



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

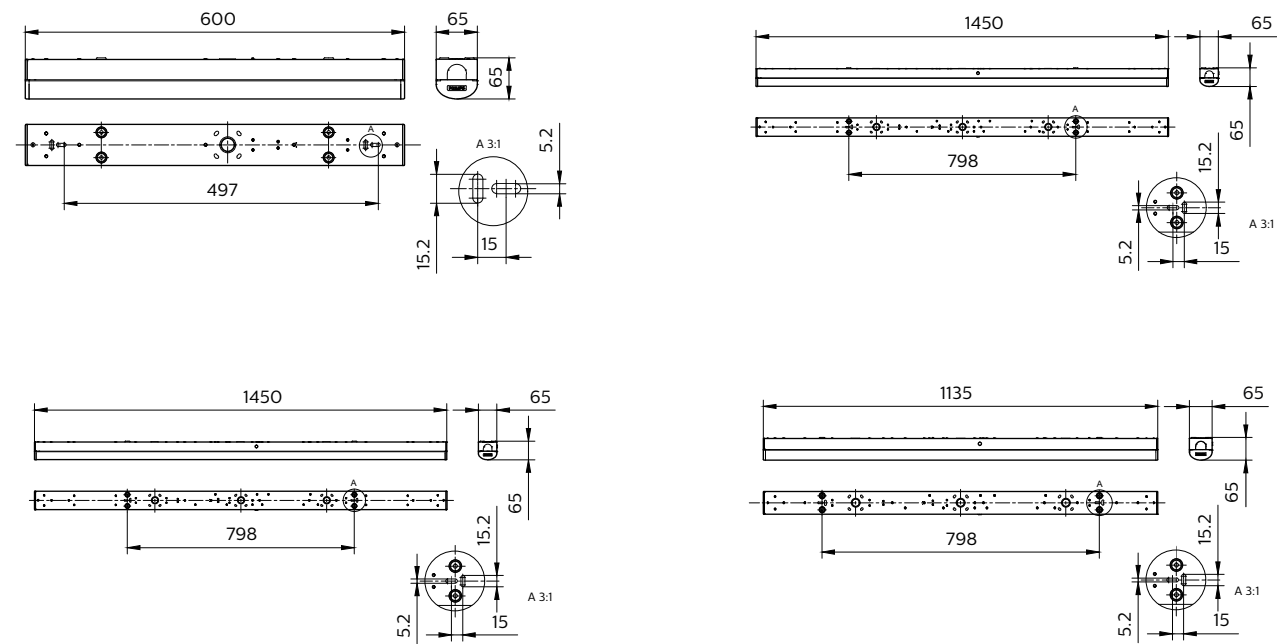
- The product is IPX0 & as such is not protected against water ingress and as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee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

