



CoreLine Batten – For every project where light really matters

CoreLine Batten

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. The 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.

Benefits

- Energy savings and longer lifetime, to reduce operating costs.
- Direct replacement for conventional battens, in terms of light performance, length and installation flexibility.
- Easily create seamless and aesthetic light-lines in warehouses or industrial spaces, making it a straightforward choice for renovation projects.

Features

- Energy-efficient and long lasting: up to 130 lm/W and 50 khrs L70 lifetime.
- Many options available: L600/L1200/L1500/L1800 up to 10,000 lm, 3,000 K and 4,000 K.
- Smart product architecture for tool-free, easy and flexible installation, with through-wiring possibility.
- Optional controls and versions available: DALI, Integrated wireless connectivity (Interact-Ready), Emergency Lighting 3h (EL).

Application

- Industrial production spaces, workshops and technical premises.
- Assembly and utility areas.
- Cove lighting.
- General area lighting.

Warnings and Safety

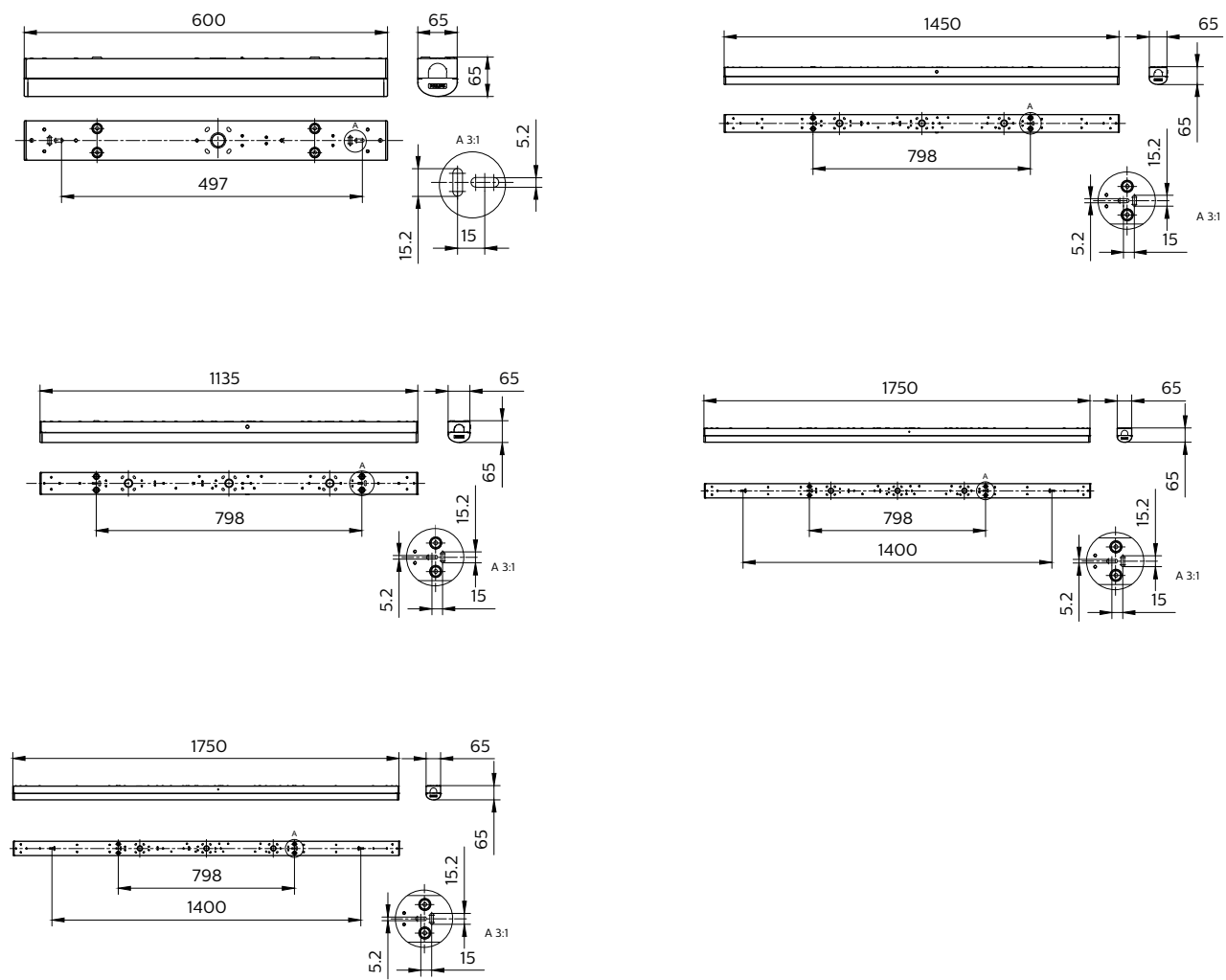
- The product is IPX0 & as such is not protected against water ingress and as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Versions

