LED STRIPS



LUCOLED

Experience Lighting

September 2026

Lucoled LED strips

INTRODUCTION	03
LED Prism S strip	04
COB strips 4 mm	05
COB strips 8 mm ErP compliant	06
COB strips 8 mm free cutting	07
COB strips 8 mm Tuneable White	08
COB strips 10 mm high output	09
COB strips 8 mm full spectrum	10
COB strips 10 mm white phosphor	12
COB strips 8 mm white phosphor	13
COB strips 10 mm IP65	14
COB strips 12 mm RGBW	15
COB IP68 extrusion white	16
COB IP68 extrusion RGB	17
COB connectors	18
Indoor power supplies and controls	19

LUCOLED

Experience Lighting

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.

All images in this catalogue are examples of typical possible applications of the products. All copyrights are with the original owner of the picture.
All shown trademarks are property of their owners.



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

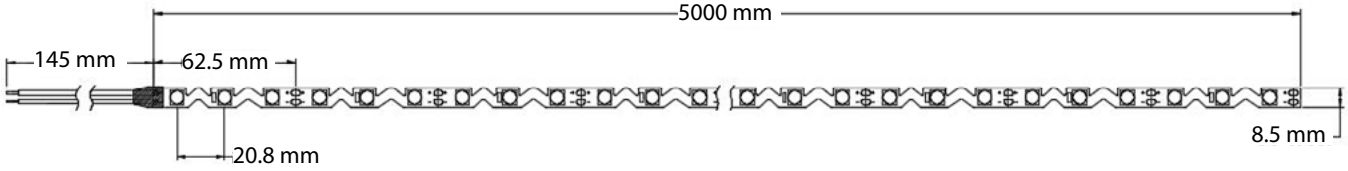
- Cuttable every 25 mm
- Packed per 5 m reel.
- 3 Year Warranty
- Beam angle > 150^0
- UL, CE and RoHS compliant
- 12 V DC
- Operating temperature -25^0~$+60^0$C
- IP20



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



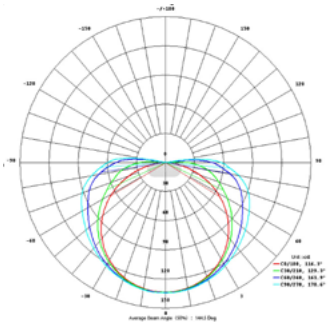


COB Strips 4 mm

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

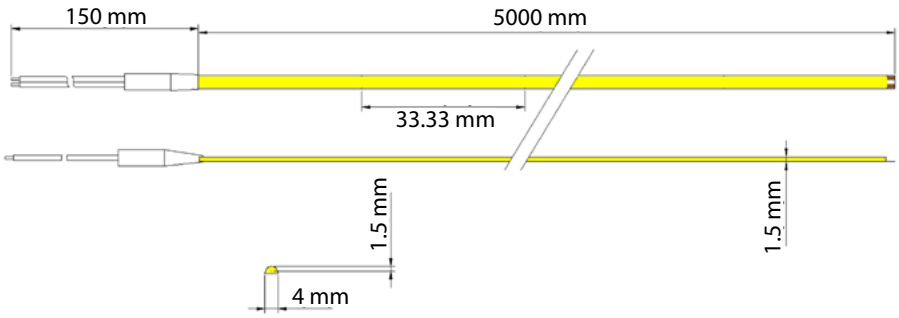




PRODUCT DATA

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



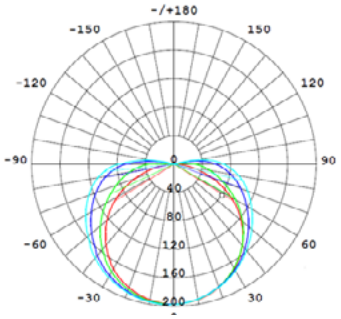


COB Strips 8 mm ErP compliant

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°
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25°~+60°C
- IP20