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Versions

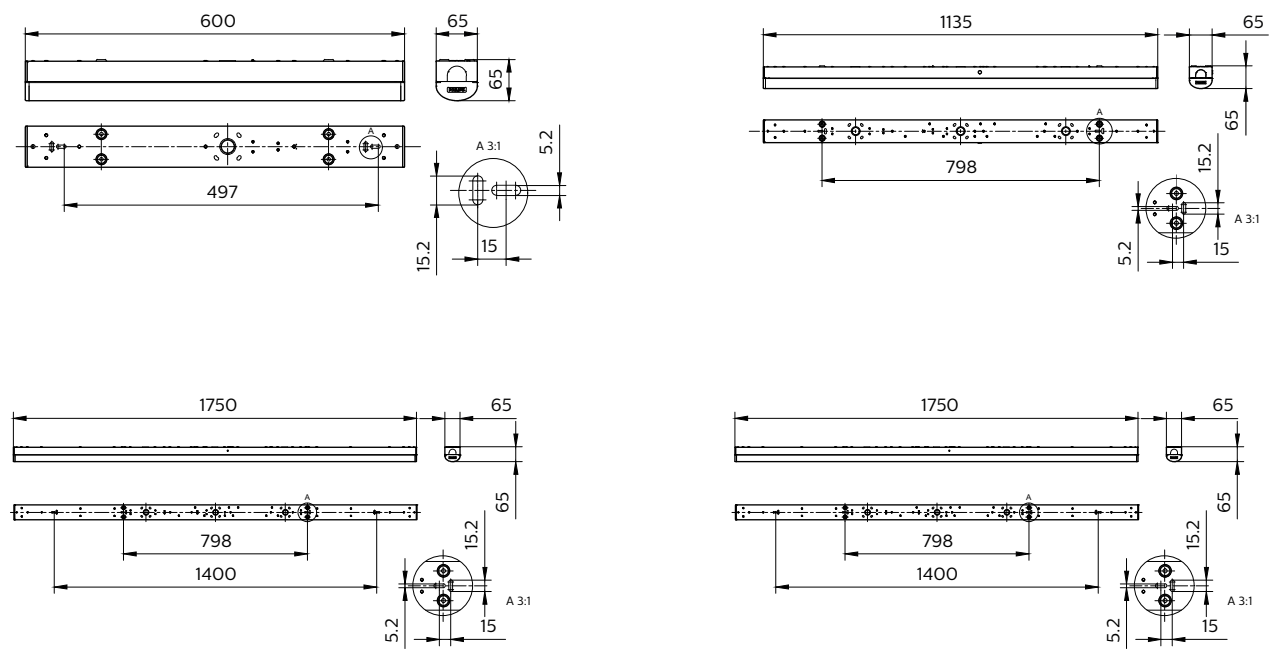


Dimensional drawing



CoreLine Batten

Dimensional drawing

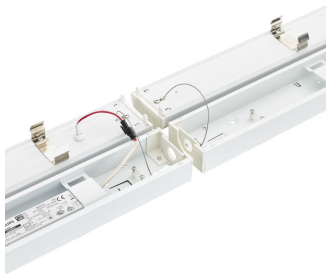


Product details

CoreLine batten, BN126C, opening



Detail image - open, CoreLine batten BN126C



CoreLine batten, BN126C, light-line creation



Detail image - ending, CoreLine batten BN126C



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Product details



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



Detail image - open, CoreLine batten BN126C



Detail image - back, CoreLine batten BN126C

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Product details



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
10065700	BN126C LED52S/840 PSD L1500	No	Yes
10067100	BN126C LED80S/840 PSD L1500	No	Yes
94882299	BN126C LED35S/840 PSU L1500	No	Yes
94884699	BN126C LED52S/840 PSU L1500	No	Yes
94886099	BN126C LED80S/840 PSU L1500	No	Yes
10021300	BN126C LED41S/840 PSU ELB3 L1200	No	Yes
10064000	BN126C LED41S/840 PSD L1200	No	Yes
94878599	BN126C LED41S/840 PSU L1200	No	Yes
94880899	BN126C LED64S/840 PSU L1200	No	Yes
94890799	BN126C LED100S/840 PSU L1800	No	Yes
76839099	BN126C LED15S_24S/830_40 PSU L600	-	-
76835299	BN126C LED80S/830_40 WIA L1500	-	-
76838399	BN126C LED80S/830_40 PSD L1500	-	-
76841399	BN126C LED35S_52S/830_40 PSU L1500	-	-
94874799	BN126C LED22S/840 PSU L600	No	Yes
76836999	BN126C LED64S/830_40 WIA L1200	-	-
76837699	BN126C LED64S/830_40 PSD L1200	-	-
76840699	BN126C LED25S_41S/830_40 PSU L1200	-	-
76842099	BN126C LED64S_100S/830_40 PSU L1800	-	-

Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
10065700	BN126C LED52S/840 PSD L1500	-	4000 K	>80	121 lm/W
10067100	BN126C LED80S/840 PSD L1500	-	4000 K	>80	127 lm/W
94882299	BN126C LED35S/840 PSU L1500	-	4000 K	>80	137 lm/W

