



# **CoreLine Batten**

## BN124C LED41S/840 PSU TW1 L1200

CoreLine Batten, 38 W, L1200 mm, 4100 lm, 4000 K, 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 IPXO & as such is not protected against water ingress & 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 & product warranty will become void

#### **Product data**

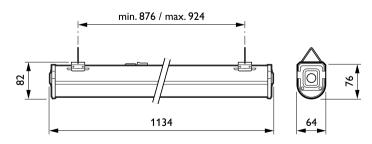
General Information		Service tag	Yes
Lamp family code	LED41S [LED module, system flux 4100 lm]	Lighting Technology	LED
Light source replaceable	No	Value ladder	Performance
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Feed-through wiring	Feed-through wiring 1-phase	Flammability mark	For mounting on easy flammable surfaces
Remarks	*-Per Lighting Europe guidance paper	ENEC mark	-
	"Evaluating performance of LED based	Glow-wire test	Temperature 850 °C, duration 30 s
	luminaires - January 2018": statistically there	EU RoHS compliant	Yes
	is no relevant difference in lumen		
	maintenance between B50 and for example	Light Technical	
	B10. Therefore, the median useful life (B50)	Luminous Flux	4,100 lm
	value also represents the B10 value.		

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Correlated Color Temperature (Nom)	4000 K	Overall w
Luminous Efficacy (rated) (Nom)	108 lm/W	Overall he
Color rendering index (CRI)	>80	Dimensio
Light source color	840 neutral white	
Optic type	-	Approva
Luminaire light beam spread	120°	Ingress pr
		Mech. imp
Operating and Electrical		Protection
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	Initial Pe
End CLO power consumption	- W	Luminous
Inrush current	0.29 A	Initial chro
Inrush time	0.06 ms	Power co
Power Consumption	38 W	
Power Factor (Fraction)	0.9	Over Tin
Connection	Push-in connector 3-pole	Control ge
Cable	-	life 5000
Number of products on MCB of 16 A type	24	Lumen ma
В		life* 5000
		Applicat
Temperature		Applicat
Ambient temperature range	0 to +35 ℃	Performa
		Suitable f
Controls and Dimming		
Dimmable	No	Product
Driver/power unit/transformer	Power supply unit (On/Off)	Order pro
Constant light output	No	Full produ
		Full produ
Mechanical and Housing		Order cod
Housing Material	Metal	Material
Reflector material	-	Numerato
Optic material	-	EAN/UPC
Optical cover material	Polycarbonate	Numerato
Fixation material	Stainless steel	EAN/UPC
Housing Color	White	
Optical cover finish	Frosted	
Overall length	1,135 mm	

Overall width	64 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 64 x 1135 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 Derformance (IEC Compliant	N
Initial Performance (IEC Compliant	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDC M<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Over Time Performance (IEC Comp Control gear failure rate at median usefu	
Control gear failure rate at median usefu	
Control gear failure rate at median usefu life 50000 h	1 5%
Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful	1 5%
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L70
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching	L70 25 °C
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data	L70 25 °C Yes
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name	L70 25 °C Yes BN124C LED41S/840 PSU TW1 L1200
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name	L 5 % L70 25 °C Yes BN124C LED41S/840 PSU TW1 L1200 BN124C LED41S/840 PSU TW1 L1200
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code	L 5 % L70 25 °C Yes BN124C LED41S/840 PSU TW1 L1200 BN124C LED41S/840 PSU TW1 L1200 871869607474999
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code	L70 L70 25 °C Yes BN124C LED41S/840 PSU TW1 L1200 BN124C LED41S/840 PSU TW1 L1200 871869607474999 07474999
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	L70 L70 25 °C Yes BN124C LED41S/840 PSU TW1 L1200 BN124C LED41S/840 PSU TW1 L1200 BN124C LED41S/840 PSU TW1 L1200 871869607474999 07474999 910503910279
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	L 5 % L70 25 °C Yes BN124C LED415/840 PSU TW1 L1200 BN124C LED415/840 PSU TW1 L1200 BN124C LED415/840 PSU TW1 L1200 871869607474999 07474999 910503910279 1

#### Dimensional drawing



### **CoreLine Batten**



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