PHILIPS



BN308C LED20S-6500 L120 PSU WH

919515812662

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.

Warnings and Safety

- Meant for use in Indoor environment only

General Information

Driver included	Yes
Light source engine type	LED
Warranty period	2 years

Light Technical

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80

Beam angle of light source	120 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 120°
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	140-270 V
Line Frequency	50 Hz
Power Consumption	16 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Surge protection level until 4 kV

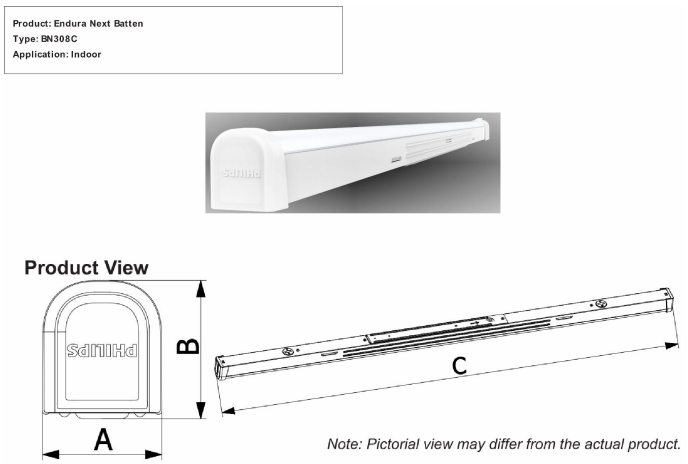
Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

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

Dimensional drawing



Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.900 kg

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
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)

Product Data

Order product name	BN308C LED20S-6500 L120 PSU WH
Full product name	BN308C LED20S-6500 L120 PSU WH
Order code	919515812662
Material Nr. (12NC)	919515812662
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Endura Next_ IP20 Specification Batten_BN308C-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	Endura Next_BN308C LED20S-6500 L120 PSU WH.ies	Download

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