Order Code	Full Product Name	All-in Type	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
94884699	BN126C LED52S/840 PSU L1500	-	4000 K	>80	130 lm/W
94886099	BN126C LED80S/840 PSU L1500	-	4000 K	>80	136 lm/W
10021300	BN126C LED41S/840 PSU ELB3 L1200	-	4000 K	>80	114 lm/W

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Order	Full Product		Correlated	Colour	Luminous
			Colour	rendering	efficacy
Code	Name	All-in Type	Temperature	index	(rated)
			(Nom)	(CRI)	(nom.)
10064000	BN126C LED41S/840 PSD L1200	-	4000 K	>80	121 lm/W
94878599	BN126C LED41S/840 PSU L1200	-	4000 K	>80	130 lm/W
94880899	BN126C LED64S/840 PSU L1200	-	4000 K	>80	130 lm/W
94890799	BN126C LED100S/840 PSU L1800	-	4000 K	>80	130 lm/W
76839099	BN126C LED15S_24S/ 830_40 PSU L600	All-in, Multi Color Temperature	3000 K	80	140 lm/W
76835299	BN126C LED80S/ 830_40 WIA L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W
76838399	BN126C LED80S/ 830_40 PSD L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Optic type
10065700	BN126C LED52S/840 PSD L1500	5,200 lm	Beam angle 120°
10067100	BN126C LED80S/840 PSD L1500	8,000 lm	Beam angle 120°
94882299	BN126C LED35S/840 PSU L1500	3,500 lm	Beam angle 120°
94884699	BN126C LED52S/840 PSU L1500	5,200 lm	Beam angle 120°
94886099	BN126C LED80S/840 PSU L1500	8,000 lm	Beam angle 120°
10021300	BN126C LED41S/840 PSU ELB3 L1200	4,100 lm	Beam angle 120°
10064000	BN126C LED41S/840 PSD L1200	4,100 lm	Beam angle 120°
94878599	BN126C LED41S/840 PSU L1200	4,100 lm	Beam angle 120°
94880899	BN126C LED64S/840 PSU L1200	6,400 lm	Beam angle 120°
94890799	BN126C LED100S/840 PSU L1800	10,000 lm	Beam angle 120°
76839099	BN126C LED15S_24S/830_40 PSU L600	1,500 lm	Symmetrical

Operating and Electrical

Order	Full Product		Input	Line	Power	Suitable
						for random
Code	Name	Voltage	Frequency	Consumption	switching	
10065700	BN126C LED52S/840 PSD L1500	220-240 V	50 or 60 Hz	43 W	Not applicable	

Order	Full Product		Correlated	Colour	Luminous
			Colour	rendering	efficacy
Code	Name	All-in Type	Temperature	index	(rated)
			(Nom)	(CRI)	(nom.)
76841399	BN126C LED35S_52S/ 830_40 PSU L1500	All-in, Multi Color Temperature	3000 K	80	140 lm/W
94874799	BN126C LED22S/840 PSU L600	-	4000 K	>80	130 lm/W
76836999	BN126C LED64S/ 830_40 WIA L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W
76837699	BN126C LED64S/ 830_40 PSD L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W
76840699	BN126C LED25S_41S/ 830_40 PSU L1200	All-in, Multi Color Temperature	3000 K	80	140 lm/W
76842099	BN126C LED64S_100S/ 830_40 PSU L1800	All-in, Multi Color Temperature	3000 K	80	140 lm/W

Order Code	Full Product Name	Luminous Flux	Optic type
76835299	BN126C LED80S/830_40 WIA L1500	8,000 lm	Symmetrical
76838399	BN126C LED80S/830_40 PSD L1500	8,000 lm	Symmetrical
76841399	BN126C LED35S_52S/830_40 PSU L1500	3,500 lm	Symmetrical
94874799	BN126C LED22S/840 PSU L600	2,200 lm	Beam angle 120°
76836999	BN126C LED64S/830_40 WIA L1200	6,400 lm	Symmetrical
76837699	BN126C LED64S/830_40 PSD L1200	6,400 lm	Symmetrical
76840699	BN126C LED25S_41S/830_40 PSU L1200	2,500 lm	Symmetrical
76842099	BN126C LED64S_100S/830_40 PSU L1800	6,400 lm	Symmetrical

