



Ledinaire batten BN045C

BN045C 60S/840 PSU L1500

Ledinaire batten BN045C, 50 W, L1500 mm, 6000 lm, 4000 K, IP20, TW1-ready

The Ledinaire batten (BN045CC) range contains a selection of off-the-shelf batten LED luminaires that come with high Philips quality levels at a competitive price. Reliable, energy-efficient and affordable. Ledinaire enables simple and flexible installation, including a BESA fixing option and an optional emergency pack accessory.

Product data

General Information		Light Technical	
Light source replaceable	No	Luminous Flux	6,000 lm
Number of gear units	Unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Colour Temperature	4000 K
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	Luminous efficacy (rated) (nom.)	120 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	>80
CE mark	CE mark	Flickering value (PstLM)	1
Warranty period	5 years	Stroboscopic effect	1.6
Flammability mark	For mounting on normally flammable surfaces	Light source colour	840 neutral white
ENEC mark	-	Optic type	Beam angle 120°
Glow-wire test	Temperature 650 °C, duration 30 s	Luminaire light beam spread	120°
EU RoHS compliant	Yes	Unified Glare Rating (CEN)	28
		Operating and Electrical	
		Input Voltage	220-240 V
		Line Frequency	50 or 60 Hz

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Inrush current	10.9 A
Inrush time	0.528 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	13

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
Overall length	1,445 mm
Overall width	58 mm
Overall height	59 mm
Dimensions (height x width x depth)	59 x 58 x 1445 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-

Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.5 %
50,000 h	
Lumen maintenance at median useful life*	70
50,000 h	

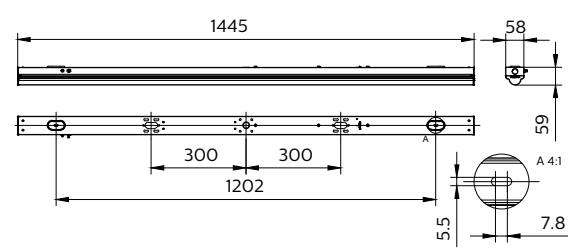
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	BN045C 60S/840 PSU L1500
Full product name	BN045C 60S/840 PSU L1500
Full EOC	871951496361099
Order code	96361099
Material no. (12 NC)	911401806685
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514963610
Numerator – packs per outer box	8
EAN/UPC - Case	8719514963672

Dimensional drawing



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