



Ledinaire Batten

BN021C LED20S/840 L1200 CFW

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

L1200 mm, Polycarbonate, White, Power supply unit (On/Off), 2000 lm, 20 W, 105 lm/W, 4000 K, (0.38, 0.38) SDCM ≤5, Opal, Opal, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, Mains outlet socket double, 2 pieces

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Value
Warranty period	5 years
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	140 degree(s)
Light source color	840 neutral white
Optic type	Opal
Luminaire light beam spread	140°
Unified glare rating CEN	31
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14.3 A
Inrush time	0.001 ms
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Mains outlet socket double, 2 pieces
Cable	-
Number of products on MCB of 16 A type B	10
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
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

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Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,186 mm
Overall width	28 mm
Overall height	36 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)	0.170 kg

Emergency Operation

Central Emergency	No
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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% / +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)	2.52 kg CO ₂ e
Product non-virgin material ratio	10 %
Recyclable content ratio of the finished product	43.9 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) 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 LED20S/840 L1200 CFW
Full product name	BN021C LED20S/840 L1200 CFW
Full product code	872016975104099
Order code	911401805887
Material Nr. (12NC)	911401805887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751040
Numerator - Packs per outer box	40
EAN/UPC - Case	8720169751064

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Dimensional drawing