Order	Full Product		Input	Line	Power	Suitable
						for random
Code	Name	Voltage	Frequency	Consumption	switching	
10067100	BN126C LED80S/840 PSD L1500	220-240 V	50 or 60 Hz	63 W	Not applicable	

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Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	Suitable for random switching
94882299	BN126C LED35S/840 PSU L1500	220-240 V	50 or 60 Hz	25.5 W	Not applicable
94884699	BN126C LED52S/840 PSU L1500	220-240 V	50 or 60 Hz	40 W	Not applicable
94886099	BN126C LED80S/840 PSU L1500	220-240 V	50 or 60 Hz	59 W	Not applicable
10021300	BN126C LED41S/840 PSU ELB3 L1200	220-240 V	50 or 60 Hz	39 W	Not applicable
10064000	BN126C LED41S/840 PSD L1200	220-240 V	50 or 60 Hz	34 W	Not applicable
94878599	BN126C LED41S/840 PSU L1200	220-240 V	50 or 60 Hz	31 W	Not applicable
94880899	BN126C LED64S/840 PSU L1200	220-240 V	50 or 60 Hz	49 W	Not applicable
94890799	BN126C LED100S/840 PSU L1800	220-240 V	50 or 60 Hz	75 W	Not applicable
76839099	BN126C LED15S_24S/830_40 PSU L600	220 to 240 V	50 to 60 Hz	17 W	No

Controls and Dimming

Order Code	Full Product Name	Dimmable
10065700	BN126C LED52S/840 PSD L1500	Yes
10067100	BN126C LED80S/840 PSD L1500	Yes
94882299	BN126C LED35S/840 PSU L1500	No
94884699	BN126C LED52S/840 PSU L1500	No
94886099	BN126C LED80S/840 PSU L1500	No
10021300	BN126C LED41S/840 PSU ELB3 L1200	No
10064000	BN126C LED41S/840 PSD L1200	Yes
94878599	BN126C LED41S/840 PSU L1200	No
94880899	BN126C LED64S/840 PSU L1200	No
94890799	BN126C LED100S/840 PSU L1800	No

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Ingress protection code
10065700	BN126C LED52S/840 PSD L1500	White	IP20
10067100	BN126C LED80S/840 PSD L1500	White	IP20

Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	Suitable for random switching
76835299	BN126C LED80S/830_40 WIA L1500	220 to 240 V	50 to 60 Hz	57 W	No
76838399	BN126C LED80S/830_40 PSD L1500	220 to 240 V	50 to 60 Hz	57 W	No
76841399	BN126C LED35S_52S/830_40 PSU L1500	220 to 240 V	50 to 60 Hz	37 W	No
94874799	BN126C LED22S/840 PSU L600	220-240 V	50 or 60 Hz	17 W	Not applicable
76836999	BN126C LED64S/830_40 WIA L1200	220 to 240 V	50 to 60 Hz	45.5 W	No
76837699	BN126C LED64S/830_40 PSD L1200	220 to 240 V	50 to 60 Hz	45.5 W	No
76840699	BN126C LED25S_41S/830_40 PSU L1200	220 to 240 V	50 to 60 Hz	29.5 W	No
76842099	BN126C LED64S_100S/830_40 PSU L1800	220 to 240 V	50 to 60 Hz	71 W	No

Order Code	Full Product Name	Dimmable
76839099	BN126C LED15S_24S/830_40 PSU L600	No
76835299	BN126C LED80S/830_40 WIA L1500	Yes
76838399	BN126C LED80S/830_40 PSD L1500	Yes
76841399	BN126C LED35S_52S/830_40 PSU L1500	No
94874799	BN126C LED22S/840 PSU L600	No
76836999	BN126C LED64S/830_40 WIA L1200	Yes
76837699	BN126C LED64S/830_40 PSD L1200	Yes
76840699	BN126C LED25S_41S/830_40 PSU L1200	No
76842099	BN126C LED64S_100S/830_40 PSU L1800	No

