



# Ledinaire Batten

## BN021C LED20S/840 L1200

Ledinaire Batten, 20 W, L1200 mm, 2100 lm, 2100 lm, 4000 K, Opal, IP20, TW1-ready

L1200 mm, Polycarbonate, White, Power supply unit (On/Off), 2100 lm, 2100 lm, 20 W, 105 lm/W, 4000 K, 0.38, 0.38, 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	Unified Glare Rating (CEN)	27
Number of gear units	Unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Service Tag	No	Line Frequency	50 or 60 Hz
Lighting Technology	LED	Inrush current	14.3 A
Value ladder	Value	Inrush time	0.001 ms
Warranty period	5 years	Power Consumption	20 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	2,100 2,100 lm	Connection	Plug-in connector 2-pole
Saturated Red (R9)	<50	Cable	-
Correlated Colour Temperature (Nom)	4000 K	Number of products on MCB (16 A type B)	10
Luminous efficacy (rated) (nom.)	105 lm/W	Suitable for random switching	Not applicable
Colour rendering index (CRI)	>80	Protection class IEC	Safety class II
Light source colour	840 neutral white	Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Optic type	Very wide beam		
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/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens 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 °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
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## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 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)	2.52 kg CO <sub>2</sub> e
Product non-virgin material ratio	10 %
Recyclable the content ratio of the finished product	43.9 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO <sub>2</sub> eq / kwh)

## Product Data

Order product name	BN021C LED20S/840 L1200
Full product name	BN021C LED20S/840 L1200
Full EOC	871951452790499
Order code	911401842382
Material no. (12 NC)	911401842382
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514527904
Numerator – packs per outer box	40
EAN/UPC – Case	8719514528000

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### Dimensional drawing

