

LED COB STRIP

2024 Version 2



Resolight[®]

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Over 19+ years LED lighting manufacturing experience

Since 2005

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LED COB Strip - Static White

FPC Width: 3mm



3mm Series Roll to roll

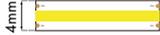
Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB320W3	DC5V	28/28	5W	320	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover

3mm Series 0.5m soldering connection

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB400W3	DC12V	25/25	5W	400	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	20mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	5W	400	SanAn 620		Ra 90+	85 - 100lm/w	20mm	5m/roll	2/3 years	IP20/+cover

Roll-to-Roll LED COB Strip - Static White

FPC Width: 4mm



4mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB320W4R2R	DC5V	28/28	6W	320	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	12.5mm	10m/roll	2/3 years	IP20/+cover
Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB480W4R2R	DC5V	28/28	6W	480	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	185 - 100lm/w	12.5mm	10m/roll	2/3 years	IP20/+cover

LED COB Strip - Static White

FPC Width: 5mm



5mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	EXW Price
COB384W5	DC12V	25/25	7.2W	384	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	20.83mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	7.2W	384	SanAn 620		Ra 90+	85 - 100lm/w	41.66mm	5m/roll	2/3 years	IP20/+cover
COB400W5	DC12V	25/25	7.2W	400	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	10mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	7.2W	400	SanAn 620		Ra 90+	85 - 100lm/w	20mm	5m/roll	2/3 years	IP20/+cover
COB480W5	DC12V	25/25	7.2W	480	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	7.2W	480	SanAn 620		Ra 90+	85 - 100lm/w	50mm	5m/roll	2/3 years	IP20/+cover

Roll-to-Roll LED COB Strip - Static White

FPC Width: 5mm



5mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB320W5R2R	DC5V	28/28	6W	320	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	12.5mm	10m/roll	2/3 years	IP20/+cover
	DC5V	28/28	6W	320	SanAn 620		Ra 90+	85 - 100lm/w	25mm	10m/roll	2/3 years	IP20/+cover
	DC12V	28/28	8W	320	SanAn 620		Ra 90+	85 - 100lm/w	25mm	10m/roll	2/3 years	IP20/+cover
	DC24V	28/28	8W	320	SanAn 620		Ra 90+	85 - 100lm/w	50mm	10m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB400W5	DC5V	28/28	6W	400	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	10mm	10m/roll	2/3 years	IP20/+cover
	DC12V Soldering-free	28/28	8W	400	SanAn 620		Ra 90+	85 - 100lm/w	10mm	10m/roll	2/3 years	IP20/+cover

Roll-to-Roll LED COB Strip - Static White

FPC Width: 6.1mm



6mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB400W6 Soldering-free	DC12V	28/28	8W	400	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	10mm	10m/roll	2/3 years	IP20/+cover

LED COB Strip - Static White

FPC Width: 8mm

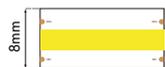


8mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB320W8	DC5V	25/25	10W	320	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	12.5mm	5m/roll	2/3 years	IP20/+cover
	DC12V	25/25	10W	320	SanAn 620		Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	10W	320	SanAn 620		Ra 90+	85 - 100lm/w	50mm	5m/roll	2/3 years	IP20/+cover
Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB384W8	DC12V	25/25	10W	384	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	20.8mm	5m/roll	2/3years	IP20/+cover
	DC24V	25/25	10W	384	SanAn 620		Ra 90+	85 - 100lm/w	41.7mm	5m/roll	2/3 years	IP20/+cover
Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB480W8	DC12V	25/25	10W	480	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	33.33mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	10W	480	SanAn 620		Ra 90+	85 - 100lm/w	33.33mm	5m/roll	2/3 years	IP20/+cover

Roll-to-Roll LED COB Strip - Static White

FPC Width: 8mm



8mm R2R Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB320W8R2R	DC5V	28/28	10W	320	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover
	DC12V	28/28	10W	320	SanAn 620		Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover
	DC24V	28/28	10W	320	SanAn 620		Ra 90+	85 - 100lm/w	50mm	5m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB480W8R2R	DC12V	28/28	10W	384	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	31.25mm	5m/roll	2/3 years	IP20/+cover
	DC24V	28/28	10W	384	SanAn 620		Ra 90+	85 - 100lm/w	31.25mm	5m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB400W8R2R Soldering-free	DC12V	28/28	8W	400	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	10mm	10m/roll	2/3 years	IP20/+cover
	DC12V	28/28	8W	400	SanAn 620		Ra 90+	85 - 100lm/w	freely	10m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB384W8R2R	DC12V	28/28	10W	480	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover
	DC24V	28/28	10W	480	SanAn 620		Ra 90+	85 - 100lm/w	50mm	5m/roll	2/3 years	IP20/+cover

