



Ledinaire Batten

BN021C LED5S/840 L300

Ledinaire Batten, 5 W, L300 mm, 500 lm, 500 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	5 years
Light Technical	
Luminous Flux	500 500 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	108 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	8.7 A
Inrush time	0.001 ms
Power Consumption	5 W
Power Factor (Fraction)	0.8
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)
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)

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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	326 mm
Overall width	28.4 mm
Overall height	35.7 mm
Dimensions (Height x Width x Depth)	36 x 28 x 326 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.060 kg

Approval and Application

Glow-wire test	Temperature 650 °C, 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 °C
Ambient temperature range	-20 to +40 °C

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 (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	1.74 kg CO _{2e}
Product non-virgin material ratio	10.6 %
Recyclable content ratio of the finished product	48.7 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO _{2 eq} / kWh)

Product Data

Order product name	BN021C LED5S/840 L300
Full product name	BN021C LED5S/840 L300
Full product code	871951452784399
Order code	911401841782
Material Nr. (12NC)	911401841782
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514527843
Numerator - Packs per outer box	40
EAN/UPC - Case	8719514527942

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Dimensional drawing

