



CoreLine Batten – the clear choice for LED

CoreLine Batten

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.

Benefits

- Up to 40% energy savings compared with TL-D
- Reliable LED technology – maintenance free
- Direct replacement for conventional battens in terms of light performance, installation flexibility and length

Features

- Reliable integrated LED technology, ensuring maintenance-free installation and a long lifetime
- Can be used to replace traditional 2x18 W and 2x36 W TL-D battens
- Wide-beam light distribution
- Frosted diffuser ensures visual comfort
- 3 hour emergency lighting versions available

Application

- General area lighting
- Cove lighting
- Assembly lines

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

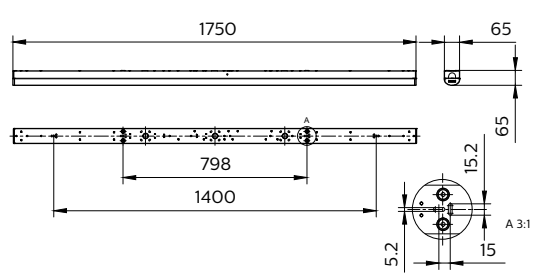
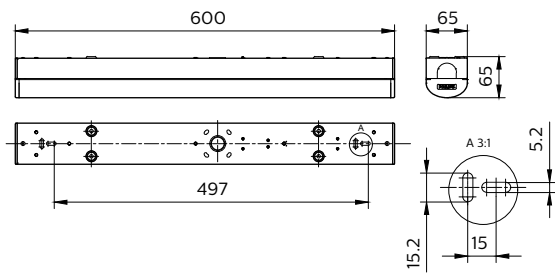
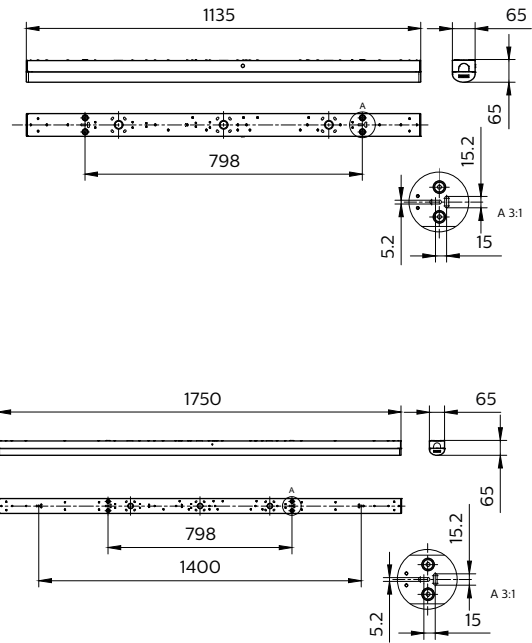
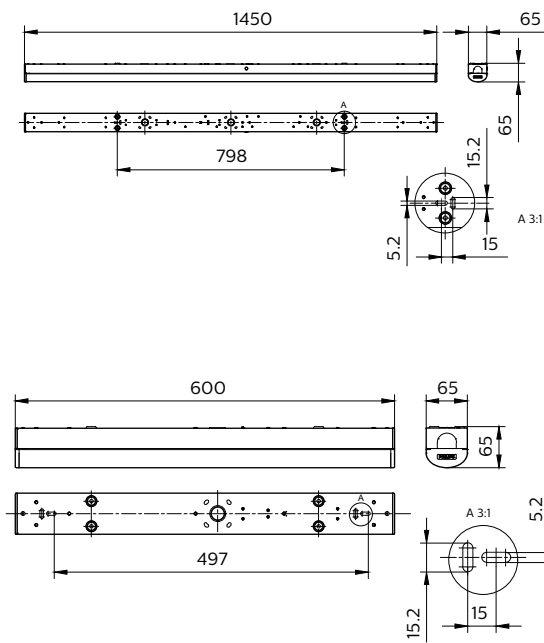
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Versions



