



CoreLine Batten

BN126C LED64S_100S/830_40 PSU L1800

CoreLine Batten, All-in, 71 W, 45.5 W, L1800, 6400 lm, 10000 lm, 3000 K, 4000 K, Opal, IP20/40

L1800, Metal-Plastic, White, Signal white (RAL9003), Power supply unit (On/Off), All-in, Multi Color Temperature, All-in, Multi Lumen, 6400 lm, 10000 lm, 71 W, 45.5 W, 140 lm/W, 3000 K, 4000 K, (0.43,0.40) SDCM≤3, Symmetrical, Opal, Polycarbonate, IP20/40 | Finger-protected;Wire-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 and 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 and product warranty will become void

Product data

General Information		Colour rendering index (CRI)	
Number of gear units	Unit		>80
Driver included	Yes	Light source colour	830 warm white, 840 neutral white
Service Tag	Yes	Optic type	Symmetrical
Value ladder	Performance	Luminaire light beam spread	120°
Warranty period	5 years	Unified Glare Rating (CEN)	26
		All-in Type	All-in, Multi Color Temperature All-in, Multi Lumen
Light Technical		Operating and Electrical	
Luminous Flux	6,400 10,000 lm	Input Voltage	220 to 240 V
Correlated Colour Temperature (Nom)	3000 4000 K	Line Frequency	50 to 60 Hz
Luminous efficacy (rated) (nom.)	140 lm/W		

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Inrush current	17.6 A
Inrush time	0.832 ms
Power Consumption	71 45,5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB (16 A type B)	7
Suitable for random switching	No
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)
Constant light output	No

Mechanical and Housing

Housing material	Metal-Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,750 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1750 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Mounting	Ceiling Surface Suspended Wall-mounting bracket
Net Weight (Piece)	1.480 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
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%,+15%
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 50,000 h	6.5 %
Control gear failure rate at median useful life 100,000 h	80 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Sustainability Data

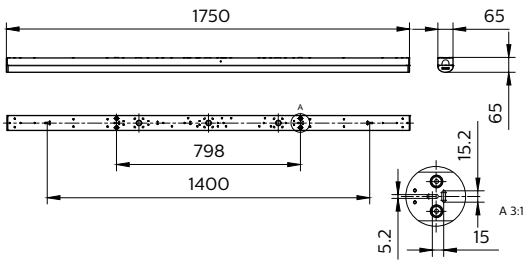
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	19.1 kg CO ₂ e
Product non-virgin material ratio	41.7 %
Recyclable the content ratio of the finished product	64 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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 DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh)

Product Data

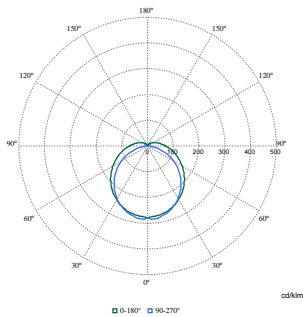
Order product name	BN126C LED64S_100S/830_40 PSU L1800
Full product name	BN126C LED64S_100S/830_40 PSU L1800
Full EOC	872016976842099
Order code	911401850787
Material no. (12 NC)	911401850787
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169768420
Numerator – packs per outer box	6
EAN/UPC – Case	8720169768505

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401850787

