LED STRIPS

LUCOLED

Experience Lighting

March 2025

Lucoled LED strips

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LUCOLED: NOT JUST ANOTHER LED COMPANY

PAY FOR PERFORMANCE
At LucoLED we operate at the simple principle that the customer should only pay for product performance and not for the overhead and excessive margins most major brands add to their cost.
It is LucoLED's mission to provide fit for purpose, reliable and efficient lighting solutions for visual communication and brand identity.

EXPERIENCE
LucoLED is based on over 25 years of experience in the signage industry and has developed an in depth knowledge of the basic needs of the market. Backed by industry leading design and production facilities LucoLED provides high quality products with exceptional performance and warranties.
LucoLED's ODM production uses state of the art equipment and has extensive R&D and testing facilities.
Besides a range of standard products LucoLED can also offer tailor made solutions with minimum lead time.

COMPLETE SOLUTION
LucoLED offers a complete system solution for letters, light boxes, flexible and linear accents. Including their own full range power supplies. LucoLED offers an extended system warranty up to the lifetime of the sign as we believe in our products.

GLOBAL REACH
LucoLED products are available globally through a distribution and logistics network covering over 80 countries. With offices in Belgium, The Netherlands and India and seven warehouse locations in various countries we optimise logistics and guarantee a short delivery time for local customers.

REFERENCES
LucoLED products are used by many international brands as Shell, Lidl, Starbucks, ESSO, UNO, PUMA, Pizza Hut, Mc Donald's, BP and many more.

INNOVATION
LucoLED continues to bring innovations to the LED sign industry. Examples are Lucoline, high efficiency optics, intelligent controls for dimming, layout software tools for Lucoline, lightboxes and channel letters.

LED Prism S-Strip

Flexible S-shape LED strip with micro-prism lenses suitable for channel letter applications between 30 and 60 mm deep, inclucing block acrylic. High CRI. Ultra narrow binning, McAdams step 3.
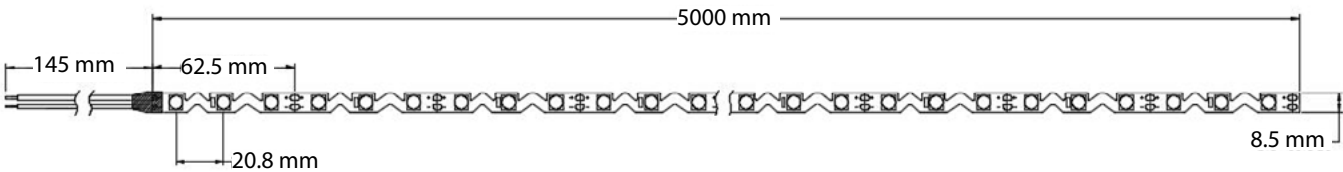
SPECIFICATIONS

- Cuttable every 25 mm
- Packed per 5 m reel.
- 3 Year Warranty
- Beam angle > 150^0
- UL, CE and RoHS compliant
- 12 V DC
- Operating temperature -25^0~$+60^0$C
- IP20

PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
LSSP-W30-5000-IP20	White	3000	>80	≤ 3	5.5	528	96
LSSP-W65-5000-IP20	White	6500	>80	≤ 3	5.5	550	100

DIMENSIONS
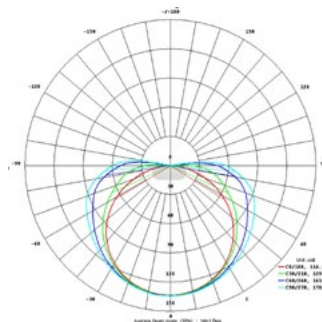

145 mm   62.5 mm   5000 mm   8.5 mm

20.8 mm

COB Strips 4 mm

Narrow, 4 mm wide, Chip On Board (COB) strips for linear lighting without visible spots and side lighting light sheet applications. High CRI. Ultra narrow binning, McAdams step 3.
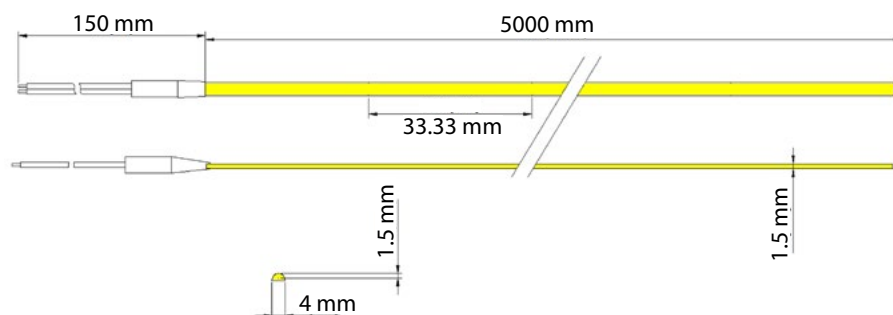
SPECIFICATIONS