	Standard, Coreline Batten G3		Product standard image, CoreLine batten BN126C
	Product standard image, CoreLine batten BN126C		Product standard image, CoreLine batten BN126C
	Product standard image, CoreLine batten BN126C		Product standard image, CoreLine batten BN126C

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Dimensional drawing

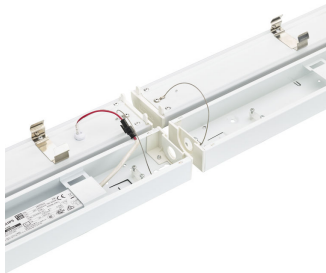


Product details

CoreLine batten, BN126C, opening



Detail image - open, CoreLine batten BN126C



CoreLine Batten

Product details



CoreLine batten, BN126C, light-line creation



Detail image - ending, CoreLine batten BN126C



CoreLine batten, BN126C, opening



Detail image - All-in dipswitch, CoreLine batten BN126C



CoreLine batten, BN126C, light-line creation



Detail image - back, CoreLine batten BN126C



CoreLine batten, BN126C, front view



CoreLine batten, BN126C, back view

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Product details



Detail image - open, CoreLine batten BN126C



Detail image - back, CoreLine batten BN126C



CoreLine batten, BN126C, installation

General Information	
Driver included	Yes
Number of gear units	Unit
Operating and Electrical	
Protection class IEC	Safety class I
Mechanical and Housing	
Mech. impact protection code	IK04
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

General Information

Order Code	Full Product Name	Light source replaceable	Service Tag
911401835184	BN126C LED100S/840 PSU L1800	No	Yes
911401850487	BN126C LED15S_24S/830_40 PSU L600	-	-
911401850787	BN126C LED64S_100S/830_40 PSU L1800	-	-
911401850587	BN126C LED25S_41S/830_40 PSU L1200	-	-
911401850187	BN126C LED64S/830_40 WIA L1200	-	-
911401850287	BN126C LED64S/830_40 PSD L1200	-	-
911401850687	BN126C LED35S_52S/830_40 PSU L1500	-	-
911401850087	BN126C LED80S/830_40 WIA L1500	-	-
911401850387	BN126C LED80S/830_40 PSD L1500	-	-

Light Technical (1/2)

CoreLine Batten

			Correlated Colour Temperature	Colour rendering index	Luminous efficacy (rated) (nom.)
Order Code	Full Product Name	All-in Type	(Nom)	(CRI)	
911401835184	BN126C LED100S/840 PSU L1800	-	4000 K	>80	130 lm/W
911401850487	BN126C LED15S_24S/ 830_40 PSU L600	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850787	BN126C LED64S_100S/ 830_40 PSU L1800	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850587	BN126C LED25S_41S/ 830_40 PSU L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850187	BN126C LED64S/830_40 WIA L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Optic type
911401835184	BN126C LED100S/840 PSU L1800	10,000 lm	Beam angle 120°
911401850487	BN126C LED15S_24S/830_40 PSU L600	1,500 lm	Symmetrical
911401850787	BN126C LED64S_100S/830_40 PSU L1800	6,400 lm	Symmetrical
911401850587	BN126C LED25S_41S/830_40 PSU L1200	2,500 lm	Symmetrical

Operating and Electrical

					Suitable for random switching
Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	
911401835184	BN126C LED100S/840 PSU L1800	220-240 V	50 or 60 Hz	75 W	Not applicable
911401850487	BN126C LED15S_24S/ 830_40 PSU L600	220 to 240 V	50 to 60 Hz	17 W	No
911401850787	BN126C LED64S_100S/ 830_40 PSU L1800	220 to 240 V	50 to 60 Hz	71 W	No

