



CoreLine Batten

BN126C LED100S/840 PSU TW1 L1800

840 neutral white - Power supply unit

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 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		Light Technical	
Light source colour	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSU [Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	20
Optic type	VWB [Very wide beam]	EU RoHS compliant	Yes
Luminaire light beam spread	130°	Unified glare rating CEN	27
Control interface	-	Operating and Electrical	
Connection	Push-in connector 3-pole	Input Voltage	220 to 240 V
Cable	-	Input frequency	50 or 60 Hz
Protection class IEC	Safety class I		
Glow-wire test	Temperature 650 °C, duration 30 s		
Flammability mark	NO [-]		

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Inrush current	4.3 A
Inrush time	0.128 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall length	1750 mm
Overall width	65 mm
Overall height	65 mm
Colour	White RAL 9003
Dimensions (height x width x depth)	65 x 65 x 1750 mm (2.6 x 2.6 x 68.9 in)

Approval and Application

Ingress protection code	IP20 (front IP40)
Mech. impact protection code	IK04 [0.5 J standard plus]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Colour Temperature	4000 K

Init. Colour rendering index	>80
Initial chromaticity	(0.38,0.38)SDCM<3
Initial input power	75 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	0.05 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

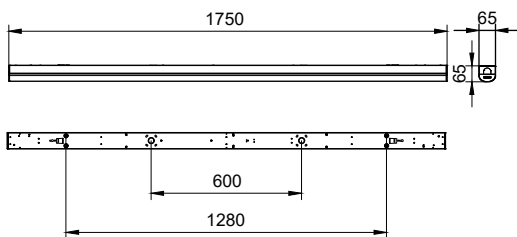
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016336360899
Order product name	BN126C LED100S/840 PSU TW1 L1800
EAN/UPC – product	8710163363608
Order code	36360899
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	911401898580
SAP net weight (piece)	2.210 kg

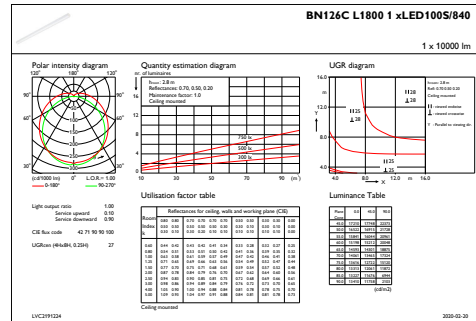
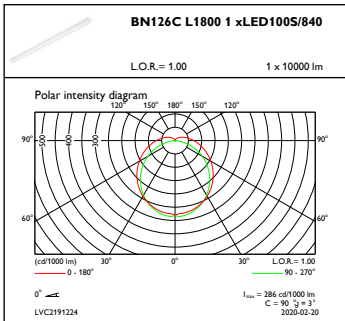


Dimensional drawing



CoreLine Batten BN120C-BN126C

Photometric data



OFPC1_BN126CL18001xLED100S840

IFGU1_BN126CL18001xLED100S840