Order Code	Full Product Name	Housing Colour	Ingress protection code
94882299	BN126C LED35S/840 PSU L1500	White	IP20
94884699	BN126C LED52S/840 PSU L1500	White	IP20

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Order Code	Full Product Name	Housing Colour	Ingress protection
			code
94886099	BN126C LED80S/840 PSU L1500	White	IP20
10021300	BN126C LED41S/840 PSU ELB3 L1200	White	IP20
10064000	BN126C LED41S/840 PSD L1200	White	IP20
94878599	BN126C LED41S/840 PSU L1200	White	IP20
94880899	BN126C LED64S/840 PSU L1200	White	IP20
94890799	BN126C LED100S/840 PSU L1800	White	IP20
76839099	BN126C LED15S_24S/830_40 PSU L600	White RAL 9003	IP20/40
76835299	BN126C LED80S/830_40 WIA L1500	White RAL 9003	IP20/40
76838399	BN126C LED80S/830_40 PSD L1500	White RAL 9003	IP20/40

Emergency Operation (1/2)

Order Code	Full Product Name	Central	Emergency	Emergency	Type of
		Emergency	lighting	flux	emergency lighting battery
10065700	BN126C LED52S/840 PSD L1500	-	-	-	-
10067100	BN126C LED80S/840 PSD L1500	-	-	-	-
94882299	BN126C LED35S/840 PSU L1500	-	-	-	-
94884699	BN126C LED52S/840 PSU L1500	-	-	-	-
94886099	BN126C LED80S/840 PSU L1500	-	-	-	-
10021300	BN126C LED41S/840 PSU ELB3 L1200	No	Emergency lighting 3-hours duration basic version	480 lm	Lithium
10064000	BN126C LED41S/840 PSD L1200	-	-	-	-
94878599	BN126C LED41S/840 PSU L1200	-	-	-	-
94880899	BN126C LED64S/840 PSU L1200	-	-	-	-

Emergency Operation (2/2)

Order Code	Full Product Name	Housing Colour	Ingress protection
			code
76841399	BN126C LED35S_52S/830_40 PSU L1500	White RAL 9003	IP20/40
94874799	BN126C LED22S/840 PSU L600	White	IP20
76836999	BN126C LED64S/830_40 WIA L1200	White RAL 9003	IP20/40
76837699	BN126C LED64S/830_40 PSD L1200	White RAL 9003	IP20/40
76840699	BN126C LED25S_41S/830_40 PSU L1200	White RAL 9003	IP20/40
76842099	BN126C LED64S_100S/830_40 PSU L1800	White RAL 9003	IP20/40

Order Code	Full Product Name	Central	Emergency	Emergency	Type of
		Emergency	lighting	flux	emergency lighting battery
94890799	BN126C LED100S/840 PSU L1800	-	-	-	-
76839099	BN126C LED15S_24S/830_40 PSU L600	-	-	-	-
76835299	BN126C LED80S/830_40 WIA L1500	-	-	300 lm	-
76838399	BN126C LED80S/830_40 PSD L1500	-	-	300 lm	-
76841399	BN126C LED35S_52S/830_40 PSU L1500	-	-	330 lm	-
94874799	BN126C LED22S/840 PSU L600	-	-	-	-
76836999	BN126C LED64S/830_40 WIA L1200	-	-	300 lm	-
76837699	BN126C LED64S/830_40 PSD L1200	-	-	300 lm	-
76840699	BN126C LED25S_41S/830_40 PSU L1200	-	-	330 lm	-
76842099	BN126C LED64S_100S/830_40 PSU L1800	-	-	-	-

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		Rated duration of the emergency lighting (when fully charged)
Order Code	Full Product Name	
10065700	BN126C LED52S/840 PSD L1500	-
10067100	BN126C LED80S/840 PSD L1500	-
94882299	BN126C LED35S/840 PSU L1500	-
94884699	BN126C LED52S/840 PSU L1500	-
94886099	BN126C LED80S/840 PSU L1500	-
10021300	BN126C LED41S/840 PSU ELB3 L1200	3 h
10064000	BN126C LED41S/840 PSD L1200	-
94878599	BN126C LED41S/840 PSU L1200	-
94880899	BN126C LED64S/840 PSU L1200	-
94890799	BN126C LED100S/840 PSU L1800	-