LED COB Strip - Static White

FPC Width: 10mm



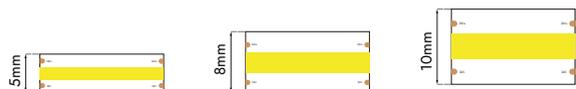
10mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB512W10	DC24V	25/25	12W	512	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	62.5mm	5m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB528W10	DC12V	25/25	12W	528	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	22.75mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	12W	528	SanAn 620		Ra 90+	85 - 100lm/w	45.45mm	5m/roll	2/3 years	IP20/+cover

LED COB Strip - CCT

Tunable White CCT Series: 5/8/10mm



CCT - 5mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB500W5CCT	DC5V	25/25	5W+5W	500	SanAn 620	2700 K  6500 K	Ra 90+	85 - 100lm/w	20mm	5m/roll	2/3 years	IP20/+cover

CCT - 8mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB500W8CCT	DC5V	25/25	5W+5W	500	SanAn 620	2700 K  6500 K	Ra 90+	85 - 100lm/w	20mm	5m/roll	2/3 years	IP20/+cover
COB608W8CCT	DC12V	25/25	7W+7W	608	SanAn 620		Ra 90+	85 - 100lm/w	26.3mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	7W+7W	608	SanAn 620		Ra 90+	85 - 100lm/w	26.3mm	5m/roll	2/3 years	IP20/+cover

CCT - 10mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB608W10CCT	DC24V	25/25	7W+7W	608	SanAn 620	2700 K  6500 K	Ra 90+	85 - 100lm/w	26.3mm	5m/roll	2/3 years	IP20/+cover
COB640W10CCT	DC24V	25/25	7W+7W	640	SanAn 620		Ra 90+	85 - 100lm/w	25mm	5m/roll	2/3 years	IP20/+cover

LED COB Strip - Magic White

Magic White Series : 10mm



10mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB360W10MW	DC24V	25/25	8W	360/12leds	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	12.5mm	5m/roll	2/3 years	IP20/+cover

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB378W10MW	DC24V	25/25	8W	378/6leds	SanAn 620	2700 K 3000 K 3500 K 4000 K 6500 K	Ra 90+	85 - 100lm/w	167mm	5m/roll	2/3 years	IP20/+cover

LED COB Strip - RGB

FPC Width : 10mm



10mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	Color	Controller	Mini Cutting Length	Package	Warranty	IP Grade
COB576W10RGB	DC12V	25/25	14W	576 / 3leds	BMTC		Remote control	71.4mm	5m/roll	2/3 years	IP20/+cover
	DC24V	25/25	14W	576 / 6leds	BMTC	Red,Green,Blue,R+G,R+B,G+B,White, total 7 colors	Remote control	71.4mm	5m/roll	2/3 years	IP20/+cover
COB756W10RGB	DC12V	25/25	14W	756	BMTC		Remote control	23.81mm	5m/roll	2/3 years	IP20/+cover
						Red,Green,Blue,R+G,R+B,G+B,White, total 7 colors					
COB768W10RGB	DC24V	25/25	14W	768	BMTC		Remote control	31.25mm	5m/roll	2/3 years	IP20/+cover
						Red,Green,Blue,R+G,R+B,G+B,White, total 7 colors					
COB810W10RGB	DC12V	25/25	15W	810	BMTC		Remote control	33.33mm	5m/roll	2/3 years	IP20/+cover
						Red,Green,Blue,R+G,R+B,G+B,White, total 7 colors					
COB840W10RGB	DC24V	25/25	15W	840	BMTC		Remote control	33.33mm	5m/roll	2/3 years	IP20/+cover
						Red,Green,Blue,R+G,R+B,G+B,White, total 7 colors					

LED COB Strip - RGBW & RGBCW

FPC Width : 12mm

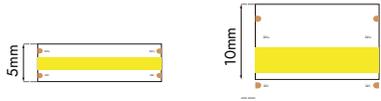


12mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	Color & CCT	Controller	Mini Cutting Length	Package	Warranty	IP Grade
COB504W12RGBW	DC24V	25/25	12W	504	BMTC	 CCT customized	Remote control	55.55mm	5m/roll	2/3 years	IP20/+cover
COB784W12RGBW	DC24V	25/25	18W	784	BMTC	 CCT customized	Remote control	71.43mm	5m/roll	2/3 years	IP20/+cover
COB896WRGBW	DC24V	25/25	20W	896	BMTC	 CCT customized	Remote control	62.5mm	5m/roll	2/3 years	IP20/+cover
COB840W8RGBCW	DC24V	25/25	16W	840	BMTC	 2700 K 6500 K	Remote control	41.65mm	5m/roll	2/3 years	IP20/+cover

