Ledinaire Batten

BN012C LED20/NW L1200 G2

Ledinaire Batten, 20 W, L1200 mm, 2000 lm, 4000 K, Clear, IP20, TW1-ready

The Ledinaire batten (BN021C) range contains a selection of popular 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, with light-line creation possibility.

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)
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,000 lm

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	-

Operating and Electrical

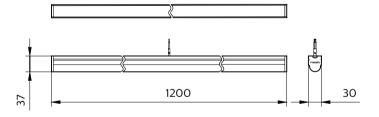|	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	6.23 A
Inrush time	0.0442 ms
Power Consumption	20 W
Power Factor (Fraction)	0.8
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	40

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Temperature

Ambient temperature range	+10 to +35 °C

Controls and Dimming

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

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,200 mm
Overall width	30 mm
Overall height	37 mm
Dimensions (Height x Width x Depth)	37 x 30 x 1200 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Initial chromaticity	(0.3837, 0.3832) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.4 %
Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L65

Application Conditions

Suitable for random switching	Yes

Product Data

Order product name	BN012C LED20/NW L1200 G2
Full product name	BN012C LED20/NW L1200 G2
Full product code	871869938822599
Order code	912401483204
Material Nr. (12NC)	912401483204
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699388225
Numerator – Packs per outer box	25
EAN/UPC – Case	8718699388232

Dimensional drawing

37 | 1200 | 30