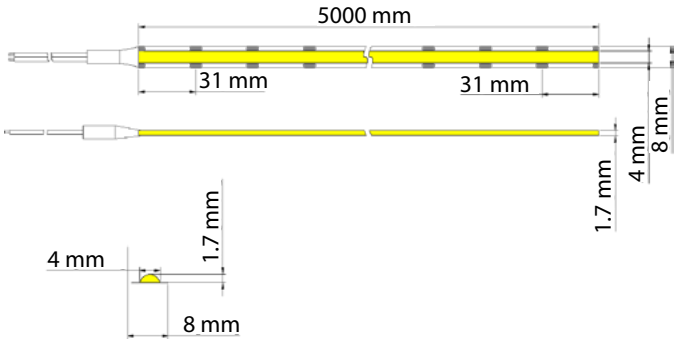


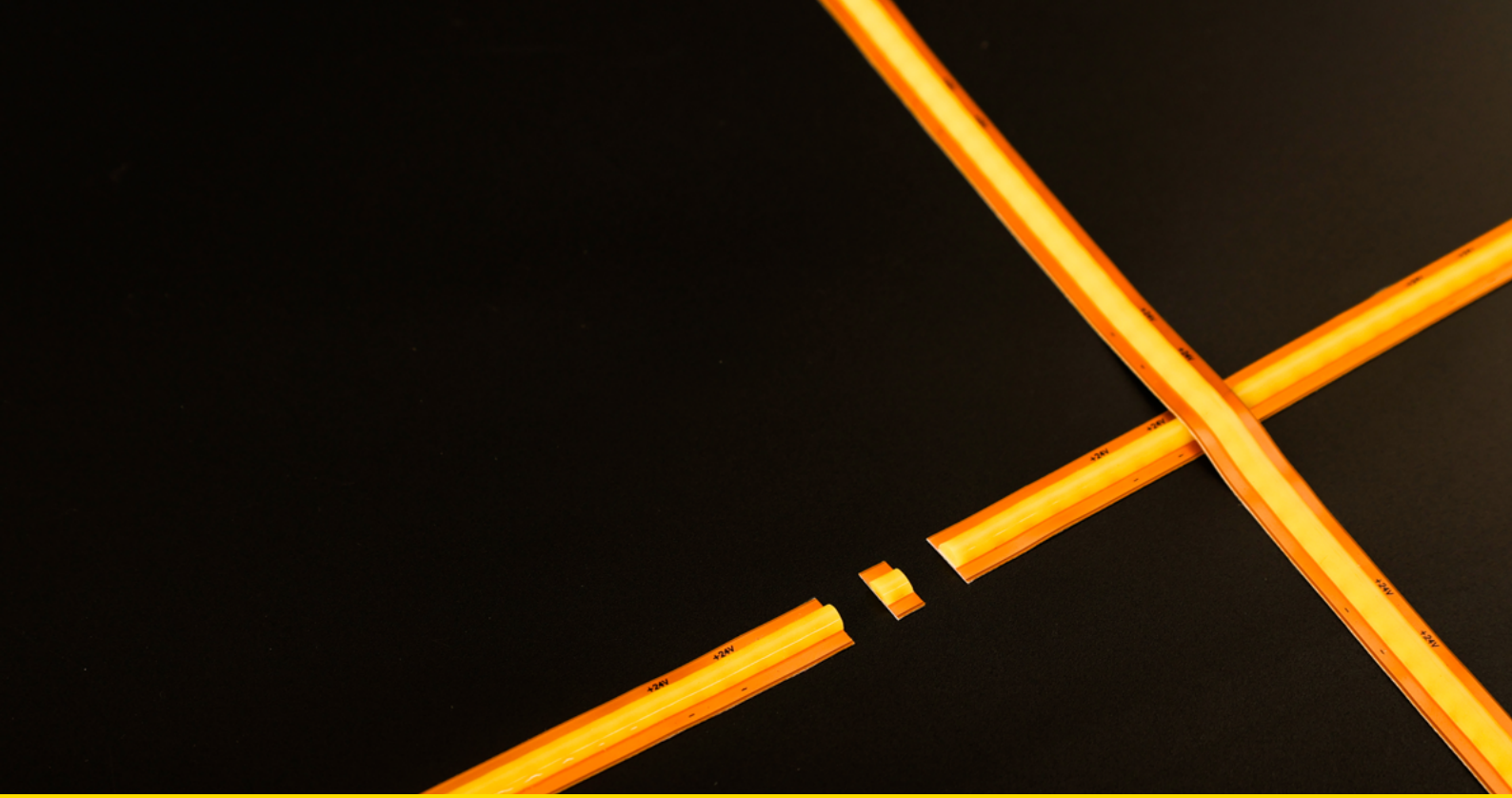


PRODUCT DATA

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-W40	White	4000	>90	≤ 3	12	1236	103
COB512-8-W65	White	6500	>90	≤ 3	12	1212	101

DIMENSIONS



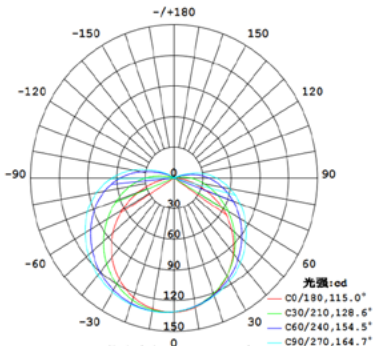


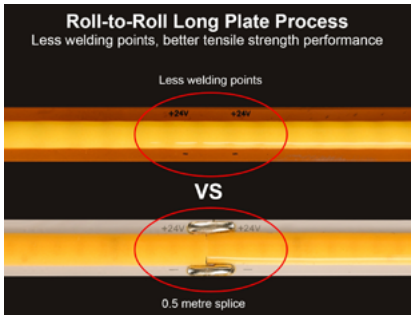
COB Strips 8 mm free cuttable

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

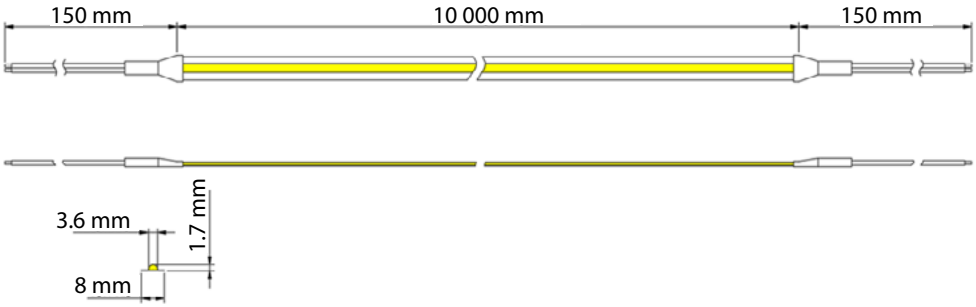




PRODUCT DATA

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



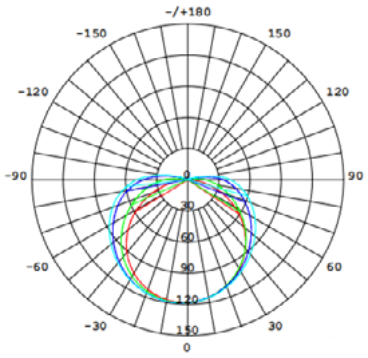


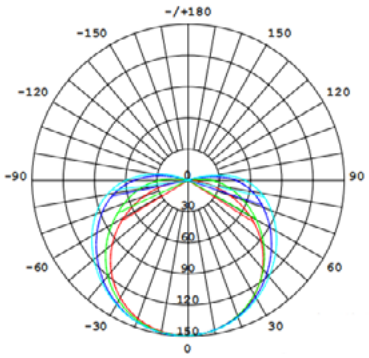
COB Strips 8 mm tuneable white

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

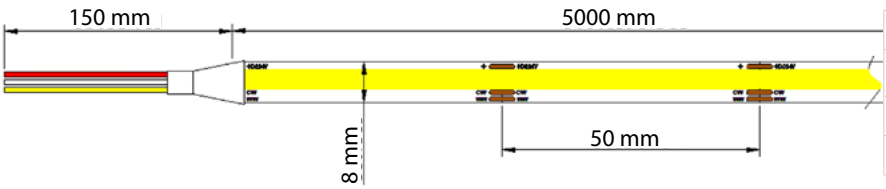




PRODUCT DATA

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



ACCESSORIES

Item no	Description
LC-RFWIFI-4CH	LED controller RF&WIFI 4x5A
LC-DMX-4CH	LED controller DMX 4x8A
LC-RF-CT	LED Remote RF CT 6 zones TW

