



# Ledinaire Batten

## BN021C LED5S/830 L300

Ledinaire Batten, 5 W, L300 mm, 480 lm, 3000 K, Opal, IP20, TW1-ready

L300 mm, Polycarbonate, White, Power supply unit (On/Off), 480 lm, 5 W, 96 lm/W, 3000 K, 0.43, 0.40, SDCM≤5, Very wide beam, Opal, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, Plug-in connector 2-pole, Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

### Product data

General Information		Unified glare rating CEN	
Light source replaceable	No	27	
Number of gear units	1 unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 or 60 Hz
Value ladder	Value	Inrush current	8.7 A
Warranty period	5 years	Inrush time	0.001 ms
Light Technical		Power Consumption	5 W
Luminous Flux	480 lm	Power Factor (Fraction)	0.8
Saturated Red (R9)	<50	Connection	Plug-in connector 2-pole
Correlated Color Temperature (Nom)	3000 K	Cable	-
Luminous Efficacy (rated) (Nom)	96 lm/W	Number of products on MCB of 16 A type B	10
Color rendering index (CRI)	>80	Suitable for random switching	Not applicable
Light source color	830 warm white	Protection class IEC	Safety class II
Optic type	Very wide beam	Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Luminaire light beam spread	174°		

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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	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	0.43, 0.40, 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 <sub>2e</sub>
Product non-virgin material ratio	10.6 %
Recyclable content ratio of the finished product	48.7 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kwh)
GWP total B6 (kg CO <sub>2eq</sub> ) 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 <sub>2 eq</sub> / kwh)

Product Data	
Order product name	BN021C LED5S/830 L300
Full product name	BN021C LED5S/830 L300
Full product code	871951452785099
Order code	911401841882
Material Nr. (12NC)	911401841882
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514527850
Numerator - Packs per outer box	40
EAN/UPC - Case	8719514527959

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### Dimensional drawing

