



CoreLine Batten

BN124C LED41S/840 PSU TW1 L1200

LED Module, system flux 4100 lm - 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.

Product data

General Information		Operating and Electrical	
Lamp family code	LED Module, system flux 4100 lm	Constant light output	No
Light source color	840 neutral white	Number of products on MCB of 16 A type B	24
Light source replaceable	No	RoHS mark	RoHS mark
Number of gear units	1 unit	Controls and Dimming	
Driver/power unit/transformer	Power supply unit	Dimmable	No
Driver included	Yes	Mechanical and Housing	
Optic type	-	Housing Material	Metal
Luminaire light beam spread	120°	Reflector material	-
Connection	Push-in connector 3-pole		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 30 s		
Flammability mark	For mounting on easy flammable surfaces		
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years + 2 years upon registration		

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Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1175 mm
Overall width	64 mm
Overall height	82 mm

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	108 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDC M<5
Initial input power	38 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
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Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

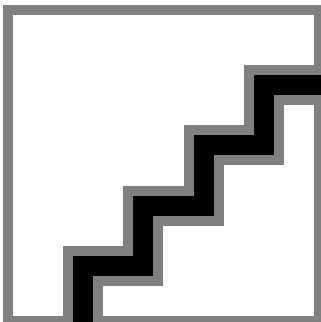
Ambient temperature range	0 to +35 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869607474999
Order product name	BN124C LED41S/840 PSU TW1 L1200
EAN/UPC - Product	8718696074749
Order code	910503910279
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	910503910279
Net Weight (Piece)	1.450 kg



Dimensional drawing



CoreLine Batten BN120C-BN124C

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Photometric data



IFGU1_BN124CL12001xLED41S840



IFPC1_BN124CL12001xLED41S840

