



CoreLine Batten

BN126C LED25S_41S/830_40 PSU L1200

CoreLine Batten, All-in, 29.5 W, 18 W, L1200, 2500 lm, 4100 lm, 3000 K, 4000 K, Opal, IP20/40, EL-ready

L1200, Metal-Plastic, White, Signal white (RAL9003), Power supply unit (On/Off), All-in, Multi Color Temperature, All-in, Multi Lumen, 2500 lm, 4100 lm, 29.5 W, 18 W, 140 lm/W, 3000 K, 4000 K, (0.43,0.40) SDCM \leq 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), Emergency lighting ready (through compatible battery kit accessory)

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		Luminous efficacy (rated) (nom.)	
Number of gear units	Unit	140 lm/W	
Driver included	Yes	Colour rendering index (CRI)	
Service Tag	Yes	>80	
Value ladder	Performance	Light source colour	
Warranty period	5 years	830 warm white, 840 neutral white	
Light Technical		Optic type	
Luminous Flux	2,500 4,100 lm	Symmetrical	
Correlated Colour Temperature (Nom)	3000 4000 K	Luminaire light beam spread	
		120°	
		Unified Glare Rating (CEN)	
		25	
		All-in Type	
		All-in, Multi Color Temperature All-in, Multi Lumen	
Operating and Electrical		Input Voltage	
		220 to 240 V	

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Line Frequency	50 to 60 Hz
Inrush current	11.6 A
Inrush time	0.499 ms
Power Consumption	29.518 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB (16 A type B)	13
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	1,135 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (height x width x depth)	65 x 65 x 1135 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)	1.030 kg

Emergency Operation

Emergency flux	330 lm
Central Emergency	No
Emergency lighting	Emergency lighting ready (through compatible battery kit accessory)

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	5 %
Control gear failure rate at median useful life 100,000 h	20 %
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)	13.1 kg CO ₂ e
Product non-virgin material ratio	41.1 %
Recyclable the content ratio of the finished product	60.7 %
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 LED25S_41S/830_40 PSU L1200
Full product name	BN126C LED25S_41S/830_40 PSU L1200
Full EOC	872016976840699
Order code	911401850587
Material no. (12 NC)	911401850587
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169768406
Numerator – packs per outer box	8
EAN/UPC - Case	8720169768482

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401850587

