



CoreLine Batten

BN124C LED38S/830 PSU TW1 L1200

LED Module, system flux 3800 lm - 830 warm 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	
Lamp family code	LED38S [LED Module, system flux 3800 lm]
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	No [-]
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	FF [For mounting on easy flammable surfaces]
CE mark	CE mark
ENEC mark	-
Constant light output	No
Number of products on MCB	24

RoHS mark	RoHS mark
Operating and Electrical	
Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	0.29 A
Inrush time	0.06 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Metal
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel

CoreLine Batten

Optical cover/lens finish	Frosted
Overall length	1135 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	3800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	>80
Initial chromaticity	(0.44, 0.41) SDCM <5
Initial input power	38 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	50000 h

Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

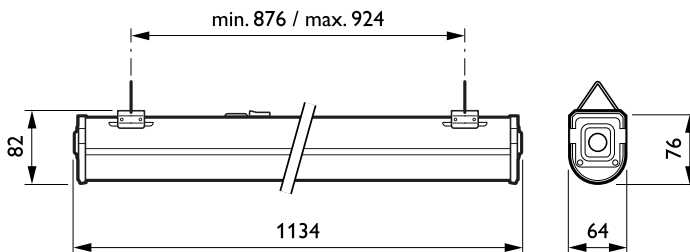
Application Conditions

Ambient temperature range	0 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

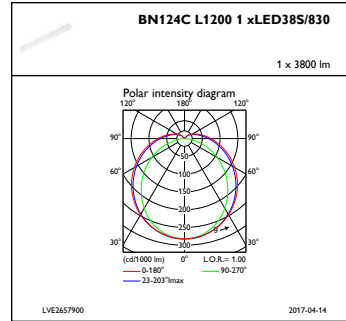
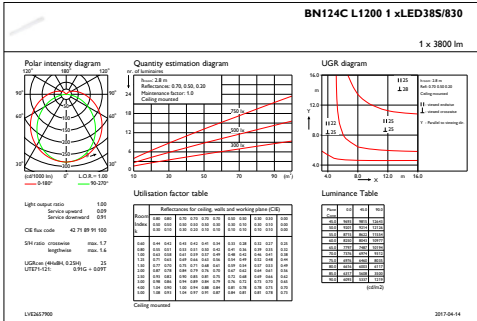
Full product code	871869938000799
Order product name	BN124C LED38S/830 PSU TW1 L1200
EAN/UPC – product	8718699380007
Order code	38000799
Numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12NC)	910503910280
Net weight (piece)	1.450 kg

Dimensional drawing



CoreLine Batten BN120C-BN124C

Photometric data



IFGU1_BN124CL12001xLED38S830

IFPC1_BN124CL12001xLED38S830