- Cuttable every 33 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 480 Chip On Board LED's per meter
- Beam angle > 140^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~$+60^0$C
- IP20

PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB480-4-W27	White	2700	>90	≤ 3	5.5	412	75
COB480-4-W40	White	4000	>90	≤ 3	5.5	522	95
COB480-4-W65	White	6500	>90	≤ 3	5.5	522	95

DIMENSIONS

150 mm
5000 mm
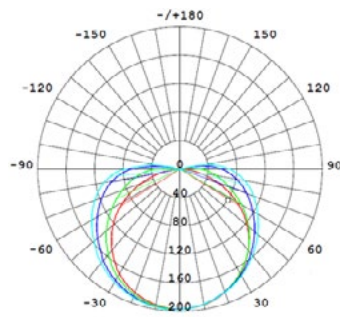33.33 mm
1.5 mm
1.5 mm
4 mm

COB Strips 8 mm ErP compliant

8 mm wide, Chip On Board (COB) strips for linear lighting without visible spots.
High efficiency, High CRI, ErP compliant. Ultra narrow binning, McAdams step 3.
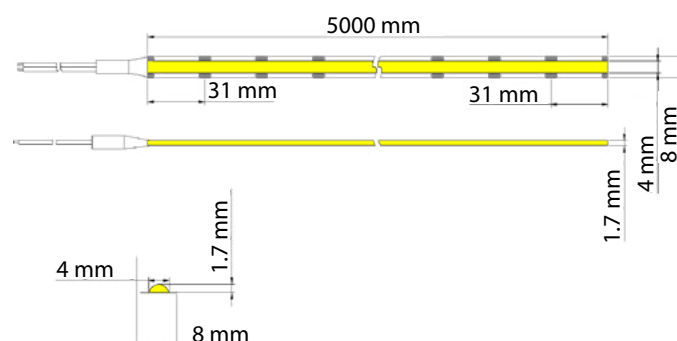
SPECIFICATIONS

- Cuttable every 31 mm
- Packed per 5 m reel.
- 5 Year Warranty
- 512 Chip On Board LED's per meter
- Beam angle > 135^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20

PRODUCT DATA

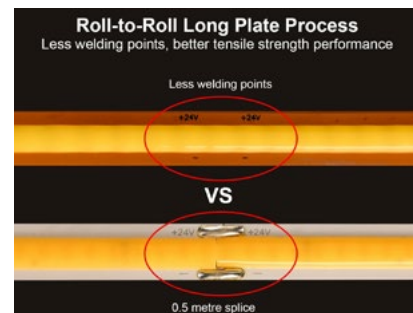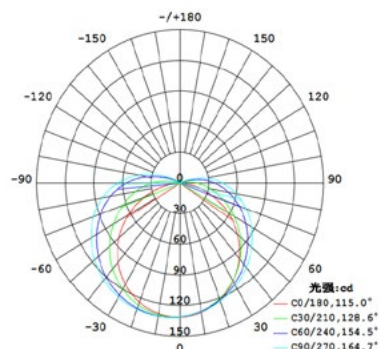| Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB512-8-W27	White	2700	>90	≤ 3	12	1044	87
COB512-8-W30	White	3000	>90	≤ 3	12	1116	93
COB512-8-W40	White	4000	>90	≤ 3	12	1236	103
COB512-8-W65	White	6500	>90	≤ 3	12	1212	101

