luminaire efficacy      | 120 lm/W |
| Init. Corr. Color Temperature       | 6500 K   |
| Init. Color Rendering Index         | >80      |
| Initial chromaticity                | <5       |
| Initial input power                 | 34 W     |

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

## Over Time Performance (IEC Compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

## Application Conditions

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +45 °C |
|---------------------------|-------------|

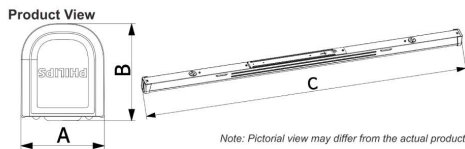
## Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | BN308C LED40S-6500 L120 PSD WH |
| Order code                      | 919515812670                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 6                              |
| Material Nr. (12NC)             | 919515812670                   |
| Net Weight (Piece)              | 1.400 kg                       |



## Dimensional drawing

Product: Endura Next Batten  
Type: BN308C  
Application: Indoor



Note: Pictorial view may differ from the actual product.

Indoor Luminaires

