Ledinaire Batten

BN021C LED20S/840 L1200

Ledinaire Batten, 20 W, L1200 mm, 2100 lm, 4000 K, Opal, 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
Lighting Technology	LED
Value ladder	Value
Warranty period	3 years
Sustainability rating	–

Light Technical

Luminous Flux	2,100 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	174°

Unified glare rating CEN	27

Operating and Electrical

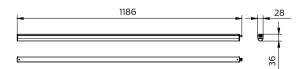|	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.3 A
Inrush time	0.001 ms
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole
Cable	–
Number of products on MCB of 16 A type B	10
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall length	1,186 mm
Overall width	28.4 mm
Overall height	35.7 mm
Dimensions (Height x Width x Depth)	36 x 28 x 1186 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.160 kg

Approval and Application

Glow-wire test	Temperature 650 ℃, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	–
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Ambient temperature range	–20 to +40 ℃

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.38, 0.38, SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

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

Product Data

Order product name	BN021C LED20S/840 L1200
Full product name	BN021C LED20S/840 L1200
Full product code	871951452790499
Order code	911401842382
Material Nr. (12NC)	911401842382
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514527904
Numerator – Packs per outer box	40
EAN/UPC – Case	8719514528000

Dimensional drawing

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