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COB LED STRIP

Catalogue from JLEDS Limited

2025
PRODUCT CATALOGUE



CONTENTS

<u>Ref no.</u>	<u>Range</u>
01-11	High Brightness LED COB strip
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ABOUT US

JLEDS Limited was established in year 2015 and we have specialized in LED strip light distribution. Our main products are SMD LED strip light, COB LED strip light, Specialist LED Strip and LED Neon lights.

Our products are CE, RoHS, UKCA certified and UL listed where required. We choose suppliers who offer professionalism in aspects we take care to select, such as high levels of R&D development, quality control, high service levels, before and after purchase. Our aim is to provide competitive prices for OEM, ODM, re-sellers and trade customers, who have the same ethos as ourselves.

We are always looking to attract more custom and hope you find items which appeal to you from within this catalogue.

Please contact us for more details.

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FACTORY REVIEW



We have explained our products are high quality and must meet high levels of standard, incorporating CE, RoHS, UKCA and UL requirements as well as reach the very newest ERP standards.

To achieve that we only select from factories who can achieve these high standards. The production facilities must be superb, clean and tidy with several automatic LED strip production lines and automatic silicone extrusion machines. Care is also taken choosing quality components, whether that is with the LED Chip or PCB. It's all down to detail.

Using quality factories helps us provide speedy supplies. We price ourselves on achieving a fast turn around of orders.



CERTIFICATION & PATENTS



COB SERIES LED STRIP

Perfect for a highly desired seamless, spotless and continuous linear lighting solution
Easy to install and maintain
Complete with a 3M self adhesive backing for easy mounting into LED channel High
colour consistency, same colour tone



PRODUCT SERIES (HIGH BRIGHTNESS COB LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
01		COB	3 mm	480 LEDs/m	DC 12V DC 24V	5W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	80~85 Lm/w	25 mm
										50 mm
02		COB	4 mm	480 LEDs/m	DC 12V DC 24V	6W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	90 Lm/w	50 mm
03		COB	5 mm	480 LEDs/m	DC 12V DC 24V	7W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	80 Lm/w 90 Lm/w 95 Lm/w	25 mm
										50 mm
04		COB	8 mm	400 LEDs/m	DC 12V DC 24V	7W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	80 Lm/w 90 Lm/w 95 Lm/w	10 mm
										20 mm
05		COB	8 mm	480 LEDs/m	DC 12/24V DC 12/24V	9W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	95 Lm/w 100 Lm/w 110 Lm/w	25 mm
										50 mm
06		COB	8 mm	320 LEDs/m	DC 48V	8W/m	2700K~6500K	>90	90~110 Lm/w	100 mm
		COB	10 mm	480 LEDs/m	DC 48V	10W/m	2700K~6500K	>90	90~110 Lm/w	100 mm
		JL-COB-8-320-8W-48V JL-COB-10-480-810-48V	max run from one end 20M max run from one end 30M							
07		COB	10 mm	480 LEDs/m	DC 12V DC 24V	12W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	95 Lm/w 100 Lm/w 110 Lm/w	25 mm
										50 mm
08		COB	10 mm	512 LEDs/m	DC 24V	14W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	95 Lm/w 100 Lm/w 110 Lm/w	62.5 mm

HIGH BRIGHTNESS COB LED STRIP

01

3mm Super Slim COB LED Strip
JL-COB-3-480-5W-12V or 24V



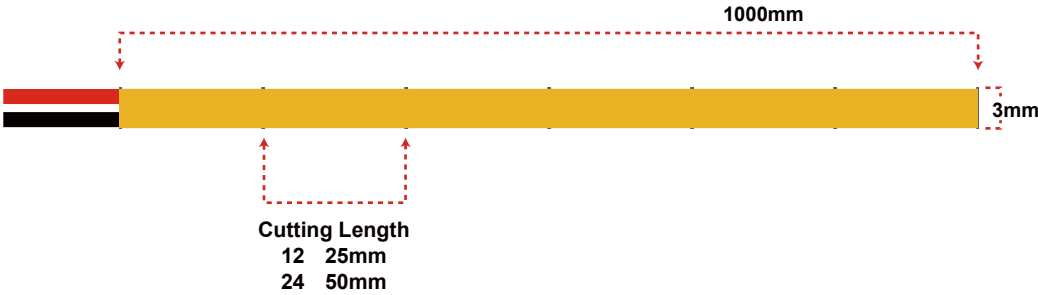
- SWW
- WW
- CW
- DW

Product Parameters

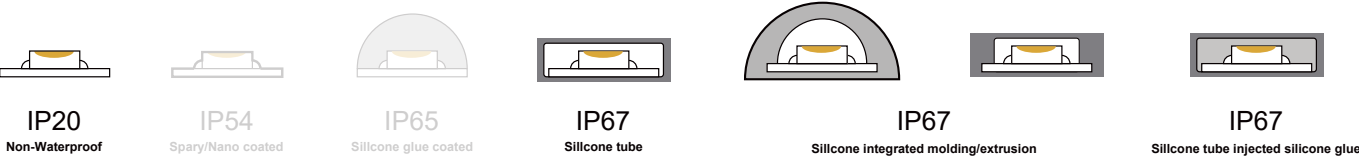
Model	JL-COB-3-480-5W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	5W/m
CCT/Colour	3000K, 4000K, 6000K
CRI	>90
Lumen per watt	80~85 Lm/w
Lumen per metre	400~425 Lm/pm
PCB Width/mm	3 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