Approval and Application

Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
10065700	BN126C LED52S/840 PSD L1500	1	1.6
10067100	BN126C LED80S/840 PSD L1500	1	1.6
94882299	BN126C LED35S/840 PSU L1500	1	1.6
94884699	BN126C LED52S/840 PSU L1500	1	1.6
94886099	BN126C LED80S/840 PSU L1500	1	1.6
10021300	BN126C LED41S/840 PSU ELB3 L1200	1	1.6
10064000	BN126C LED41S/840 PSD L1200	1	1.6
94878599	BN126C LED41S/840 PSU L1200	1	1.6
94880899	BN126C LED64S/840 PSU L1200	1	1.6
94890799	BN126C LED100S/840 PSU L1800	1	1.6
76839099	BN126C LED15S_24S/830_40 PSU L600	-	-

Initial Performance (IEC Compliant)

		Luminous flux	
Order Code	Full Product Name	Initial chromaticity	tolerance
10065700	BN126C LED52S/840 PSD L1500	(0.38, 0.38) SDCM≤3	+/-10%
10067100	BN126C LED80S/840 PSD L1500	(0.38, 0.38) SDCM≤3	+/-10%
94882299	BN126C LED35S/840 PSU L1500	(0.38, 0.38) SDCM≤3	+/-10%
94884699	BN126C LED52S/840 PSU L1500	(0.38, 0.38) SDCM≤3	+/-10%
94886099	BN126C LED80S/840 PSU L1500	(0.38, 0.38) SDCM≤3	+/-10%
10021300	BN126C LED41S/840 PSU ELB3 L1200	(0.38, 0.38) SDCM≤3	+/-10%
10064000	BN126C LED41S/840 PSD L1200	(0.38, 0.38) SDCM≤3	+/-10%
94878599	BN126C LED41S/840 PSU L1200	(0.38, 0.38) SDCM≤3	+/-10%
94880899	BN126C LED64S/840 PSU L1200	(0.38, 0.38) SDCM≤3	+/-10%
94890799	BN126C LED100S/840 PSU L1800	(0.38, 0.38) SDCM≤3	+/-10%
76839099	BN126C LED15S_24S/830_40 PSU L600	(0.43,0.40) SDCM≤3	-10%,+15%
76835299	BN126C LED80S/830_40 WIA L1500	(0.43,0.40) SDCM≤3	-10%,+15%

Product Data

		Rated duration of the emergency lighting (when fully charged)
Order Code	Full Product Name	
76839099	BN126C LED15S_24S/830_40 PSU L600	-
76835299	BN126C LED80S/830_40 WIA L1500	-
76838399	BN126C LED80S/830_40 PSD L1500	-
76841399	BN126C LED35S_52S/830_40 PSU L1500	-
94874799	BN126C LED22S/840 PSU L600	-
76836999	BN126C LED64S/830_40 WIA L1200	-
76837699	BN126C LED64S/830_40 PSD L1200	-
76840699	BN126C LED25S_41S/830_40 PSU L1200	-
76842099	BN126C LED64S_100S/830_40 PSU L1800	-

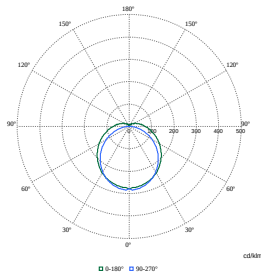
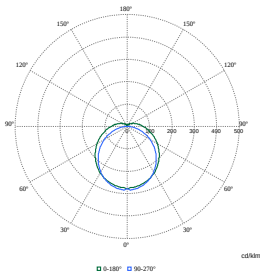
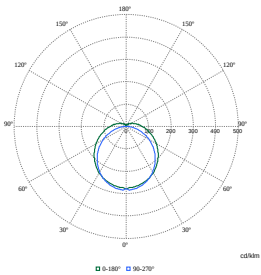
Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
76835299	BN126C LED80S/830_40 WIA L1500	-	-
76838399	BN126C LED80S/830_40 PSD L1500	-	-
76841399	BN126C LED35S_52S/830_40 PSU L1500	-	-
94874799	BN126C LED22S/840 PSU L600	1	1.6
76836999	BN126C LED64S/830_40 WIA L1200	-	-
76837699	BN126C LED64S/830_40 PSD L1200	-	-
76840699	BN126C LED25S_41S/830_40 PSU L1200	-	-
76842099	BN126C LED64S_100S/830_40 PSU L1800	-	-