			Correlated Colour Temperature	Colour rendering index	Luminous efficacy (rated) (nom.)
Order Code	Full Product Name	All-in Type	(Nom)	(CRI)	
911401850287	BN126C LED64S/830_40 PSD L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850687	BN126C LED35S_52S/ 830_40 PSU L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850087	BN126C LED80S/830_40 WIA L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W
911401850387	BN126C LED80S/830_40 PSD L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W

Order Code	Full Product Name	Luminous Flux	Optic type
911401850187	BN126C LED64S/830_40 WIA L1200	6,400 lm	Symmetrical
911401850287	BN126C LED64S/830_40 PSD L1200	6,400 lm	Symmetrical
911401850687	BN126C LED35S_52S/830_40 PSU L1500	3,500 lm	Symmetrical
911401850087	BN126C LED80S/830_40 WIA L1500	8,000 lm	Symmetrical
911401850387	BN126C LED80S/830_40 PSD L1500	8,000 lm	Symmetrical

					Suitable for random switching
Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	
911401850587	BN126C LED25S_41S/ 830_40 PSU L1200	220 to 240 V	50 to 60 Hz	29.5 W	No
911401850187	BN126C LED64S/ 830_40 WIA L1200	220 to 240 V	50 to 60 Hz	45.5 W	No
911401850287	BN126C LED64S/ 830_40 PSD L1200	220 to 240 V	50 to 60 Hz	45.5 W	No
911401850687	BN126C LED35S_52S/ 240 V	220 to 240 V	50 to 60 Hz	37 W	No

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					Suitable for random switching
Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	
	830_40 PSU L1500				
911401850087	BN126C LED80S/830_40 WIA L1500	220 to 240 V	50 to 60 Hz	57 W	No

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401835184	BN126C LED100S/840 PSU L1800	No
911401850487	BN126C LED15S_24S/830_40 PSU L600	No
911401850787	BN126C LED64S_100S/830_40 PSU L1800	No
911401850587	BN126C LED25S_41S/830_40 PSU L1200	No
911401850187	BN126C LED64S/830_40 WIA L1200	Yes

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Ingress protection code
911401835184	BN126C LED100S/840 PSU L1800	White	IP20
911401850487	BN126C LED15S_24S/830_40 PSU L600	White RAL 9003	IP20/40
911401850787	BN126C LED64S_100S/830_40 PSU L1800	White RAL 9003	IP20/40
911401850587	BN126C LED25S_41S/830_40 PSU L1200	White RAL 9003	IP20/40

Emergency Operation

Order Code	Full Product Name	Emergency flux
911401835184	BN126C LED100S/840 PSU L1800	-
911401850487	BN126C LED15S_24S/830_40 PSU L600	-
911401850787	BN126C LED64S_100S/830_40 PSU L1800	-
911401850587	BN126C LED25S_41S/830_40 PSU L1200	330 lm
911401850187	BN126C LED64S/830_40 WIA L1200	300 lm

Approval and Application

Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
911401835184	BN126C LED100S/840 PSU L1800	1	1.6
911401850487	BN126C LED15S_24S/830_40 PSU L600	-	-
911401850787	BN126C LED64S_100S/830_40 PSU L1800	-	-
911401850587	BN126C LED25S_41S/830_40 PSU L1200	-	-
911401850187	BN126C LED64S/830_40 WIA L1200	-	-

					Suitable for random switching
Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	
911401850387	BN126C LED80S/830_40 PSD L1500	220 to 240 V	50 to 60 Hz	57 W	No

Order Code	Full Product Name	Dimmable
911401850287	BN126C LED64S/830_40 PSD L1200	Yes
911401850687	BN126C LED35S_52S/830_40 PSU L1500	No
911401850087	BN126C LED80S/830_40 WIA L1500	Yes
911401850387	BN126C LED80S/830_40 PSD L1500	Yes

Order Code	Full Product Name	Housing Colour	Ingress protection code
911401850187	BN126C LED64S/830_40 WIA L1200	White RAL 9003	IP20/40
911401850287	BN126C LED64S/830_40 PSD L1200	White RAL 9003	IP20/40
911401850687	BN126C LED35S_52S/830_40 PSU L1500	White RAL 9003	IP20/40
911401850087	BN126C LED80S/830_40 WIA L1500	White RAL 9003	IP20/40
911401850387	BN126C LED80S/830_40 PSD L1500	White RAL 9003	IP20/40

