



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

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it’s a simple switch.

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		Optic type	
Number of gear units	1 unit		Symmetrical
Driver included	Yes	Luminaire light beam spread	120°
Value ladder	Performance	Unified glare rating CEN	25
Warranty period	5 years	All-in Type	All-in, Multi Color Temperature All-in, Multi Lumen
Light Technical		Operating and Electrical	
Luminous Flux	2,500 4,100 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	3000 4000 K	Line Frequency	50 to 60 Hz
Luminous Efficacy (rated) (Nom)	140 lm/W	Inrush current	11.6 A
Color rendering index (CRI)	>80	Inrush time	0.499 ms
Light source color	830 warm white, 840 neutral white	Power Consumption	29.5 18 W

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Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 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 material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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	Self-contained emergency lighting is possible when used with a 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 50000 h	5 %
Control gear failure rate at median useful life 100000 h	20 %
Lumen maintenance (EN-IEC 62722-2-1) L80 at median useful life* 50000 h	

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 _{2e}
Product non-virgin material ratio	41.1 %
Recyclable content ratio of the finished product	60.7 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) 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)

Product Data

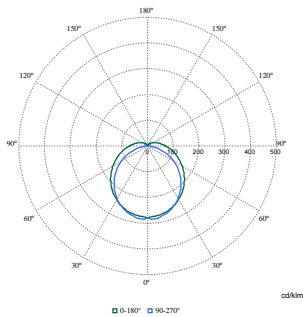
Order product name	BN126C LED25S_41S/830_40 PSU L1200
Full product name	BN126C LED25S_41S/830_40 PSU L1200
Full product code	872016976840699
Order code	76840699
Material Nr. (12NC)	911401850587
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169768406
Numerator - Packs per outer box	8
EAN/UPC - Case	8720169768482

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401850587