DIMENSIONS

COB Strips 8 mm free cuttable

8 mm wide, Chip On Board (COB) strips for linear lighting without visible spots. Free cuttable for most flexible applications. High CRI. Ultra narrow binning, McAdams step 3.
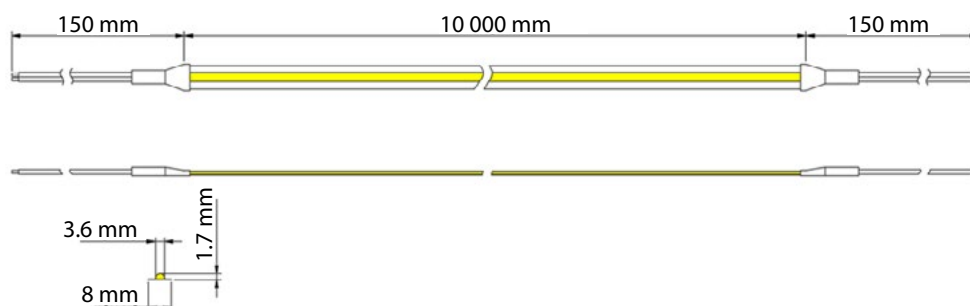
SPECIFICATIONS

- Free cuttable every 1 mm
- Packed per 10 m reel.
- 3 Year Warranty
- 480 Chip On Board LED's per meter
- Beam angle > 135^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20

PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB480-8-W40	White	4000	>90	≤ 3	10	550	55

DIMENSIONS

150 mm · 10 000 mm · 150 mm

3.6 mm · 1.7 mm · 8 mm
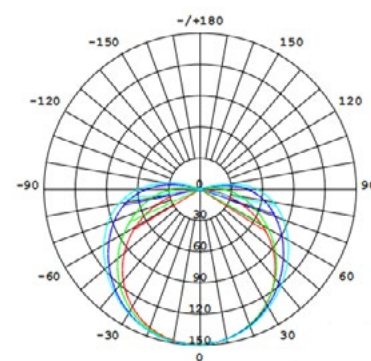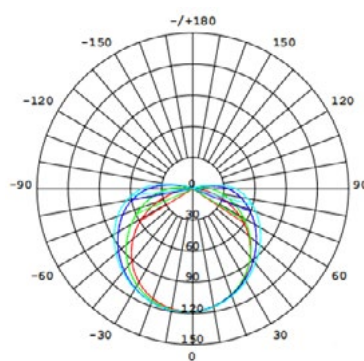
2700K　　　4000K　　　5000K　　　6000K

COB Strips 8 mm tuneable white

8 mm wide, Chip On Board (COB) strips for linear lighting without visible spots.
Tuneable white from 2700K to 6500K for human centric lighting and best colour matching per application. High CRI. Ultra narrow binning, McAdams step 3.
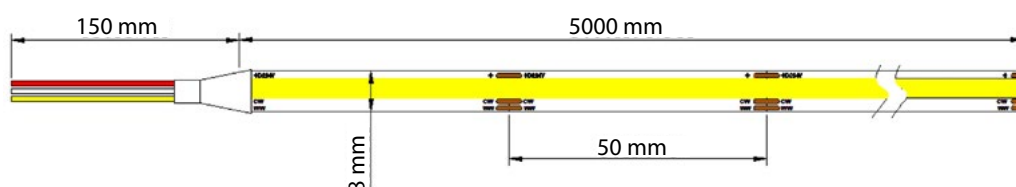
SPECIFICATIONS

