



CoreLine Batten

BN124C LED41S/840 IA1 TW1 L1200

CoreLine Batten, 36 W, L1200 mm, 4100 lm, 4000 K, Wireless, Interact Ready, Frosted, IP20, TW1

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.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress and 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 and product warranty will become void

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 1-phase
Connectivity	Interact Ready
Lighting Technology	LED
Value ladder	Performance
Embedded control	Interact SNS210 sensor
CE mark	Yes
Warranty period	5 years

Flammability mark	For mounting on easily flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,100 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	114 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)

CoreLine Batten

Light source colour	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified Glare Rating (CEN)	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line 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 Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	22

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Wireless
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	1,134 mm
Overall width	64 mm

Overall height	82 mm
Dimensions (height x width x depth)	82 x 64 x 1134 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.01 %
Control gear failure rate at median useful life	5 %
50,000 h	
Lumen maintenance at median useful life*	L70
50,000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Order product name	BN124C LED41S/840 IA1 TW1 L1200
Full product name	BN124C LED41S/840 IA1 TW1 L1200
Full EOC	871016333733399
Order code	33733399
Material no. (12 NC)	911401800280
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163337333
Numerator – packs per outer box	8
EAN/UPC - Case	8710163337357

Dimensional drawing



