



Ledinaire batten BN045C

BN045C 48S/840 PSU L1200

Ledinaire batten BN045C, 40 W, L1200 mm, 4800 lm, 4000 K, IP20, TW1-ready

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

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Service tag	No
Lighting Technology	LED
Light Technical	
Luminous Flux	4,800 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80

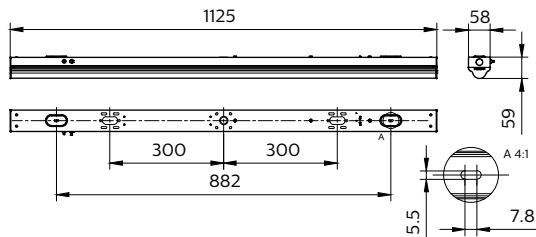
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	28
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	10.1 A
Inrush time	0.528 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole

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Cable	-
Number of products on MCB of 16 A type B	14
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	-
Overall length	1,125 mm
Overall width	58 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 58 x 1125 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
CE mark	CE mark

Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
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 %
50000 h	
Lumen maintenance at median useful life*	70
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Order product name	BN045C 48S/840 PSU L1200
Full product name	BN045C 48S/840 PSU L1200
Full product code	871951496359799
Order code	911401806485
Material Nr. (12NC)	911401806485
Net Weight (Piece)	0.900 kg
EAN/UPC - Product/Case	8719514963597
Numerator - Packs per outer box	12
EAN/UPC - Case	8719514963658

Dimensional drawing



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