		Luminous flux	
Order Code	Full Product Name	Initial chromaticity	tolerance
76838399	BN126C LED80S/830_40 PSD L1500	(0.43,0.40) SDCM≤3	-10%,+15%
76841399	BN126C LED35S_52S/830_40 PSU L1500	(0.43,0.40) SDCM≤3	-10%,+15%
94874799	BN126C LED22S/840 PSU L600	(0.38, 0.38) SDCM≤3	+/-10%
76836999	BN126C LED64S/830_40 WIA L1200	(0.43,0.40) SDCM≤3	-10%,+15%
76837699	BN126C LED64S/830_40 PSD L1200	(0.43,0.40) SDCM≤3	-10%,+15%
76840699	BN126C LED25S_41S/830_40 PSU L1200	(0.43,0.40) SDCM≤3	-10%,+15%
76842099	BN126C LED64S_100S/830_40 PSU L1800	(0.43,0.40) SDCM≤3	-10%,+15%

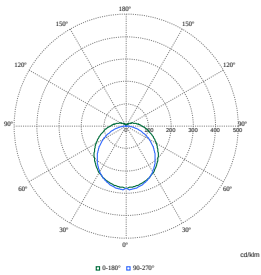
Order Code	Full Product Name	Product family code
10065700	BN126C LED52S/840 PSD L1500	BN126C
10067100	BN126C LED80S/840 PSD L1500	BN126C
94882299	BN126C LED35S/840 PSU L1500	-
94884699	BN126C LED52S/840 PSU L1500	-
94886099	BN126C LED80S/840 PSU L1500	-
10021300	BN126C LED41S/840 PSU ELB3 L1200	BN126C
10064000	BN126C LED41S/840 PSD L1200	BN126C
94878599	BN126C LED41S/840 PSU L1200	-
94880899	BN126C LED64S/840 PSU L1200	-
94890799	BN126C LED100S/840 PSU L1800	-

Order Code	Full Product Name	Product family code
76839099	BN126C LED15S_24S/830_40 PSU L600	-
76835299	BN126C LED80S/830_40 WIA L1500	-
76838399	BN126C LED80S/830_40 PSD L1500	-
76841399	BN126C LED35S_52S/830_40 PSU L1500	-
94874799	BN126C LED22S/840 PSU L600	-
76836999	BN126C LED64S/830_40 WIA L1200	-
76837699	BN126C LED64S/830_40 PSD L1200	-
76840699	BN126C LED25S_41S/830_40 PSU L1200	-
76842099	BN126C LED64S_100S/830_40 PSU L1800	-

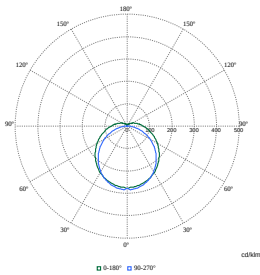
Polar Wide Diagrams



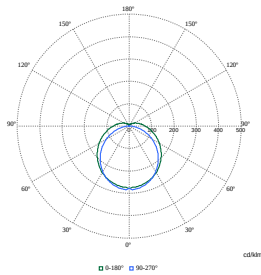
Polar Normal (separate) - BN120CI - 910505103402