Standard, Coreline Batten G3

Dimensional drawing



Product details

CoreLine batten, BN126C, opening



CoreLine batten, BN126C, light-line creation



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Product details



CoreLine batten, BN126C, opening



CoreLine batten, BN126C, light-line creation



CoreLine batten, BN126C, front view



CoreLine batten, BN126C, back view



CoreLine batten, BN126C, installation



General Information	
CE mark	CE mark
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	Unit
Light Technical	
Colour rendering index (CRI)	>80
Optic type	Beam angle 120°
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	-20 to +40 °C
Mechanical and Housing	
Housing Colour	White
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK04
Ingress protection code	IP20
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Application Conditions	
Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Type of emergency lighting battery	Product family code
10024400	BN126C LED52S/840 PSU ELB3 L1500	Lithium	BN126C
10026800	BN126C LED80S/840 WIA L1500	-	BN126C
10229300	BN126C LED74S/830 WIA L1500	-	BN126C
10044200	BN126C LED52S/840 WIA L1500	-	BN126C
10045900	BN126C LED80S/840 PSU ELB3 L1500	Lithium	BN126C
10065700	BN126C LED52S/840 PSD L1500	-	BN126C
10067100	BN126C LED80S/840 PSD L1500	-	BN126C
94882299	BN126C LED35S/840 PSU L1500	-	-
94883999	BN126C LED32S/830 PSU L1500	-	-
94884699	BN126C LED52S/840 PSU L1500	-	-
94885399	BN126C LED48S/830 PSU L1500	-	-
94886099	BN126C LED80S/840 PSU L1500	-	-
94887799	BN126C LED74S/830 PSU L1500	-	-
10021300	BN126C LED41S/840 PSU ELB3 L1200	Lithium	BN126C
10022000	BN126C LED64S/840 WIA L1200	-	BN126C
10043500	BN126C LED41S/840 WIA L1200	-	BN126C
10063300	BN126C LED60S/830 WIA L1200	-	BN126C
10064000	BN126C LED41S/840 PSD L1200	-	BN126C
10066400	BN126C LED64S/840 PSD L1200	-	BN126C
94876199	BN126C LED25S/840 PSU L1200	-	-
94877899	BN126C LED23S/830 PSU L1200	-	-
94878599	BN126C LED41S/840 PSU L1200	-	-
94879299	BN126C LED38S/830 PSU L1200	-	-
94880899	BN126C LED64S/840 PSU L1200	-	-
94881599	BN126C LED60S/830 PSU L1200	-	-
94888499	BN126C LED64S/840 PSU L1800	-	-
94889199	BN126C LED60S/830 PSU L1800	-	-
94890799	BN126C LED100S/840 PSU L1800	-	-
94891499	BN126C LED94S/830 PSU L1800	-	-
94874799	BN126C LED22S/840 PSU L600	-	-
94875499	BN126C LED20S/830 PSU L600	-	-

Light Technical

		Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux
Order Code	Full Product Name			
10024400	BN126C LED52S/840 PSU ELB3 L1500	4000 K	118 lm/W	5,200 lm
10026800	BN126C LED80S/840 WIA L1500	4000 K	125 lm/W	8,000 lm
10229300	BN126C LED74S/830 WIA L1500	3000 K	116 lm/W	7,400 lm
10044200	BN126C LED52S/840 WIA L1500	4000 K	118 lm/W	5,200 lm

		Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux
Order Code	Full Product Name			
10045900	BN126C LED80S/840 PSU ELB3 L1500	4000 K	125 lm/W	8,000 lm
10065700	BN126C LED52S/840 PSD L1500	4000 K	121 lm/W	5,200 lm
10067100	BN126C LED80S/840 PSD L1500	4000 K	127 lm/W	8,000 lm
94882299	BN126C LED35S/840 PSU L1500	4000 K	137 lm/W	3,500 lm