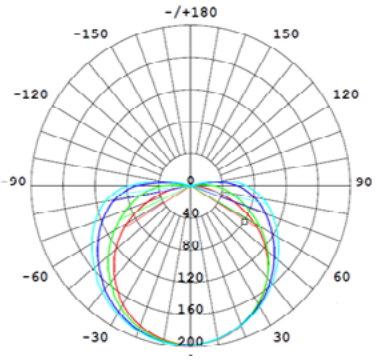


COB Strips 10 mm high output ErP

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~+60^{0}C
- IP20

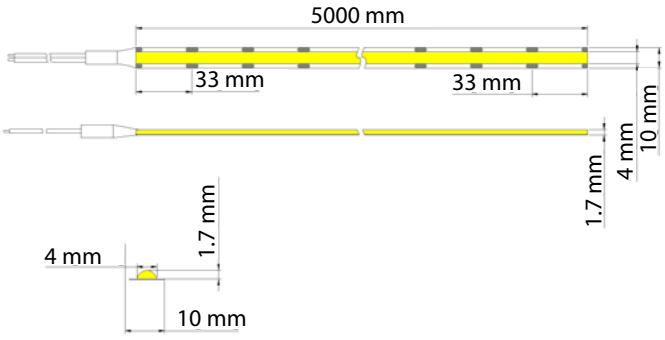




PRODUCT DATA

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



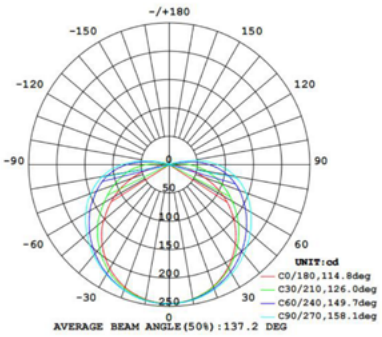


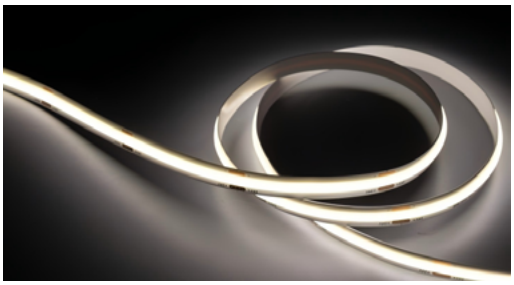
COB Strips 8 mm full spectrum

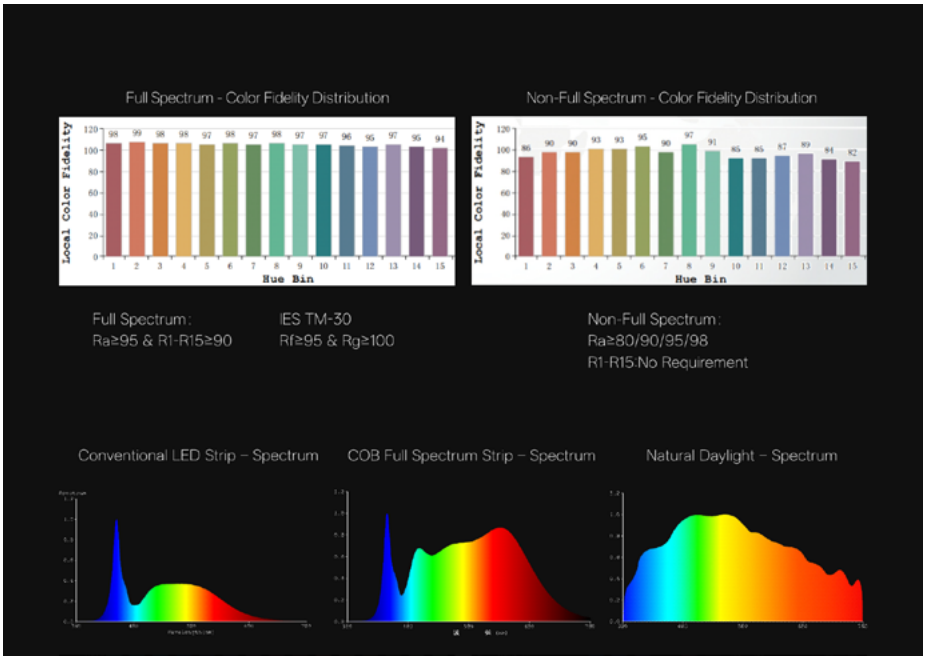
8 mm wide, Chip On Board (COB) strips for linear lighting without visible spots. Full spectrum true colour representation for museum and retail applications. Ultra narrow binning, McAdams step 3.

SPECIFICATIONS

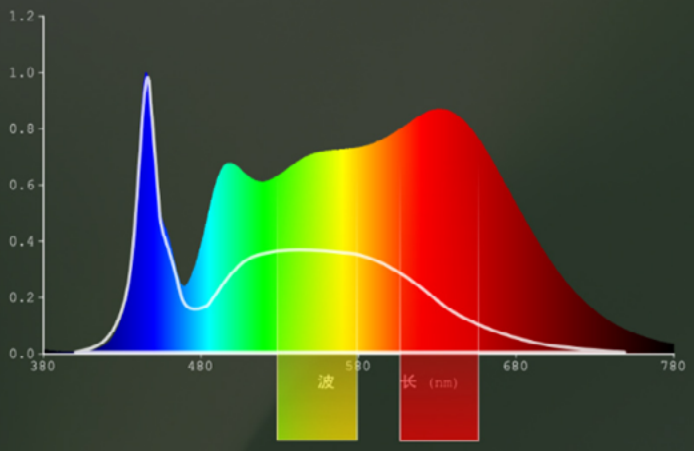
- Cuttable every 50 mm
- Packed per 10 m reel.
- 3 Year Warranty
- 480 Chip On Board LED's per meter
- Beam angle > 135^0
- UL, CE, ErP and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20







Natural spectrum, closer to natural daylight



Green to Yellow band, smooth and continuous

Enhanced 620nm red spectral band

Spectrum closer to natural daylight

More than ordinary lighting — it replicates the full formula of natural daylight.
Full 380–780nm spectral coverage from violet to deep red.

More authentic color rendering

Enhanced 620nm red band
Fuller color for red tones, skin & wood textures; ideal photogenic effect for products, flowers, food and makeup.

