



# Ledinaire batten BN045C

## BN045C 78S/840 PSU L1800

Ledinaire batten BN045C, 65 W, L1800 mm, 7800 lm, 4000 K, IP20, TW1-ready

L1800 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 7800 lm, 65 W, 120 lm/W, 4000 K, (0.38, 0.38) SDCM $\leq$ 5, Beam angle 120°, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector 3-pole, Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

### Product data

General Information		Optic type	
Light source replaceable	No	Luminaire light beam spread	Beam angle 120°
Number of gear units	1 unit	Unified glare rating CEN	120°
Driver included	Yes		28
Service tag	No	Operating and Electrical	
Lighting Technology	LED	Input Voltage	220-240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	5 years	Inrush current	13.1 A
		Inrush time	0.676 ms
		Power Consumption	65 W
		Power Factor (Fraction)	0.9
		Connection	Push-in connector 3-pole
		Cable	-
		Number of products on MCB of 16 A type B	10
		Suitable for random switching	Yes
		Protection class IEC	Safety class I

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<b>Feed-through wiring</b>	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
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### Controls and Dimming

<b>Dimmable</b>	No
<b>Driver/power unit/transformer</b>	Power supply unit (On/Off)
<b>Control interface</b>	-
<b>Constant light output</b>	No

### Mechanical and Housing

<b>Housing Material</b>	Steel
<b>Reflector material</b>	-
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Polycarbonate
<b>Fixation material</b>	-
<b>Housing Color</b>	White
<b>Optical cover finish</b>	-
<b>Overall length</b>	1,745 mm
<b>Overall width</b>	58 mm
<b>Overall height</b>	59 mm
<b>Dimensions (Height x Width x Depth)</b>	59 x 58 x 1745 mm
<b>Ingress protection code</b>	IP20 [Finger-protected]
<b>Mech. impact protection code</b>	IK02 [0.2 J standard]
<b>Net Weight (Piece)</b>	1.390 kg

### Approval and Application

<b>Glow-wire test</b>	Temperature 650 °C, duration 30 s
<b>Flammability mark</b>	For mounting on normally flammable surfaces
<b>CE mark</b>	Yes
<b>ENEC mark</b>	-
<b>Photobiological risk</b>	Photobiological risk group 0 @200mm to EN62778
<b>Photobiological risk specification</b>	0.2 m
<b>EU RoHS compliant</b>	Yes
<b>Performance ambient temperature Tq</b>	25 °C
<b>Flickering value (PstLM) - Flickering value as per EN 61000-3-3</b>	1
<b>Stroboscopic effect visibility measure (SVM)</b>	1.6
<b>Ambient temperature range</b>	-20 to +40 °C

### Initial Performance (IEC Compliant)

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

### Over Time Performance (IEC Compliant)

<b>Control gear failure rate at median useful life 50000 h</b>	7.5 %
<b>Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h</b>	L70

### Sustainability Data

<b>Sustainability rating</b>	Unclassified
<b>Repair class</b>	Repair Class D, this product is not designed to be repaired.
<b>Embedded carbon (A1-A3)</b>	16 kg CO <sub>2</sub> e
<b>Product non-virgin material ratio</b>	23 %
<b>Recyclable content ratio of the finished product</b>	62.3 %
<b>GWP total B6 (kg CO<sub>2</sub>eq) Declared Unit</b>	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)
<b>GWP total B6 (kg CO<sub>2</sub>eq) Functional Unit</b>	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</sub> eq / kWh)
<b>Non-virgin material ratio of the packaging</b>	Cardboard > 80% recycled Plastic >35% recycled
<b>Packaging Recyclable content ratio</b>	Cardboard recycling rate > 80% Plastic recycling rate > 40%
<b>Packaging Material</b>	Cardboard Plastic

### Product Data

<b>Order product name</b>	BN045C 78S/840 PSU L1800
<b>Full product name</b>	BN045C 78S/840 PSU L1800
<b>Full product code</b>	871951496363499
<b>Order code</b>	911401806885
<b>Material Nr. (12NC)</b>	911401806885
<b>Numerator - Quantity Per Pack</b>	1
<b>EAN/UPC - Product/Case</b>	8719514963634
<b>Numerator - Packs per outer box</b>	8
<b>EAN/UPC - Case</b>	8719514963696

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### Dimensional drawing

