PHILIPS

BN021C LED10S/830 L600

911401842082



Ledinaire Batten, 10 W, L600 mm, 960 lm, 3000 K, Opal, IP20, TW1-ready

L600 mm, Polycarbonate, White, Power supply unit (On/Off), 960 lm, 10 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)

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	No
Lighting Technology	LED
Value ladder	Value
Warranty period	5 years

Light Technical

Luminous Flux	960 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optic type	Very wide beam
Luminaire light beam spread	170°
Unified glare rating CEN	27

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	9 A
Inrush time	0.001 ms
Power Consumption	10 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	10
Suitable for random switching	Yes
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)

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	586 mm
Overall width	28.4 mm
Overall height	35.7 mm
Dimensions (Height x Width x Depth)	36 x 28 x 586 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.090 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

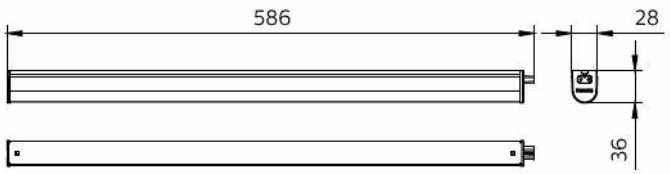
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	2.28 kg CO_2e
Product non-virgin material ratio	11.8 %
Recyclable content ratio of the finished product	51.2 %
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 (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	BN021C LED10S/830 L600
Full product name	BN021C LED10S/830 L600
Full product code	871951452787499
Order code	911401842082
Material Nr. (12NC)	911401842082
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514527874
Numerator - Packs per outer box	40
EAN/UPC - Case	8719514527973

Dimensional drawing



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401846482	BN021Z C600	Product Website

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-batten-BN021C-LED10S-830-L600-911401842082.pdf	Download
Installation Instructions	BN021C EU-MI-0427_Final v3.pdf	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.