



CoreLine Batten

BN126C LED20S/830 PSU L600

CoreLine Batten, 17 W, L600 mm, 2000 lm, 3000 K, Opal, IP20/40, TW1-ready

L600 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 2000 lm, 17 W, 118 lm/W, 3000 K, (0.43, 0.40) SDCM≤3, Beam angle 120°, Opal, Polycarbonate, IP20 | Finger-protected, IK04 | 0.5 J standard plus, 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)

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	3000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	118 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	830 warm white
Lighting Technology	LED	Optic type	Beam angle 120°
Value ladder	Performance	Luminaire light beam spread	120°
Warranty period	5 years	Unified glare rating CEN	26
Light Technical		Input Voltage	220-240 V
Luminous Flux	2,000 lm	Line Frequency	50 or 60 Hz
Saturated Red (R9)	<50	Inrush current	8.3 A

CoreLine Batten

Inrush time	0.345 ms
Power Consumption	17 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	25
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
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

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	600 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 65 x 600 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Net Weight (Piece)	0.650 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	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
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70

Sustainability Data

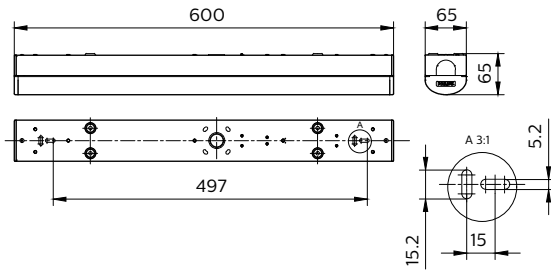
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	8.53 kg CO ₂ e
Product non-virgin material ratio	25.7 %
Recyclable content ratio of the finished product	64.6 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

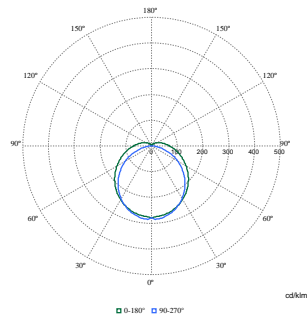
Order product name	BN126C LED20S/830 PSU L600
Full product name	BN126C LED20S/830 PSU L600
Full product code	871951494875499
Order code	94875499
Material Nr. (12NC)	911401833684
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514948754
Numerator - Packs per outer box	8
EAN/UPC - Case	8719514948976

CoreLine Batten

Dimensional drawing



Photometric data



Polar Normal (separate) - 911401833684