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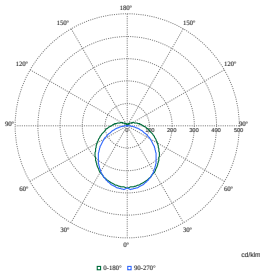
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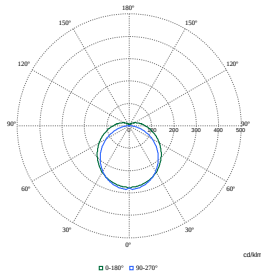
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Polar Normal (separate) - null - 911401850287



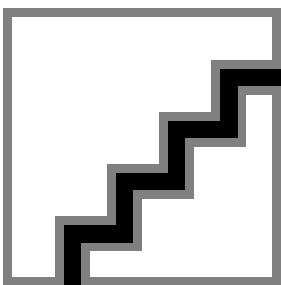
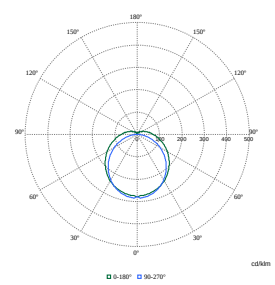
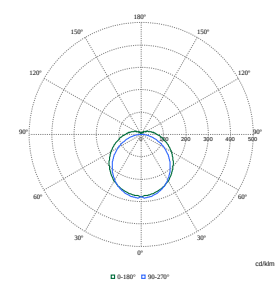
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Polar Normal (separate) - null - 911401833984

Polar Normal (separate) - null - 911401834184

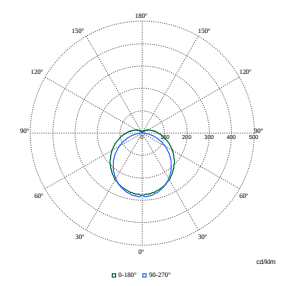
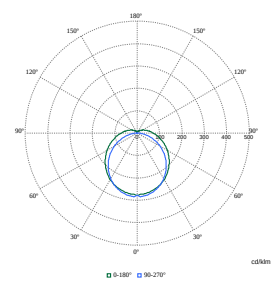
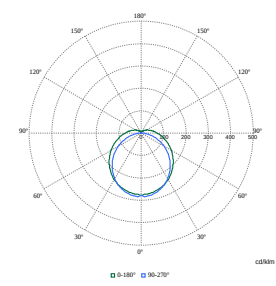
Polar Wide Diagrams



Polar Normal (separate) - null - 911401834384

Polar Normal (separate) - null - 911401834584

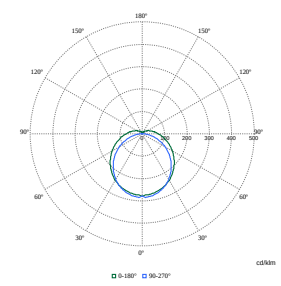
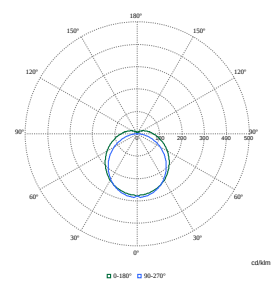
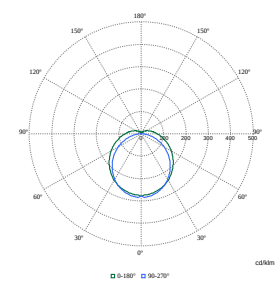
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Polar Normal (separate) - null - 911401835184

Polar Normal (separate) - null - 911401850787

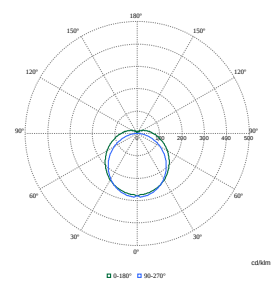
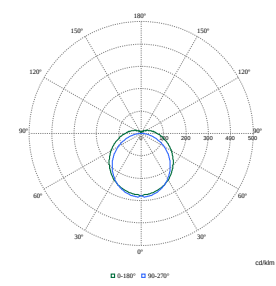
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Polar Normal (separate) - null - 911401850587



Polar Normal (separate) - null - 911401850687

Polar Normal (separate) - null - 911401850187