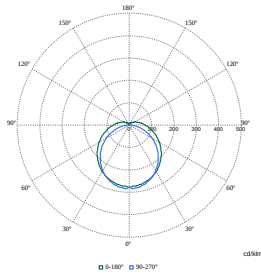
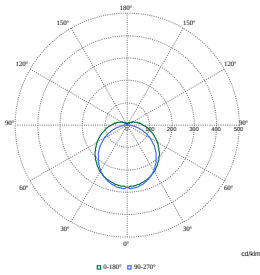
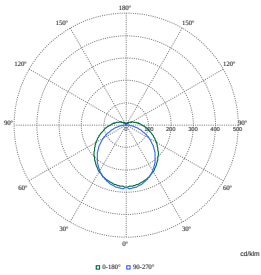
Order Code	Full Product Name	Emergency flux
911401850287	BN126C LED64S/830_40 PSD L1200	300 lm
911401850687	BN126C LED35S_52S/830_40 PSU L1500	330 lm
911401850087	BN126C LED80S/830_40 WIA L1500	300 lm
911401850387	BN126C LED80S/830_40 PSD L1500	300 lm

Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
911401850287	BN126C LED64S/830_40 PSD L1200	-	-
911401850687	BN126C LED35S_52S/830_40 PSU L1500	-	-
911401850087	BN126C LED80S/830_40 WIA L1500	-	-
911401850387	BN126C LED80S/830_40 PSD L1500	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux	Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance				tolerance
911401835184	BN126C LED100S/840 PSU L1800	(0.38, 0.38) SDCM≤3	+/-10%	911401850287	BN126C LED64S/830_40 PSD L1200	(0.43,0.40) SDCM≤3	-10%,+15%
911401850487	BN126C LED15S_24S/830_40 PSU L600	(0.43,0.40) SDCM≤3	-10%,+15%	911401850687	BN126C LED35S_52S/830_40 PSU L1500	(0.43,0.40) SDCM≤3	-10%,+15%
911401850787	BN126C LED64S_100S/830_40 PSU L1800	(0.43,0.40) SDCM≤3	-10%,+15%	911401850087	BN126C LED80S/830_40 WIA L1500	(0.43,0.40) SDCM≤3	-10%,+15%
911401850587	BN126C LED25S_41S/830_40 PSU L1200	(0.43,0.40) SDCM≤3	-10%,+15%	911401850387	BN126C LED80S/830_40 PSD L1500	(0.43,0.40) SDCM≤3	-10%,+15%
911401850187	BN126C LED64S/830_40 WIA L1200	(0.43,0.40) SDCM≤3	-10%,+15%				

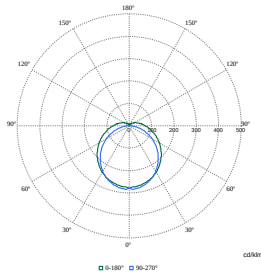
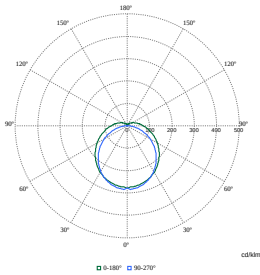
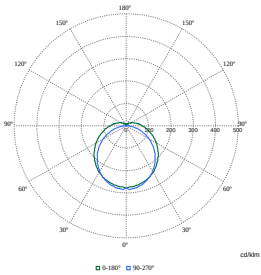
Polar Wide Diagrams



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Polar Normal (separate) - null - 911401835184

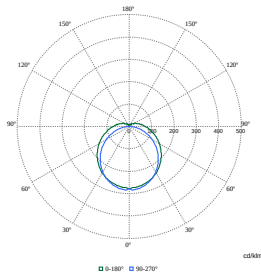
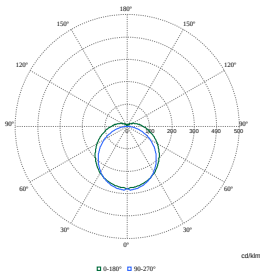
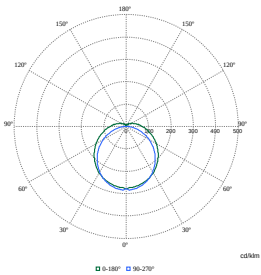
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Polar Normal (separate) - null - 911401850587

Polar Normal (separate) - null - 911401850687

Polar Normal (separate) - null - 911401850187

