![Philips Lighting logo]

CoreLine Batten

BN126C LED80S/840 PSU TW1 L1500

CoreLine Batten, 59 W, L1500 mm, 8000 lm, 4000 K, Opal,
IP20/40, TW1

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 source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 1-phase
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s

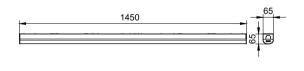|	
EU RoHS compliant	Yes

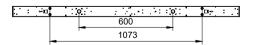| Light Technical	
Luminous Flux	8,000 lm
Saturated Red (R9)	<50
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	136 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	130°

CoreLine Batten

Unified Glare Rating (CEN)	27

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	6.9 A
Inrush time	0.058 ms
Power Consumption	59 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	–
Number of products on MCB of 16 A type B	28

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Steel
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Colour	White
Optical cover/lens 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

Approval and Application

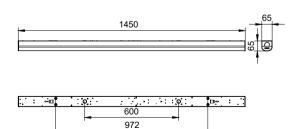|	
Ingress protection code	IP20/40 [Finger-protected, Emitting surface]

Mech. impact protection code	IK04 [0.5 J standard plus]
Sustainability rating	–
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<3
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

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	BN126C LED80S/840 PSU TW1 L1500
Full product name	BN126C LED80S/840 PSU TW1 L1500
Full EOC	871016336356199
Order code	36356199
Material no. (12 NC)	911401898180
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8710163363561
Numerator – packs per outer box	6
EAN/UPC – Case	8710163363745

Dimensional drawing