PHILIPS

Lighting

Ledinaire Batten

BN021C LED24S/830 L1500

Ledinaire Batten, 24 W, L1500 mm, 2400 lm, 3000 K, Opal, IP20, TW1-ready

L1500 mm, Polycarbonate, White, Power supply unit (On/Off), 2400 lm, 24 W, 100 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	No
Lighting Technology	LED
Value ladder	Value
Warranty period	5 years

Light Technical	
Luminous Flux	2,400 lm
Saturated Red (R9)	<50
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	Very wide beam
Luminaire light beam spread	168°
Unified Glare Rating (CEN)	27

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16.8 A
Inrush time	0.001 ms
Power Consumption	24 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole
Cable	-
Number of products on MCB (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)

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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	1,486 mm
Overall width	28.4 mm
Overall height	35.7 mm
Dimensions (height x width x depth)	36 x 28 x 1486 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.210 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

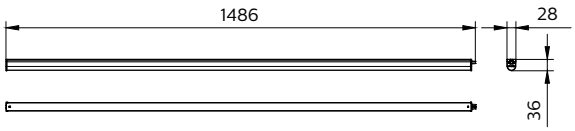
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	4.52 kg CO_2e
Product non-virgin material ratio	13.5 %
Recyclable the content ratio of the finished product	48.4 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)

Product Data	
Order product name	BN021C LED24S/830 L1500
Full product name	BN021C LED24S/830 L1500
Full EOC	871951452793599
Order code	911401842682
Material no. (12 NC)	911401842682
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514527935
Numerator – packs per outer box	40
EAN/UPC - Case	8719514528031

Ledinaire Batten

Dimensional drawing



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