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Order Code	Full Product Name	Correlated	Luminous	Luminous
		Colour Temperature	efficacy (rated) (nom.)	
94883999	BN126C LED32S/830 PSU L1500	3000 K	125 lm/W	3,200 lm
94884699	BN126C LED52S/840 PSU L1500	4000 K	130 lm/W	5,200 lm
94885399	BN126C LED48S/830 PSU L1500	3000 K	120 lm/W	4,800 lm
94886099	BN126C LED80S/840 PSU L1500	4000 K	136 lm/W	8,000 lm
94887799	BN126C LED74S/830 PSU L1500	3000 K	125 lm/W	7,400 lm
10021300	BN126C LED41S/840 PSU ELB3 L1200	4000 K	114 lm/W	4,100 lm
10022000	BN126C LED64S/840 WIA L1200	4000 K	119 lm/W	6,400 lm
10043500	BN126C LED41S/840 WIA L1200	4000 K	121 lm/W	4,100 lm
10063300	BN126C LED60S/830 WIA L1200	3000 K	111 lm/W	6,000 lm
10064000	BN126C LED41S/840 PSD L1200	4000 K	121 lm/W	4,100 lm
10066400	BN126C LED64S/840 PSD L1200	4000 K	119 lm/W	6,400 lm
94876199	BN126C LED25S/840 PSU L1200	4000 K	139 lm/W	2,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
10024400	BN126C LED52S/840 PSU ELB3 L1500	44 W
10026800	BN126C LED80S/840 WIA L1500	64 W
10229300	BN126C LED74S/830 WIA L1500	64 W
10044200	BN126C LED52S/840 WIA L1500	44 W
10045900	BN126C LED80S/840 PSU ELB3 L1500	64 W
10065700	BN126C LED52S/840 PSD L1500	43 W
10067100	BN126C LED80S/840 PSD L1500	63 W
94882299	BN126C LED35S/840 PSU L1500	25.5 W
94883999	BN126C LED32S/830 PSU L1500	25.5 W
94884699	BN126C LED52S/840 PSU L1500	40 W
94885399	BN126C LED48S/830 PSU L1500	40 W
94886099	BN126C LED80S/840 PSU L1500	59 W
94887799	BN126C LED74S/830 PSU L1500	59 W
10021300	BN126C LED41S/840 PSU ELB3 L1200	36 W
10022000	BN126C LED64S/840 WIA L1200	54 W
10043500	BN126C LED41S/840 WIA L1200	34 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
10024400	BN126C LED52S/840 PSU ELB3 L1500	No

Order Code	Full Product Name	Correlated	Luminous	Luminous
		Colour Temperature	efficacy (rated) (nom.)	
94877899	BN126C LED23S/830 PSU L1200	3000 K	128 lm/W	2,300 lm
94878599	BN126C LED41S/840 PSU L1200	4000 K	130 lm/W	4,100 lm
94879299	BN126C LED38S/830 PSU L1200	3000 K	120 lm/W	3,800 lm
94880899	BN126C LED64S/840 PSU L1200	4000 K	130 lm/W	6,400 lm
94881599	BN126C LED60S/830 PSU L1200	3000 K	120 lm/W	6,000 lm
94888499	BN126C LED64S/840 PSU L1800	4000 K	130 lm/W	6,400 lm
94889199	BN126C LED60S/830 PSU L1800	3000 K	120 lm/W	6,000 lm
94890799	BN126C LED100S/840 PSU L1800	4000 K	130 lm/W	10,000 lm
94891499	BN126C LED94S/830 PSU L1800	3000 K	125 lm/W	9,400 lm
94874799	BN126C LED22S/840 PSU L600	4000 K	130 lm/W	2,200 lm
94875499	BN126C LED20S/830 PSU L600	3000 K	118 lm/W	2,000 lm