LED COB Strip - RGBW with IC

FPC Width : 5/10mm



5mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	Color & CCT	IC	Controller	Mini Cutting Length	Package	Warranty	IP Grade
COB206W5RGBW	DC5V	25/25	14W	160/2leds built-in IC	BMTC		2811	DMX/SPI	12.5mm	5m/roll	2/3 years	IP20/+cover

10mm Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	Color & CCT	IC	Controller	Mini Cutting Length	Package	Warranty	IP Grade
COB720W10RGBW	DC24V	25/25	14W	720/10leds external IC	BMTC		2811	DMX/SPI	100mm	5m/roll	2/3 years	IP20/+cover

High-Voltage LED COB Strip - Static White

FPC Width: 8mm/10mm



High Voltage Series

Model	Voltage	FPC Thickness	Power (W/M)	Chip Qty	Chip Brand	CCT	CRI	Lumen efficacy	Mini Cutting Length	Package	Warranty	IP Grade
COB280W10HV	AC220V	25/25	8W	280	SanAn 620	2700 k 3000 k 3500 k 4000 k 6500 k	Ra 90+	85 - 100lm/w	250mm	10m/roll	2/3 years	IP65/67
COB360W8HV	AC220V	50/25	10W	288	6V BMTC 621		Ra 80+	85 - 100lm/w	100mm	5m/roll	2/3 years	IP65/67

Remarks: High Voltage Series Including Silicone cover

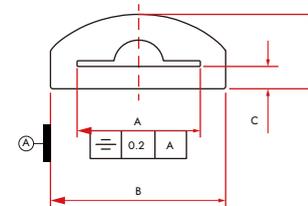
Waterproof Quick Connector

Size Available

- 01 8MM 2PIN/3PIN
- 02 10MM 2PIN/3PIN/4PIN/5PIN
- 03 12MM 2PIN/3PIN/4PIN/5PIN/6PIN



Size reference with cover



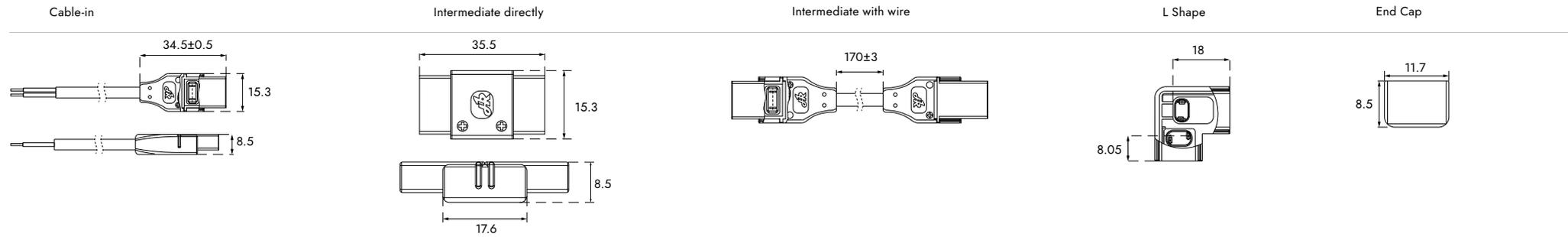
Serial	Dimension	A±0.1	B±0.2	C±0.2	D±0.2
1	8mm	8	10.3	1.3	4.3
2	10mm	10	12.3	1.3	4.3
3	12mm	12	14.3	1.3	4.3

- Rectangular or arc cross section has the same dimension

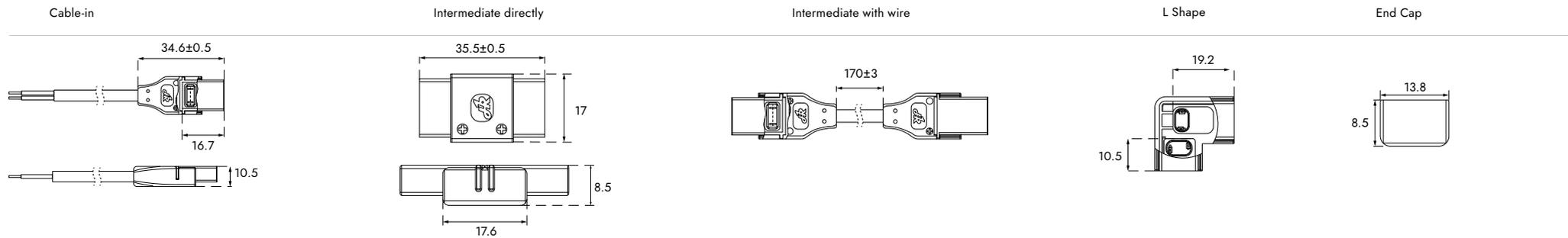
Quick Connector Dimensions

Unit(mm)

8mm 2PIN/3PIN



10mm 2PIN/3PIN/4PIN/5PIN



12mm 2PIN/3PIN/4PIN/5PIN/6PIN