- Cuttable every 50 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 560 Chip On Board LED's per meter
- Beam angle > 135^0
- UL, CE and RoHS compliant
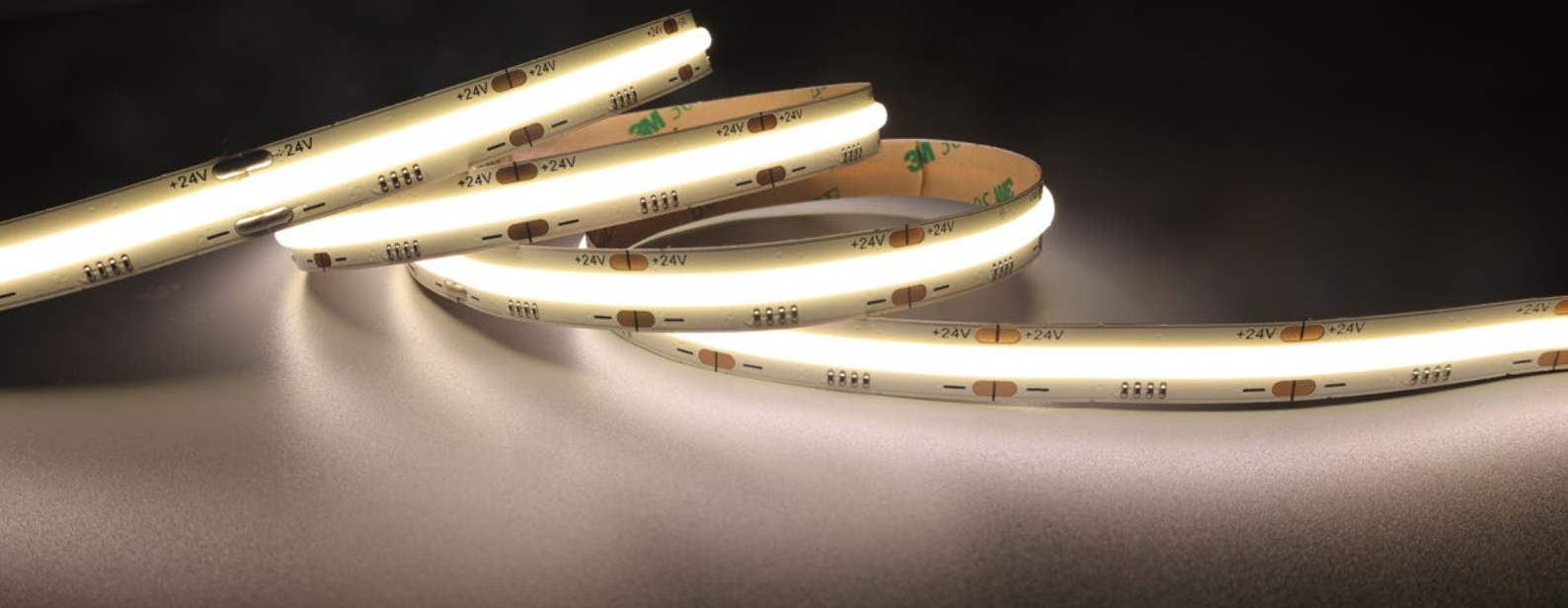- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20

PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB560-8-TW	White	2700 only	>90	≤ 3	7	480	69
	White	6500 only	>90	≤ 3	7	600	86
	White	4600 (2700 and 6500 full)	>90	≤ 3	14	1080	77

DIMENSIONS
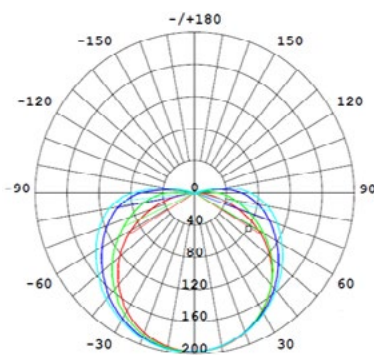

150 mm　　　5000 mm

8 mm

50 mm

COB Strips 10 mm high output ErP

10 mm wide, Chip On Board (COB) strips for linear lighting without visible spots. High output for general lighting applications. High efficacy ErP compliant. Ultra narrow binning, McAdams step 3.
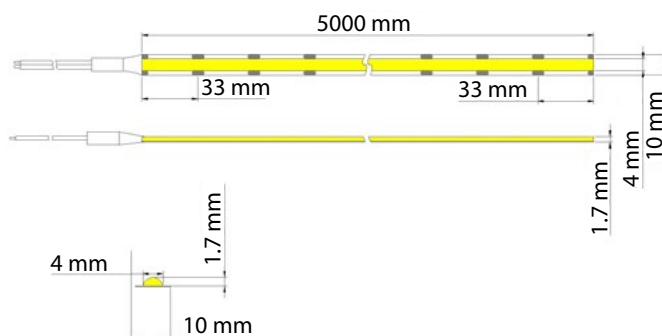
SPECIFICATIONS

- Cuttable every 33 mm
- Packed per 5 m reel.
- 5 Year Warranty
- 720 Chip On Board LED's per meter
- Beam angle > 140^0
- UL, CE, ErP and RoHS compliant
- 24 V DC
- Operating temperature $-25^0 \sim +60^0 C$
- IP20