Eye-friendly & comfortable light

500-580nm green-yellow spectrum with smooth continuous distribution; soft uniform light relieves eye strain, perfect for long-hour use in study, living room and bedroom.



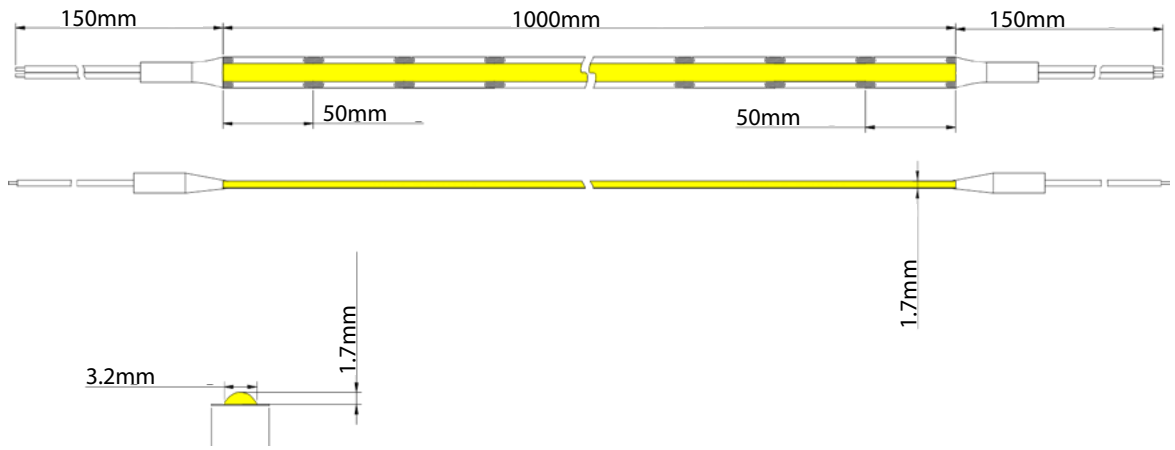




PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB480-8-FS-W27	White	2700	>95	≤ 3	10	730	73
COB480-8-FS-W30	White	3000	>95	≤ 3	10	800	80
COB480-8-FS-W40	White	4000	>95	≤ 3	10	880	88
COB480-8-FS-W65	White	6500	>95	≤ 3	10	930	93

DIMENSIONS



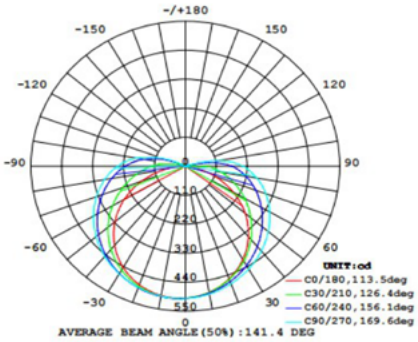


COB Strips 10 mm high output ErP white phosphor, highest efficiency

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

SPECIFICATIONS

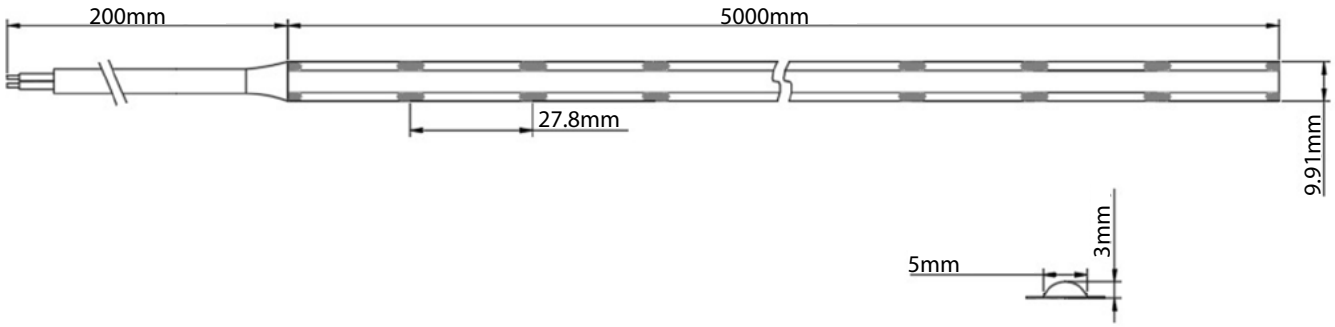
- Cuttable every 28 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 288 Chip On Board LED's per meter
- Beam angle > 140^0
- UL, CE, ErP and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20

