



# CoreLine Batten

## BN124C LED41S/840 IA1 TW1 L1200

840 neutral white – Power supply unit regulating

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.

### Product data

General Information		Number of products on MCB of 16 A type B	
Beam angle of light source	120 °	RoHS mark	RoHS mark
Light source color	840 neutral white	Unified glare rating CEN	Not applicable
Light source replaceable	No	Operating and Electrical	
Number of gear units	1 unit	Input Voltage	220 to 240 V
Driver/power unit/transformer	Power supply unit regulating	Input Frequency	50 to 60 Hz
Driver included	Yes	Initial CLO power consumption	– W
Optic type	Beam angle 120°	Average CLO power consumption	– W
Luminaire light beam spread	120°	Inrush current	21 A
Control interface	InterAct Pro	Inrush time	0.28 ms
Connection	Push-in connector 3-pole	Power Factor (Min)	0.9
Cable	–	Controls and Dimming	
Protection class IEC	Safety class I	Dimmable	Yes
Glow-wire test	Temperature 850 °C, duration 30 s	Mechanical and Housing	
Flammability mark	For mounting on easily flammable surfaces	Housing Material	Aluminum
CE mark	CE mark	Reflector material	–
ENEC mark	–	Optic material	Polycarbonate
Warranty period	5 years		
Constant light output	No		

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Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1134 mm
Overall width	64 mm
Overall height	82 mm
Color	White

Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	114 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	

Median useful life L70B50	50000 h
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

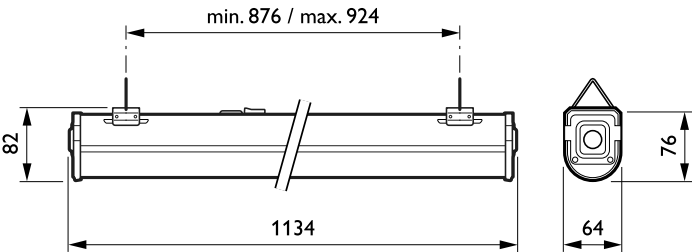
Full product code	871016333733399
Order product name	BN124C LED41S/840 IA1 TW1 L1200
EAN/UPC - Product	8710163337333
Order code	911401800280
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	911401800280
Net Weight (Piece)	1.450 kg



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

Dimensional drawing



CoreLine Batten BN120C-BN124C