PRODUCT DATA

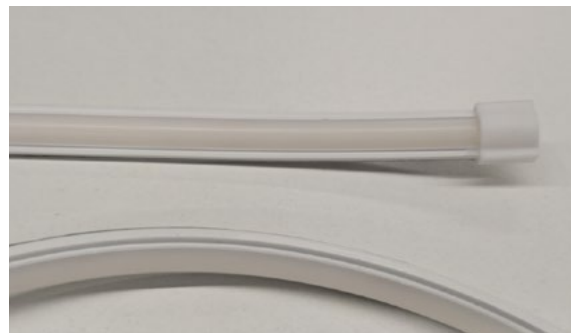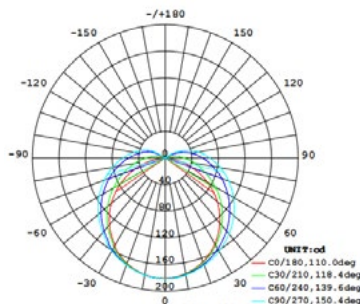| Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB720-10-W40	White	4000	>90	≤ 3	20	2040	102
COB720-10-W65	White	6500	>90	≤ 3	20	2000	100

DIMENSIONS

COB Strips 10 mm IP65 waterproof

10 mm wide, Chip On Board (COB) strips for linear lighting without visible spots in damp or wet locations. High CRI. Ultra narrow binning, McAdams step 3.

SPECIFICATIONS

- Cuttable every 50 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 320 Chip On Board LED's per meter
- Beam angle > 135^0
- UL, CE and RoHS compliant
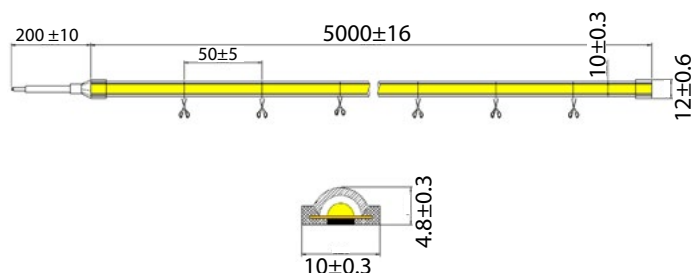- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP65

PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB320-10-IP65-W27	White	2700	>90	≤ 3	10	650	65
COB320-10-IP65-W40	White	4000	>90	≤ 3	10	710	71
COB320-10-IP65-W65	White	6500	>90	≤ 3	10	720	72

ACCESSOIRES

Item no		Description	Quantity
COB320-10-IP65-CS	COB320 strip IP 65	Cable set	bag of 10
COB320-10-IP65-EC		End Cap	bag of 10
COB320-10-IP65-FC		Front Cap	bag of 10

DIMENSIONS

COB Strips 12 mm RGBW

12 mm wide, Chip On Board (COB) strips for linear lighting without visible spots.
RGBW for advanced colour settings with true white.
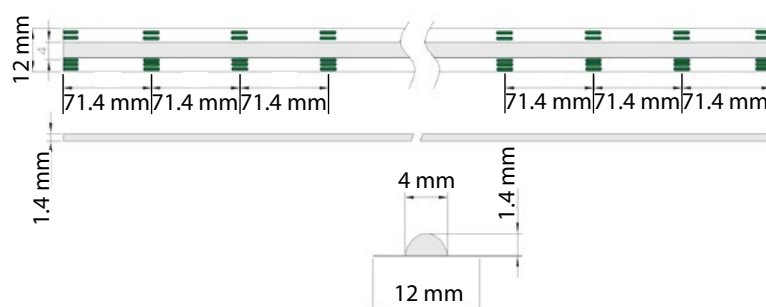
SPECIFICATIONS

- Cuttable every 71.4 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 784 Chip On Board LED's per meter
- Beam angle > 140^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~$+60^0$C
- IP20

PRODUCT DATA

Item no	LED colour	WL (nm) CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB784-12-RGBW40	red	620-630			4	136	34
	green	520-525			4	364	91
	blue	455-560			4	84	21
	white	4000	>90	≤ 3	4	356	89
	RGBW full				16	940	59

DIMENSIONS

12 mm

71.4 mm 71.4 mm 71.4 mm   71.4 mm 71.4 mm 71.4 mm

1.4 mm

4 mm

1.4 mm

12 mm

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