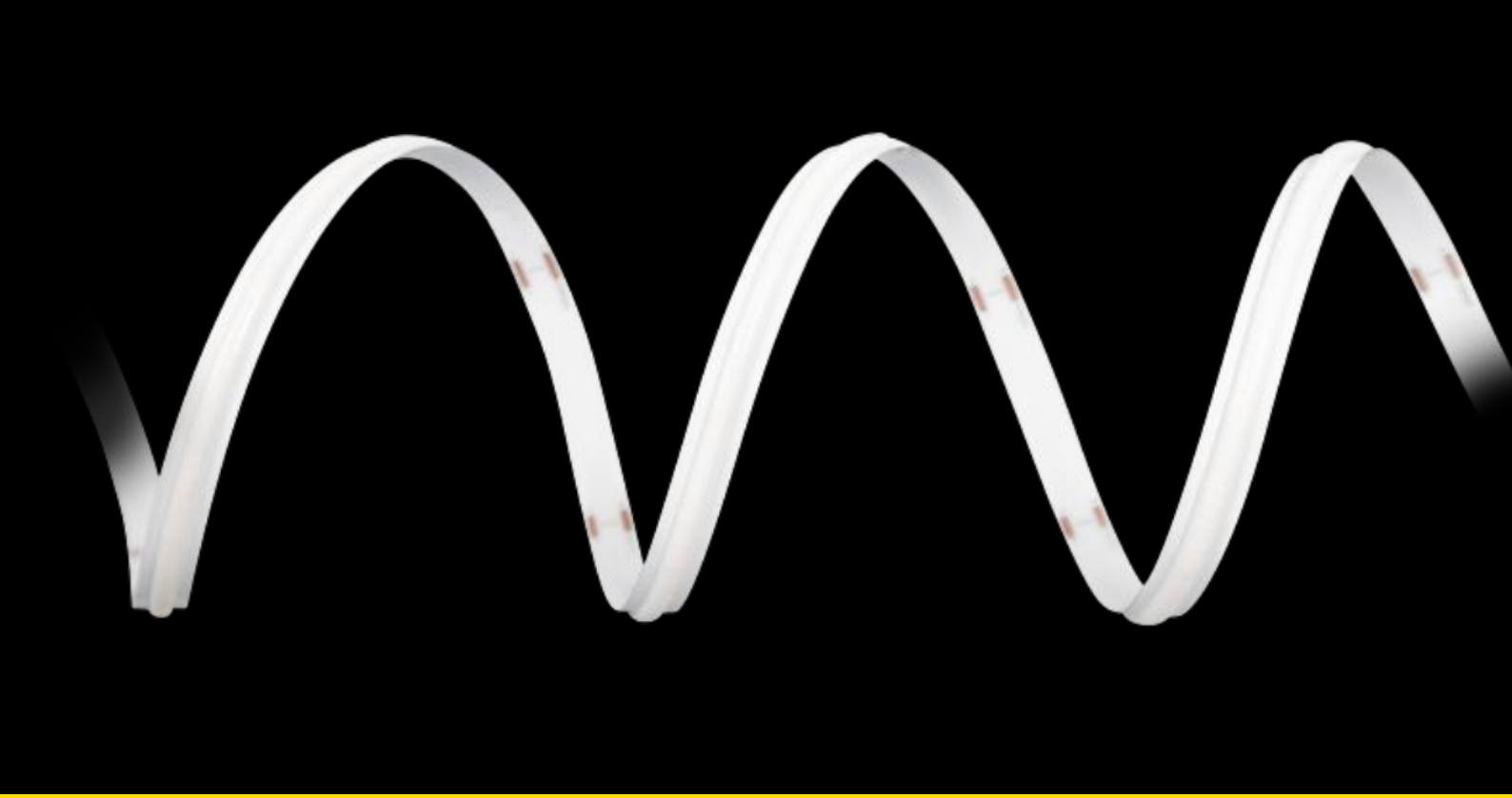


PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB288-10-W40	White	4000	>90	≤ 3	15	2025	135
COB288-10-W65	White	6500	>90	≤ 3	15	1950	130

DIMENSIONS



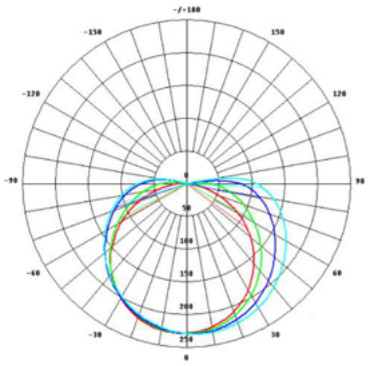


COB Strips 8 mm white phosphor

8 mm wide, Chip On Board (COB) strips for linear lighting without visible spots and white phosphor when switched off. Ultra narrow binning, McAdams step 3.

SPECIFICATIONS

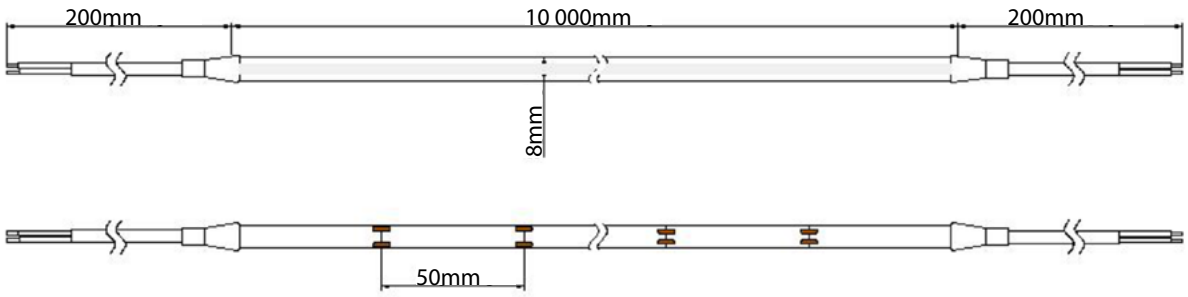
- Cuttable every 50 mm
- Packed per 10 m reel.
- 3 Year Warranty
- 480 Chip On Board LED's per meter
- Beam angle > 130^0
- UL, CE, ErP and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20



PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB480-8-W-W40	White	4000	>90	≤ 3	10	900	90
COB480-8-W-W65	White	6500	>90	≤ 3	10	950	95

DIMENSIONS



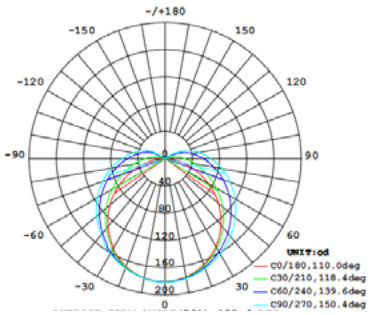


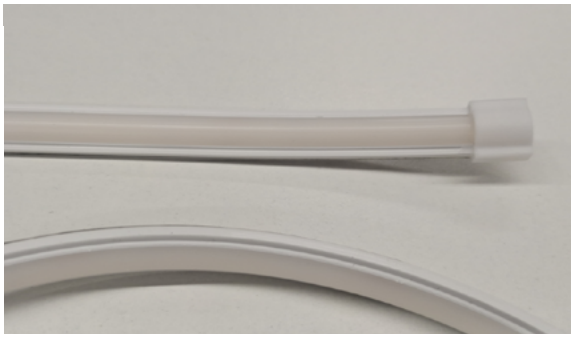
COB Strips 10 mm IP65 waterproof

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





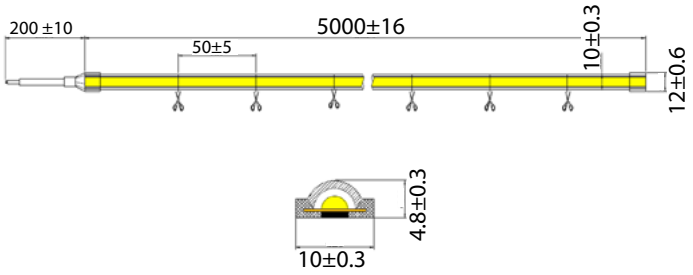
PRODUCT DATA

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°
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25°~+60°C
- IP20



