



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

Application

- General area lighting
- Cove lighting
- Assembly lines

Warnings and Safety

- The product is IPX0 & 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

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Versions



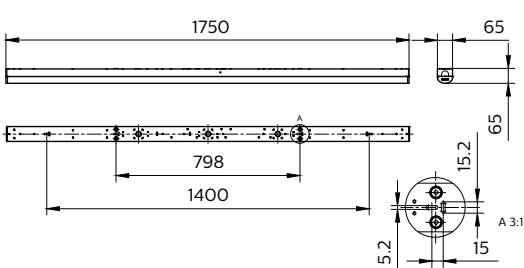
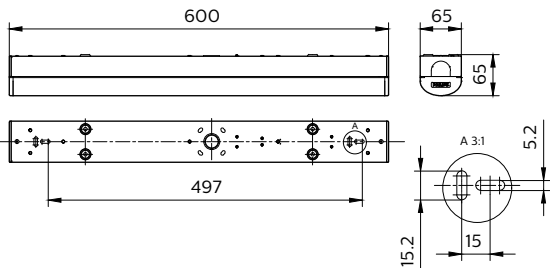
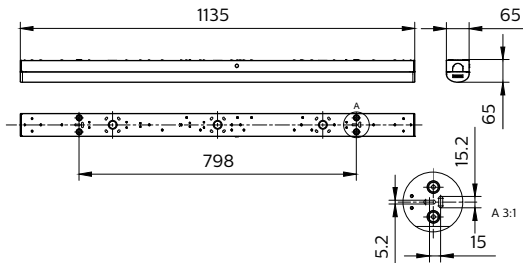
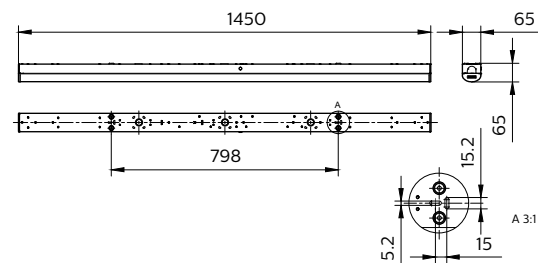
Standard, Coreline Batten G3

Standard, Coreline Batten G3

Standard, Coreline Batten G3

CoreLine batten All in L1200

Dimensional drawing



Product details

CoreLine batten, BN126C, opening



CoreLine batten, BN126C, light-line creation



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Product details



CoreLine batten All in, BN126C, easy lumen switch



CoreLine batten, BN126C, opening



CoreLine batten, BN126C, light-line creation



CoreLine batten All in L1200



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	1 unit
Light Technical	
Color rendering index (CRI)	>80
Optic type	Beam angle 120°
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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 Color	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%

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	-	-
50051899	BN126C LED25_41_64S/840 PSU L1200	-	-
94874799	BN126C LED22S/840 PSU L600	-	-
94875499	BN126C LED20S/830 PSU L600	-	-

Light Technical

Order Code	Full Product Name	Type	Correlated Color Temperature	Luminous Efficacy	Luminous Flux
			"All-in" (Nom)	(rated) (Nom)	
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

Order Code	Full Product Name	Type	Correlated Color Temperature	Luminous Efficacy	Luminous Flux
			"All-in" (Nom)	(rated) (Nom)	
10044200	BN126C LED52S/840 WIA L1500	-	4000 K	118 lm/W	5,200 lm
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

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Order Code	Full Product Name	"All-in" Type	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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
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

Order Code	Full Product Name	"All-in" Type	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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
50051899	BN126C LED25_41_64S/840 PSU L1200	"All-in" Multi Lumen	4000 K	133 lm/W	2,500 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

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

Order Code	Full Product Name	Power Consumption
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
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

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Order Code	Full Product Name	Power Consumption
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

Order Code	Full Product Name	Power Consumption
94889199	BN126C LED60S/830 PSU L1800	49 W
94890799	BN126C LED100S/840 PSU L1800	75 W
94891499	BN126C LED94S/830 PSU L1800	75 W
50051899	BN126C LED25_41_64S/840 PSU L1200	48 W
94874799	BN126C LED22S/840 PSU L600	17 W
94875499	BN126C LED20S/830 PSU L600	17 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
10024400	BN126C LED52S/840 PSU ELB3 L1500	No
10026800	BN126C LED80S/840 WIA L1500	Yes
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

Order Code	Full Product Name	Dimmable
10063300	BN126C LED60S/830 WIA L1200	Yes
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
50051899	BN126C LED25_41_64S/840 PSU L1200	No
94874799	BN126C LED22S/840 PSU L600	No
94875499	BN126C LED20S/830 PSU L600	No

