CoreLine Batten

BN124C LED41S/840 PSU ELB3 TW1 L1200

CoreLine Batten - Fortimo LED module DLMi 1100 - 840 neutral
white - Power supply unit - 1135 mm

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	DLMI1100 [Fortimo LED module DLMi 1100]
Beam angle of light source	120 °
Light source color	840 neutral white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Optical cover/lens type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	120°
Control interface	-
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	5 years
Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	BN120C [CoreLine Batten]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	-
Initial CLO power consumption	- W
Average CLO power consumption	- W

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End CLO power consumption	- W
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
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1135 mm
Overall width	64 mm
Overall height	82 mm
Length	1135 mm
Width	- mm
Height	58 mm
Diameter	-

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	97.5 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	42 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

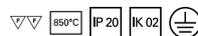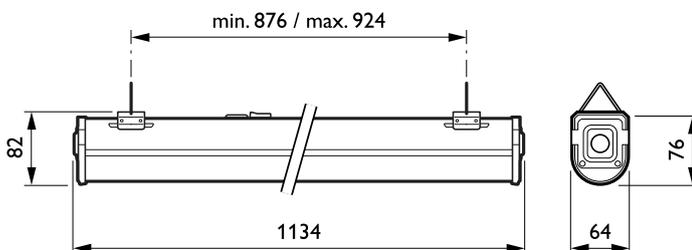|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869939256799
Order product name	BN124C LED41S/840 PSU ELB3 TW1 L1200
EAN/UPC - Product	8718699392567
Order code	910500465175
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	910500465175
Net Weight (Piece)	1.610 kg

850°C IP 20 IK 02

Dimensional drawing

min. 876 / max. 924

82

1134

76

64

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www.lighting.philips.com

2018, September 5 - data subject to change