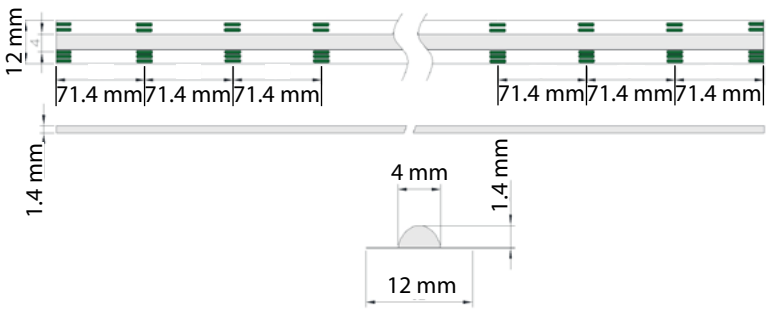
ACCESSORIES

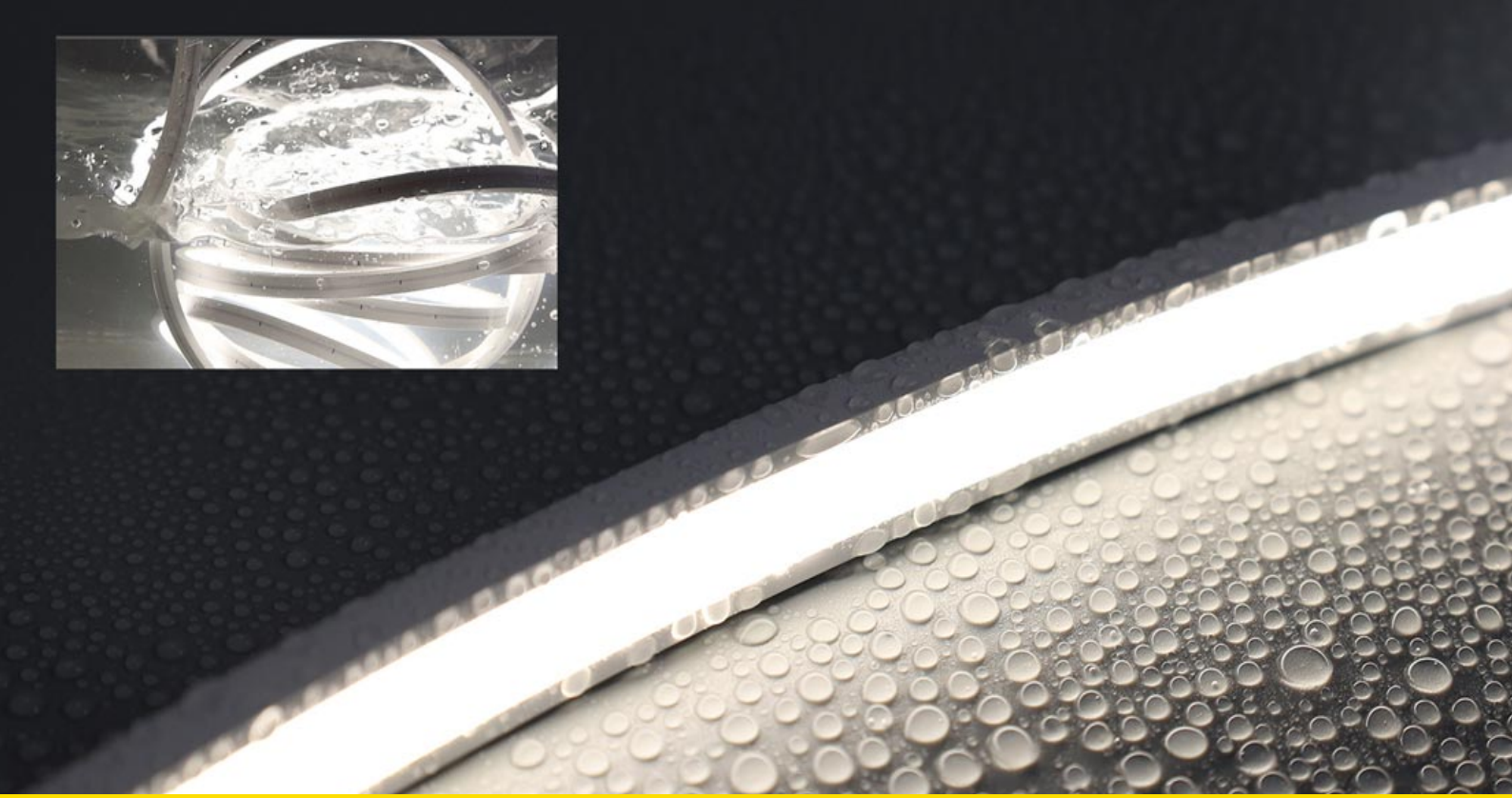
Item no	Description
LC-RF-4CH-WP	LED controller RF 4x5A IP67
LC-RFWIFI-4CH	LED controller RF&WIFI 4x5A
LC-DMX-4CH-WP	LED controller DMX 4x5A IP67
LC-DMX-4CH	LED controller DMX 4x8A
LC-RF-REMOTE	LED Remote RF RGBW

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 COB784-12-RGBW65	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



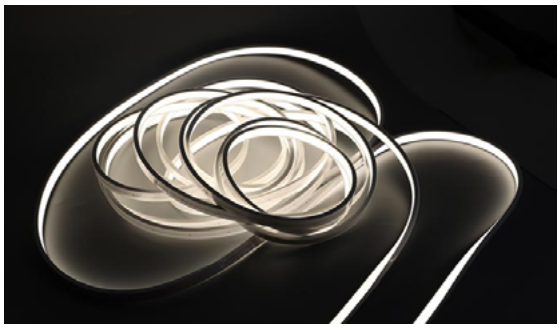


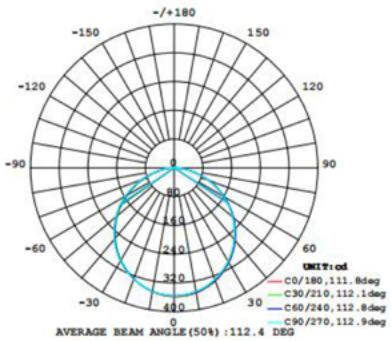
COB Strips IP68 extrusion waterproof

12 mm wide, 5 mm high, Chip On Board (COB) extrusion for linear lighting without visible spots in damp or wet locations. High CRI. 10 m single end power supply with uniform brightness.

