



CoreLine Batten

BN126C LED100S/840 PSU L1800

- 840 neutral white - Power supply unit (ON/OFF)

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

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	
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit (ON/OFF)
Driver included	Yes
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	7
Number of products of MCB of 10 A type B	7
Photobiological risk	Photobiological risk group 0 @200mm to
· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	Photobiological risk group 0 @200mm to
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk Photobiological risk specification	Photobiological risk group 0 @200mm to EN62778

Datasheet, 2023, May 8 data subject to change

CoreLine Batten

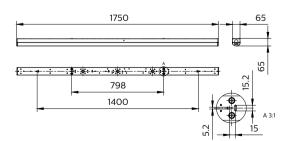
Brand Philips Value ladder Performance Light Technical Luminous Flux 10,000 lumen Saturated Red (R9) <50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm			
Value ladder Performance Light Technical Luminous Flux 10,000 lumen Saturated Red (R9) <50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Inrush current 17.6 A Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall Length 1.750 mm	Lighting Technology	LED	
Light Technical Luminous Flux 10,000 lumen Saturated Red (R9) <50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Brand	Philips	
Luminous Flux 10,000 lumen Saturated Red (R9) <50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material -0 polycarbonate Optic material Polycarbonate Fixation material -Polycarbonate Optical cover/lens material -Polycarbonate Fixation material -Polycarbonate Fixation material -Polycarbonate Optical cover/lens finish Opal Overall length 1,750 mm	Value ladder	Performance	
Luminous Flux 10,000 lumen Saturated Red (R9) <50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material -0 polycarbonate Optic material Polycarbonate Fixation material -Polycarbonate Optical cover/lens material -Polycarbonate Fixation material -Polycarbonate Fixation material -Polycarbonate Optical cover/lens finish Opal Overall length 1,750 mm			
Saturated Red (R9) -50 Luminous Efficacy (rated) (Nom) 130 lm/W Color rendering index (CRI) -80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Light Technical		
Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Flickering value (PStLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) O.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material Optic material Optic material Polycarbonate Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Luminous Flux	10,000 lumen	
Color rendering index (CRI) >80 Flickering value (PStLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Saturated Red (R9)	<50	
Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Luminous Efficacy (rated) (Nom)	130 lm/W	
Stroboscopic effect value (SVM) 1.6 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optic material Polycarbonate Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Color rendering index (CRI)	>80	
Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Flickering value (PstLM)	1	
Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Stroboscopic effect value (SVM)	1.6	
Input Voltage 220-240 V Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm			
Line Frequency 50 or 60 Hz Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range −20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material − Polycarbonate Optic material Polycarbonate Fixation material − Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Operating and Electrical		
Input Frequency 50 or 60 Hz Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range −20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material − Polycarbonate Optic material Polycarbonate Fixation material − Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Input Voltage	220-240 V	
Power Consumption 75 W Inrush current 17.6 A Inrush time 0.832 ms Power Factor (Fraction) 0.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Line Frequency	50 or 60 Hz	
Inrush current Inrush time 0.832 ms Power Factor (Fraction) Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material - Optic material Polycarbonate Optical cover/lens material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Input Frequency	50 or 60 Hz	
Power Factor (Fraction) Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Power Consumption	75 W	
Power Factor (Fraction) O.9 Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optic material Polycarbonate Optical cover/lens material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Inrush current	17.6 A	
Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Inrush time	0.832 ms	
Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Power Factor (Fraction)	0.9	
Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm			
Controls and Dimming Dimmable No Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Temperature		
Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Ambient temperature range	-20 to +40 °C	
Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm			
Mechanical and Housing Housing Material Steel Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Controls and Dimming		
Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length Steel	Dimmable	No	
Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Optical cover/lens material Fixation material Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length Steel			
Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Mechanical and Housing		
Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Housing Material	Steel	
Optical cover/lens material Polycarbonate Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Reflector material	-	
Fixation material - Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Optic material	Polycarbonate	
Housing Color White RAL 9003 Optical cover/lens finish Opal Overall length 1,750 mm	Optical cover/lens material	Polycarbonate	
Optical cover/lens finish Opal Overall length 1,750 mm	Fixation material	-	
Overall length 1,750 mm	Housing Color	White RAL 9003	
Overall length 1,750 mm	Optical cover/lens finish	Opal	
		1,750 mm	
	Overall width	65 mm	

	0.5	
Overall height	65 mm	
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK04 [0.5 J standard plus]	
Sustainability rating	=	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Init. Corr. Color Temperature	4000 K	
Initial chromaticity	(0.38, 0.38) SDCM≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	80	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Not applicable	
Product Data		
Full product code	871951494890799	
Order product name	BN126C LED100S/840 PSU L1800	
Order code	911401835184	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	911401835184	
Net weight	1.610 kg	
Full product name	BN126C LED100S/840 PSU L1800	
EAN/UPC - Case	8719514949126	





Dimensional drawing



CoreLine Batten



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.