Order Code	Full Product Name	Power Consumption
10063300	BN126C LED60S/830 WIA L1200	54 W
10064000	BN126C LED41S/840 PSD L1200	34 W
10066400	BN126C LED64S/840 PSD L1200	54 W
94876199	BN126C LED25S/840 PSU L1200	18 W
94877899	BN126C LED23S/830 PSU L1200	18 W
94878599	BN126C LED41S/840 PSU L1200	31 W
94879299	BN126C LED38S/830 PSU L1200	31 W
94880899	BN126C LED64S/840 PSU L1200	49 W
94881599	BN126C LED60S/830 PSU L1200	49 W
94888499	BN126C LED64S/840 PSU L1800	49 W
94889199	BN126C LED60S/830 PSU L1800	49 W
94890799	BN126C LED100S/840 PSU L1800	75 W
94891499	BN126C LED94S/830 PSU L1800	75 W
94874799	BN126C LED22S/840 PSU L600	17 W
94875499	BN126C LED20S/830 PSU L600	17 W

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Order Code	Full Product Name	Dimmable
10229300	BN126C LED74S/830 WIA L1500	Yes
10044200	BN126C LED52S/840 WIA L1500	Yes
10045900	BN126C LED80S/840 PSU ELB3 L1500	No
10065700	BN126C LED52S/840 PSD L1500	Yes
10067100	BN126C LED80S/840 PSD L1500	Yes
94882299	BN126C LED35S/840 PSU L1500	No
94883999	BN126C LED32S/830 PSU L1500	No
94884699	BN126C LED52S/840 PSU L1500	No
94885399	BN126C LED48S/830 PSU L1500	No
94886099	BN126C LED80S/840 PSU L1500	No
94887799	BN126C LED74S/830 PSU L1500	No
10021300	BN126C LED41S/840 PSU ELB3 L1200	No
10022000	BN126C LED64S/840 WIA L1200	Yes
10043500	BN126C LED41S/840 WIA L1200	Yes
10063300	BN126C LED60S/830 WIA L1200	Yes

Order Code	Full Product Name	Dimmable
10064000	BN126C LED41S/840 PSD L1200	Yes
10066400	BN126C LED64S/840 PSD L1200	Yes
94876199	BN126C LED25S/840 PSU L1200	No
94877899	BN126C LED23S/830 PSU L1200	No
94878599	BN126C LED41S/840 PSU L1200	No
94879299	BN126C LED38S/830 PSU L1200	No
94880899	BN126C LED64S/840 PSU L1200	No
94881599	BN126C LED60S/830 PSU L1200	No
94888499	BN126C LED64S/840 PSU L1800	No
94889199	BN126C LED60S/830 PSU L1800	No
94890799	BN126C LED100S/840 PSU L1800	No
94891499	BN126C LED94S/830 PSU L1800	No
94874799	BN126C LED22S/840 PSU L600	No
94875499	BN126C LED20S/830 PSU L600	No

Emergency Operation

Order Code	Full Product Name	Emergency	
		Emergency flux	Power
10024400	BN126C LED52S/840 PSU ELB3 L1500	500 lm	4.8 W
10026800	BN126C LED80S/840 WIA L1500	-	-
10229300	BN126C LED74S/830 WIA L1500	-	-
10044200	BN126C LED52S/840 WIA L1500	-	-
10045900	BN126C LED80S/840 PSU ELB3 L1500	500 lm	4.8 W
10065700	BN126C LED52S/840 PSD L1500	-	-
10067100	BN126C LED80S/840 PSD L1500	-	-
94882299	BN126C LED35S/840 PSU L1500	-	-
94883999	BN126C LED32S/830 PSU L1500	-	-
94884699	BN126C LED52S/840 PSU L1500	-	-
94885399	BN126C LED48S/830 PSU L1500	-	-
94886099	BN126C LED80S/840 PSU L1500	-	-
94887799	BN126C LED74S/830 PSU L1500	-	-
10021300	BN126C LED41S/840 PSU ELB3 L1200	480 lm	4.8 W
10022000	BN126C LED64S/840 WIA L1200	-	-
10043500	BN126C LED41S/840 WIA L1200	-	-

