



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	
Beam angle of light source	120 °
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optic type	120 [Beam angle 120°]
Luminaire light beam spread	120°
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	D [For mounting on easily flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Constant light output	No
Number of products on MCB	22

RoHS mark	RoHS mark
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	21 A
Inrush time	0.28 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

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Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1134 mm
Overall width	64 mm
Overall height	82 mm
Colour	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	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	114 lm/W
Init. Corr. colour temperature	4000 K
Init. colour 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

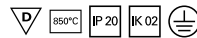
Median useful life L70B50	50000 h
Lumen maintenance at median useful life*	L70
	50000 h

Application Conditions

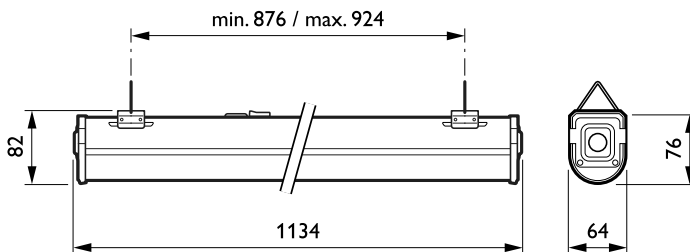
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

Product Data

Full product code	871016333733399
Order product name	BN124C LED41S/840 IA1 TW1 L1200
EAN/UPC – product	8710163337333
Order code	33733399
Numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12NC)	911401800280
Net weight (piece)	1.450 kg



Dimensional drawing



CoreLine Batten BN120C-BN124C