Emergency Operation

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode
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 flux	Power consumption during Central DC emergency mode
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	-	-
50051899	BN126C LED25_41_64S/840 PSU L1200	-	-
94874799	BN126C LED22S/840 PSU L600	-	-
94875499	BN126C LED20S/830 PSU L600	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
10024400	BN126C LED52S/840 PSU ELB3 L1500	(0.38, 0.38) SDCM \leq 3	10063300	BN126C LED60S/830 WIA L1200	(0.43, 0.40) SDCM \leq 3
10026800	BN126C LED80S/840 WIA L1500	(0.38, 0.38) SDCM \leq 3	10064000	BN126C LED41S/840 PSD L1200	(0.38, 0.38) SDCM \leq 3
10229300	BN126C LED74S/830 WIA L1500	(0.43, 0.40) SDCM \leq 3	10066400	BN126C LED64S/840 PSD L1200	(0.38, 0.38) SDCM \leq 3
10044200	BN126C LED52S/840 WIA L1500	(0.38, 0.38) SDCM \leq 3	94876199	BN126C LED25S/840 PSU L1200	(0.38, 0.38) SDCM \leq 3
10045900	BN126C LED80S/840 PSU ELB3 L1500	(0.38, 0.38) SDCM \leq 3	94877899	BN126C LED23S/830 PSU L1200	(0.43, 0.40) SDCM \leq 3
10065700	BN126C LED52S/840 PSD L1500	(0.38, 0.38) SDCM \leq 3	94878599	BN126C LED41S/840 PSU L1200	(0.38, 0.38) SDCM \leq 3
10067100	BN126C LED80S/840 PSD L1500	(0.38, 0.38) SDCM \leq 3	94879299	BN126C LED38S/830 PSU L1200	(0.43, 0.40) SDCM \leq 3
94882299	BN126C LED35S/840 PSU L1500	(0.38, 0.38) SDCM \leq 3	94880899	BN126C LED64S/840 PSU L1200	(0.38, 0.38) SDCM \leq 3
94883999	BN126C LED32S/830 PSU L1500	(0.43, 0.40) SDCM \leq 3	94881599	BN126C LED60S/830 PSU L1200	(0.43, 0.40) SDCM \leq 3
94884699	BN126C LED52S/840 PSU L1500	(0.38, 0.38) SDCM \leq 3	94888499	BN126C LED64S/840 PSU L1800	(0.38, 0.38) SDCM \leq 3
94885399	BN126C LED48S/830 PSU L1500	(0.43, 0.40) SDCM \leq 3	94889199	BN126C LED60S/830 PSU L1800	(0.43, 0.40) SDCM \leq 3
94886099	BN126C LED80S/840 PSU L1500	(0.38, 0.38) SDCM \leq 3	94890799	BN126C LED100S/840 PSU L1800	(0.38, 0.38) SDCM \leq 3
94887799	BN126C LED74S/830 PSU L1500	(0.43, 0.40) SDCM \leq 3	94891499	BN126C LED94S/830 PSU L1800	(0.43, 0.40) SDCM \leq 3
10021300	BN126C LED41S/840 PSU ELB3 L1200	(0.38, 0.38) SDCM \leq 3	50051899	BN126C LED25_41_64S/840 PSU L1200	(0.38, 0.38) SDCM \leq 3
10022000	BN126C LED64S/840 WIA L1200	(0.38, 0.38) SDCM \leq 3	94874799	BN126C LED22S/840 PSU L600	(0.38, 0.38) SDCM \leq 3
10043500	BN126C LED41S/840 WIA L1200	(0.38, 0.38) SDCM \leq 3	94875499	BN126C LED20S/830 PSU L600	(0.43, 0.40) SDCM \leq 3

Application Conditions

Order Code	Full Product Name	Suitable for random switching	Order Code	Full Product Name	Suitable for random switching
10024400	BN126C LED52S/840 PSU ELB3 L1500	Not applicable	10063300	BN126C LED60S/830 WIA L1200	Not applicable
10026800	BN126C LED80S/840 WIA L1500	Not applicable	10064000	BN126C LED41S/840 PSD L1200	Not applicable
10229300	BN126C LED74S/830 WIA L1500	Not applicable	10066400	BN126C LED64S/840 PSD L1200	Not applicable
10044200	BN126C LED52S/840 WIA L1500	Not applicable	94876199	BN126C LED25S/840 PSU L1200	Not applicable
10045900	BN126C LED80S/840 PSU ELB3 L1500	Not applicable	94877899	BN126C LED23S/830 PSU L1200	Not applicable
10065700	BN126C LED52S/840 PSD L1500	Not applicable	94878599	BN126C LED41S/840 PSU L1200	Not applicable
10067100	BN126C LED80S/840 PSD L1500	Not applicable	94879299	BN126C LED38S/830 PSU L1200	Not applicable
94882299	BN126C LED35S/840 PSU L1500	Not applicable	94880899	BN126C LED64S/840 PSU L1200	Not applicable
94883999	BN126C LED32S/830 PSU L1500	Not applicable	94881599	BN126C LED60S/830 PSU L1200	Not applicable
94884699	BN126C LED52S/840 PSU L1500	Not applicable	94888499	BN126C LED64S/840 PSU L1800	Not applicable
94885399	BN126C LED48S/830 PSU L1500	Not applicable	94889199	BN126C LED60S/830 PSU L1800	Not applicable
94886099	BN126C LED80S/840 PSU L1500	Not applicable	94890799	BN126C LED100S/840 PSU L1800	Not applicable
94887799	BN126C LED74S/830 PSU L1500	Not applicable	94891499	BN126C LED94S/830 PSU L1800	Not applicable
10021300	BN126C LED41S/840 PSU ELB3 L1200	Not applicable	50051899	BN126C LED25_41_64S/840 PSU L1200	Yes
10022000	BN126C LED64S/840 WIA L1200	Not applicable	94874799	BN126C LED22S/840 PSU L600	Not applicable
10043500	BN126C LED41S/840 WIA L1200	Not applicable	94875499	BN126C LED20S/830 PSU L600	Not applicable