Order Code	Full Product Name	Emergency	
		Emergency flux	Power
10063300	BN126C LED60S/830 WIA L1200	-	-
10064000	BN126C LED41S/840 PSD L1200	-	-
10066400	BN126C LED64S/840 PSD L1200	-	-
94876199	BN126C LED25S/840 PSU L1200	-	-
94877899	BN126C LED23S/830 PSU L1200	-	-
94878599	BN126C LED41S/840 PSU L1200	-	-
94879299	BN126C LED38S/830 PSU L1200	-	-
94880899	BN126C LED64S/840 PSU L1200	-	-
94881599	BN126C LED60S/830 PSU L1200	-	-
94888499	BN126C LED64S/840 PSU L1800	-	-
94889199	BN126C LED60S/830 PSU L1800	-	-
94890799	BN126C LED100S/840 PSU L1800	-	-
94891499	BN126C LED94S/830 PSU L1800	-	-
94874799	BN126C LED22S/840 PSU L600	-	-
94875499	BN126C LED20S/830 PSU L600	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
10024400	BN126C LED52S/840 PSU ELB3 L1500	(0.38, 0.38) SDCM≤3
10026800	BN126C LED80S/840 WIA L1500	(0.38, 0.38) SDCM≤3
10229300	BN126C LED74S/830 WIA L1500	(0.43, 0.40) SDCM≤3
10044200	BN126C LED52S/840 WIA L1500	(0.38, 0.38) SDCM≤3
10045900	BN126C LED80S/840 PSU ELB3 L1500	(0.38, 0.38) SDCM≤3
10065700	BN126C LED52S/840 PSD L1500	(0.38, 0.38) SDCM≤3
10067100	BN126C LED80S/840 PSD L1500	(0.38, 0.38) SDCM≤3
94882299	BN126C LED35S/840 PSU L1500	(0.38, 0.38) SDCM≤3
94883999	BN126C LED32S/830 PSU L1500	(0.43, 0.40) SDCM≤3
94884699	BN126C LED52S/840 PSU L1500	(0.38, 0.38) SDCM≤3
94885399	BN126C LED48S/830 PSU L1500	(0.43, 0.40) SDCM≤3

Order Code	Full Product Name	Initial chromaticity
94886099	BN126C LED80S/840 PSU L1500	(0.38, 0.38) SDCM≤3
94887799	BN126C LED74S/830 PSU L1500	(0.43, 0.40) SDCM≤3
10021300	BN126C LED41S/840 PSU ELB3 L1200	(0.38, 0.38) SDCM≤3
10022000	BN126C LED64S/840 WIA L1200	(0.38, 0.38) SDCM≤3
10043500	BN126C LED41S/840 WIA L1200	(0.38, 0.38) SDCM≤3
10063300	BN126C LED60S/830 WIA L1200	(0.43, 0.40) SDCM≤3
10064000	BN126C LED41S/840 PSD L1200	(0.38, 0.38) SDCM≤3
10066400	BN126C LED64S/840 PSD L1200	(0.38, 0.38) SDCM≤3
94876199	BN126C LED25S/840 PSU L1200	(0.38, 0.38) SDCM≤3
94877899	BN126C LED23S/830 PSU L1200	(0.43, 0.40) SDCM≤3
94878599	BN126C LED41S/840 PSU L1200	(0.38, 0.38) SDCM≤3

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Order Code	Full Product Name	Initial chromaticity
94879299	BN126C LED38S/830 PSU L1200	(0.43, 0.40) SDCM≤3
94880899	BN126C LED64S/840 PSU L1200	(0.38, 0.38) SDCM≤3
94881599	BN126C LED60S/830 PSU L1200	(0.43, 0.40) SDCM≤3
94888499	BN126C LED64S/840 PSU L1800	(0.38, 0.38) SDCM≤3
94889199	BN126C LED60S/830 PSU L1800	(0.43, 0.40) SDCM≤3

Order Code	Full Product Name	Initial chromaticity
94890799	BN126C LED100S/840 PSU L1800	(0.38, 0.38) SDCM≤3
94891499	BN126C LED94S/830 PSU L1800	(0.43, 0.40) SDCM≤3
94874799	BN126C LED22S/840 PSU L600	(0.38, 0.38) SDCM≤3
94875499	BN126C LED20S/830 PSU L600	(0.43, 0.40) SDCM≤3