SPECIFICATIONS

- Cuttable every 1 mm
- Packed per 10 m reel.
- 3 Year Warranty
- 504 Chip On Board LED's per meter
- Beam angle 110^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP68

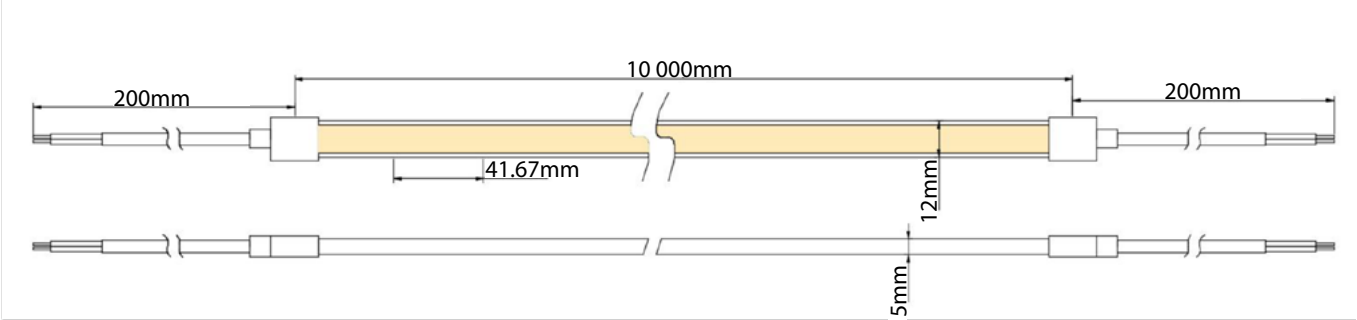




PRODUCT DATA

Item no	LED colour	CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB504-IP68-12-W27	White	2700	>90	≤ 7	15	825	55
COB504-IP68-12-W40	White	4000	>90	≤ 7	15	975	65
COB504-IP68-12-W65	White	6500	>90	≤ 7	15	975	65

DIMENSIONS



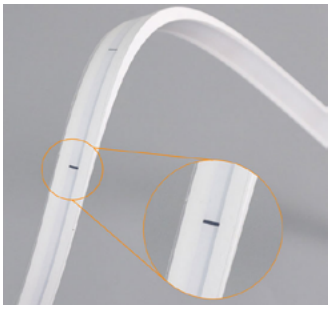


COB Strips IP68 extrusion RGB waterproof

12 mm wide, Chip On Board (COB) ultra flat (5 mm) extrusion for RGB linear lighting without visible spots. RGB for advanced colour settings.

SPECIFICATIONS

- Cuttable every 55.5 mm
- Packed per 5 m reel.
- 3 Year Warranty
- 756 Chip On Board LED's per meter
- Beam angle > 110^0
- UL, CE and RoHS compliant
- 24 V DC
- Operating temperature -25^0~+60^{0}C
- IP20



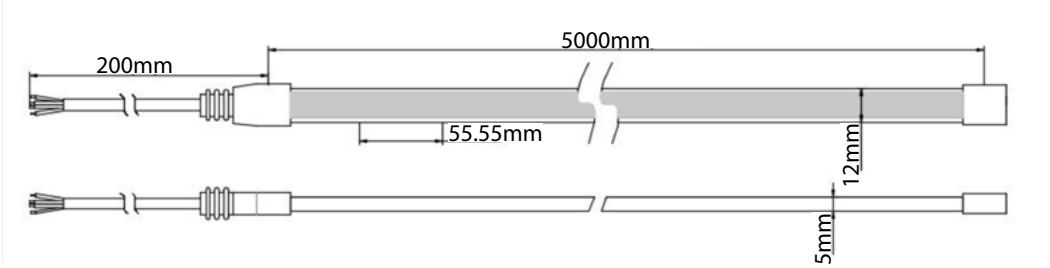
ACCESSORIES

Item no	Description
LC-RF-4CH-WP	LED controller RF 4x5A IP67
LC-RFWIFI-4CH	LED controller RF&WIFI 4x5A
LC-DMX-4CH-WP	LED controller DMX 4x5A IP67
LC-DMX-4CH	LED controller DMX 4x8A
LC-RF-REMOTE	LED Remote RF RGBW

