



CoreLine Batten

BN126C LED80S/830_40 PSD L1500

CoreLine Batten, BATTEN, 57 W, L1500, 8000 lm, 3000 K, 4000 K, DALI, 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	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	3000 4000 K

Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white, 840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120°
All-in Type	All-in, Multi Color Temperature
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	15.7 A
Inrush time	0.678 ms

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Power Consumption	57 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	8
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	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

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	1,450 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 65 x 1450 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)	1.310 kg

Emergency Operation

Emergency flux	300 lm
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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%

Over Time Performance (IEC Compliant)

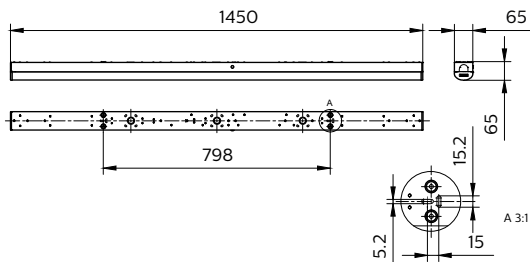
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

Product Data

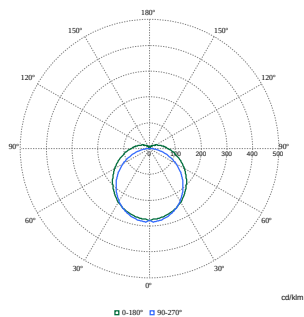
Order product name	BN126C LED80S/830_40 PSD L1500
Full product name	BN126C LED80S/830_40 PSD L1500
Full product code	872016976838399
Order code	76838399
Material Nr. (12NC)	911401850387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169768383
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169768468

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Dimensional drawing



Photometric data



Polar Normal (separate) - null - 911401850387

