



CoreLine Batten

BN126C LED64S_100S/830_40 PSU L1800

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

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		Luminous Efficacy (rated) (Nom)	
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	140 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Value ladder	Performance	Light source color	830 warm white, 840 neutral white
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Optic type	Symmetrical
Warranty period	5 years	Luminaire light beam spread	120°
Sustainability rating	Unclassified	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 Color Temperature (Nom)	3000 4000 K	Line Frequency	50 to 60 Hz
		Inrush current	17.6 A

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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 of 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 material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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
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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

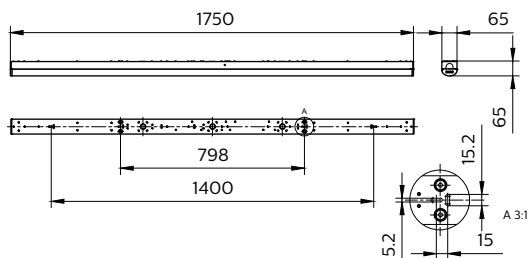
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	6.5 %
Control gear failure rate at median useful life 100000 h	80 %
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	-

Product Data

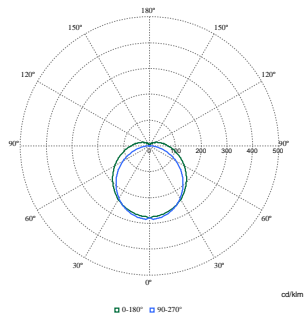
Order product name	BN126C LED64S_100S/830_40 PSU L1800
Full product name	BN126C LED64S_100S/830_40 PSU L1800
Full product code	872016976842099
Order code	76842099
Material Nr. (12NC)	911401850787
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169768420
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169768505

Dimensional drawing



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Photometric data



Polar Normal (separate) - null - 911401850787

