PHILIPS

Endura Next Batten

7480705



Next generation system ready intelligent batten

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.

Benefits

- Advance technology that fits with the customer needs
- Option of multiple optics and lumen packages providing application flexibility
- System ready IOT enabled solutions making it suitable for connected industrial offerings
- Superior energy efficiency provides excellent total cost of opportunity
- High quality material and design leads to longer life class for luminaire
- Easy installation with standard tools

Applications

- Indoor Parking Garages
- Retail
- Warehouses
- Factory
- Assembly Lines
- Metro
- Supermarket

Features

- Flicker Free (Ripple < 5%)
- System ready solutions (Interact Wired/Wireless & DALI)
- Movement Detection With inbuilt PIR Sensor with Dimming possibilities
- IoT Enabled. (Interact Wired/Wireless, DALI, PIR)
- System Efficacy > 120 lm/w
- Available in 2000/4000/6000 Lumen
- Available in 2ft and 4ft
- Choice of color temperature –6500K/4000K
- Suitable for Surface/ Suspended application
- Designed for energy savings of up to 58% Vs conventional lighting
- Long Life 50K hrs. L70B50
- Surge Protection - 4 KV
- THD: < 10%
- Over Voltage Cut-off@ 320V with auto restart feature
- Uniform lighting color quality CRI >80
- Broader end caps and lesser number of openings to enhance protection against foreign objects
- High transmittivity PC diffuser
- CRCA housing enhances safety
- Meant for use in Indoor environment only

Versions

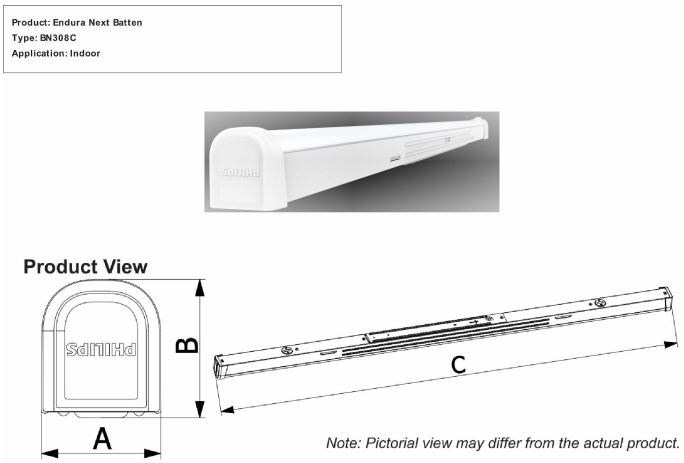


BN308C-1



BN308C-2

Dimensional drawing



BN308C

Product details



BN308C

General Information

Driver included	Yes

Light Technical

Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Optic type	Beam angle 120°

Operating and Electrical

Input Voltage	140-270 V
Protection class IEC	Safety class I

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polycarbonate

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)
919515812660	BN308C LED20S-6500 L60 PSU WH	2,000 lm	6500 K
919515812661	BN308C LED20S-4000 L60 PSU WH	2,000 lm	4000 K
919515812662	BN308C LED20S-6500 L120 PSU WH	2,000 lm	6500 K
919515812663	BN308C LED20S-4000 L120 PSU WH	2,000 lm	4000 K
919515812664	BN308C LED40S-6500 L120 PSU WH	4,000 lm	6500 K
919515812665	BN308C LED40S-4000 L120 PSU WH	4,000 lm	4000 K
919515812666	BN308C LED60S-6500 L120 PSU WH	6,000 lm	6500 K
919515812667	BN308C LED60S-4000 L120 PSU WH	6,000 lm	4000 K
919515812670	BN308C LED40S-6500 L120 PSD WH	4,000 lm	6500 K
919515812671	BN308C LED40S-4000 L120 PSD WH	4,000 lm	4000 K
919515812676	BN308C LED40S-6500 L120 IA WH	4,000 lm	6500 K

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)
919515812680	BN308C LED20S-6500 L120 PIR WH	2,000 lm	6500 K
919515812681	BN308C LED20S-4000 L120 PIR WH	2,000 lm	4000 K
919515812682	BN308C LED40S-6500 L120 PIR WH	4,000 lm	6500 K
919515812683	BN308C LED40S-4000 L120 PIR WH	4,000 lm	4000 K
919515812684	BN308C LED60S-6500 L120 PIR WH	6,000 lm	6500 K
919515812685	BN308C LED60S-4000 L120 PIR WH	6,000 lm	4000 K
919515812689	BN308C LED40S-4000 L120 MA WH	4,000 lm	4000 K

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515812660	BN308C LED20S-6500 L60 PSU WH	16 W
919515812661	BN308C LED20S-4000 L60 PSU WH	16 W
919515812662	BN308C LED20S-6500 L120 PSU WH	16 W
919515812663	BN308C LED20S-4000 L120 PSU WH	16 W
919515812664	BN308C LED40S-6500 L120 PSU WH	34 W
919515812665	BN308C LED40S-4000 L120 PSU WH	34 W
919515812666	BN308C LED60S-6500 L120 PSU WH	47 W
919515812667	BN308C LED60S-4000 L120 PSU WH	47 W
919515812670	BN308C LED40S-6500 L120 PSD WH	34 W
919515812671	BN308C LED40S-4000 L120 PSD WH	34 W
919515812676	BN308C LED40S-6500 L120 IA WH	34 W
919515812680	BN308C LED20S-6500 L120 PIR WH	16 W
919515812681	BN308C LED20S-4000 L120 PIR WH	16 W
919515812682	BN308C LED40S-6500 L120 PIR WH	34 W
919515812683	BN308C LED40S-4000 L120 PIR WH	34 W
919515812684	BN308C LED60S-6500 L120 PIR WH	47 W
919515812685	BN308C LED60S-4000 L120 PIR WH	47 W
919515812689	BN308C LED40S-4000 L120 MA WH	34 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
919515812660	BN308C LED20S-6500 L60 PSU WH	No
919515812661	BN308C LED20S-4000 L60 PSU WH	No
919515812662	BN308C LED20S-6500 L120 PSU WH	No
919515812663	BN308C LED20S-4000 L120 PSU WH	No
919515812664	BN308C LED40S-6500 L120 PSU WH	No
919515812665	BN308C LED40S-4000 L120 PSU WH	No
919515812666	BN308C LED60S-6500 L120 PSU WH	No
919515812667	BN308C LED60S-4000 L120 PSU WH	No
919515812670	BN308C LED40S-6500 L120 PSD WH	Yes

Order Code	Full Product Name	Dimmable
919515812671	BN308C LED40S-4000 L120 PSD WH	Yes
919515812676	BN308C LED40S-6500 L120 IA WH	Wireless Dim
919515812680	BN308C LED20S-6500 L120 PIR WH	No
919515812681	BN308C LED20S-4000 L120 PIR WH	No
919515812682	BN308C LED40S-6500 L120 PIR WH	No
919515812683	BN308C LED40S-4000 L120 PIR WH	No
919515812684	BN308C LED60S-6500 L120 PIR WH	No
919515812685	BN308C LED60S-4000 L120 PIR WH	No
919515812689	BN308C LED40S-4000 L120 MA WH	Yes

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