PRODUCT DATA

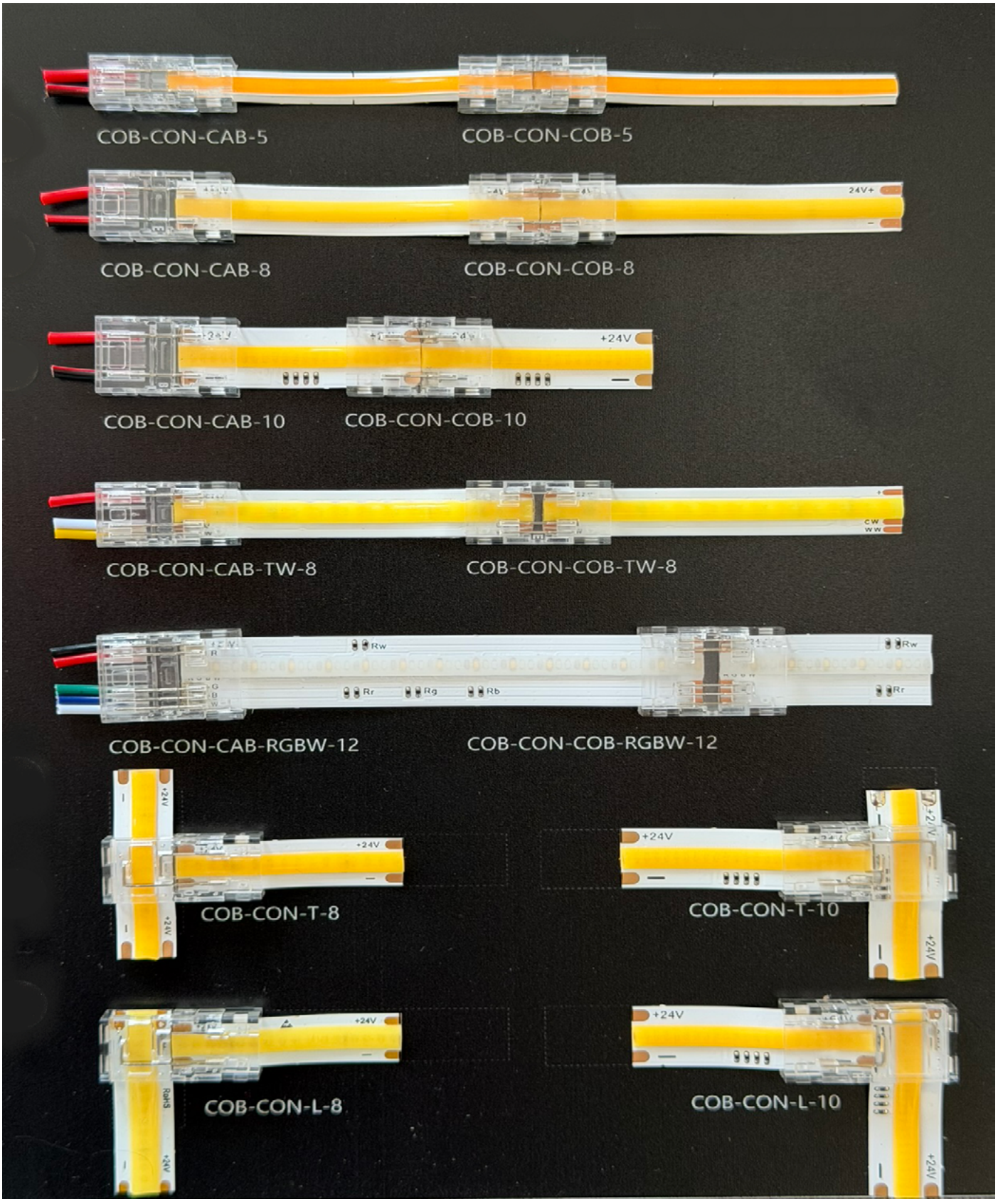
Item no	LED colour	WL (nm) CCT (K)	CRI	SDCM	Power (W/m)	Luminous Flux (lm/m)	Effcacy (lm/W)
COB756-IP68-12-RGB	red	620-630			4	88	22
	green	520-525			4	324	81
	blue	455-560			4	40	10
	RGBW full				12	452	38

DIMENSIONS



COB connectors

Clip-on connectors for power connections, strip to strip and T and L connections.
Easy to use without any soldering for 5, 8, 10 mm single colour COB strips, 8 mm tuneable white COB strip and 12 mm wide RGBW COB strip.



Indoor power supplies and controls

SPECIFICATIONS 24V INDOOR POWER SUPPLIES

Output Voltage 24V
Working temperature range -25°C~+70°C (derating from + 50°C)
Input Voltage Range 100VAC~250VAC
Input Frequency Range 50~60Hz
Power Factor >0.95
Protective Characteristics Over-Current, Short-Circuit, Over Voltage and Over-Temperature protection
IP Rating IP20
MTBF 40Khrs. MIL-HDBK-217F(25°C)
Warranty 5 Years, carry-in

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPI2418	0.75A	18W	≤0.13A	≥85%	140x50x17mm	0.1kg
PPI2436	1.5A	36W	≤0.19A	≥85%	163x57x17mm	0.13kg
PPI2460	2.5A	60W	≤0.33A	≥88%	190x57.5x17mm	0.19kg
PPI24100	4.17A	100W	≤0.5A	≥92%	236x57x18mm	0.22kg
PPSI24100	4.17A	100W	≤0.7A	≥92%	350x30x18mm	0.21kg
PPSI24150	6.25A	150W	≤0.9A	≥93%	350x30x18mm	0.31kg

High Power Factor PF(λ)>0.9 SELV

SPECIFICATIONS DMX RGBW, CCT & DIM CONTROL OPTIONS

Input/Output Voltage 12V – 24V
Working temperature range -30°C~+55°C
IP Rating IP20
Warranty 5 Years
Diming method (0-100%) PWM

Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V
LTECH-EX1S	DMX	Touch Panel	Manual			
LTECH-EX4S	DMX	Touch Panel	Manual			
LTECH-EX8	DMX	Touch Panel 4 Zones	Manual/WIFI/RF			
LC-DMX-4CH	RGBW	Controller	DMX	4x8 A	384W	768W

SPECIFICATIONS WIFI RGBW AND CCT CONTROL OPTIONS

Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V
LC-RFWIFI-4CH	CCT/RGBW	IP20 Controller	RF/WIFI	4x5A	240 W	480 W
LC-RF-REMOTE	RF	Remote				
LC-RF-DIMMER	RF	Remote				
LC-RF-CT	RF	Remote				

SPECIFICATIONS 4 IN 1 CONTROL OPTIONS (0-10V, PHASE CUT/DALI/PUSH)

Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V	Output Power 48 V
LC-DIM-4IN1	MONO	4 in 1 Controller	0-10V /DALI-2 / Push / Phase Cut	2x10A (20A)	240 W	480 W	960 W

SPECIFICATIONS CASAMBI RGBW/CCT/DIM CONTROL AND DALI CONVERTER

Code	Output	Protocol	Input	Output Current	OutputPower 12 V	Output Power 24 V
LC-CAS-7IN1	CCT/RGBW/ DIM	CASAMBI	CASAMBI app	4x8A	384 W 96W/CH	768W 192W/CH
LC-CAS-DALI	DALI	CASAMBI<->DALI	CASAMBI App			



LUCOLED

Experience Lighting

BELGIUM
Venusstraat 5
3290 Diest
Belgium

www.lucoled.com

✆: +32 (0) 13292829
✉: info@lucoled.com

THE NETHERLANDS
Rotterdamseweg 388F
2629 HG Delft
The Netherlands

www.lucoled.com

✆: +31 (0) 153649186
✉:info@lucoled.com

LUCOLED INDIA PVT LTD.
Gate No.725, Gadewadi
Lavasa Link Road, Urawade
Taluka Mulshi,Pune 412115
India

www.lucoled.in

✆: +91 8484056019
✉: info@lucoled.in

AFRICA REGION
51 Mountain View Street
Stellenbosch
Cape Town
South Africa

www.lucoled.com

✆: +27 (0) 825620600
✉: patrick@lucoled.com