02

4mm Super Slim COB LED Strip
JL-COB-4-480-6W-12V or 24V



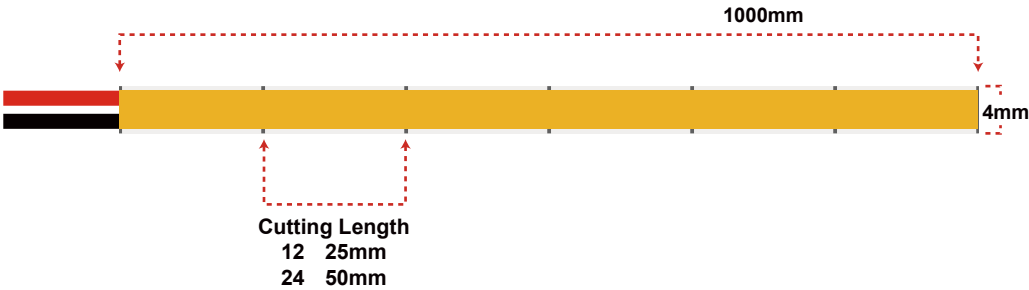
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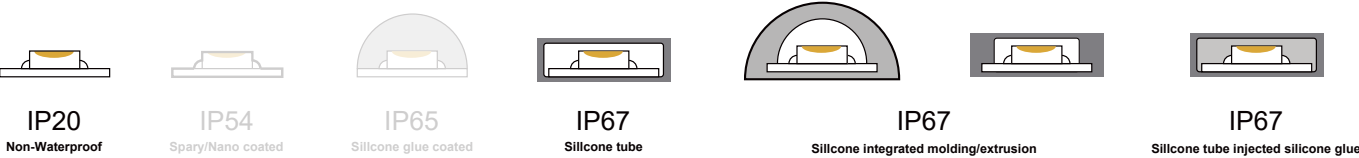
Model	JL-COB-4-480-W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	6W/m
CCT/Colour	3000K, 4000K, 6000K
CRI	>90
Lumen per watt	90 Lm/w
Lumen per metre	540 Lm/pm
PCB Width/mm	4 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



03

5mm Super Slim COB LED Strip
JL-COB-5-480-7W-12V or 24V



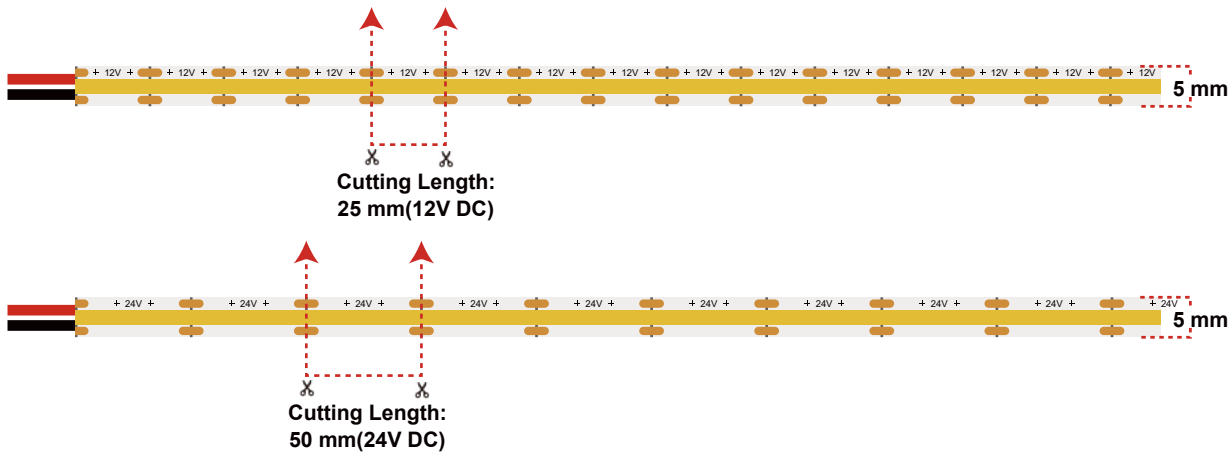
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Product Parameters

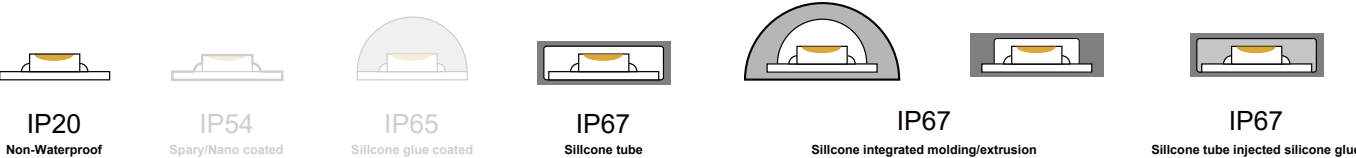
Model	JL-COB-5-480-7W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	7W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 80, 90 or 95 Lm/w
Lumen per metre	560lm, 630lm or 665 Lm/pm
PCB Width/mm	5 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



04

8mm Standard COB LED Strip
JL-COB-8-400-7W-12V or 24V



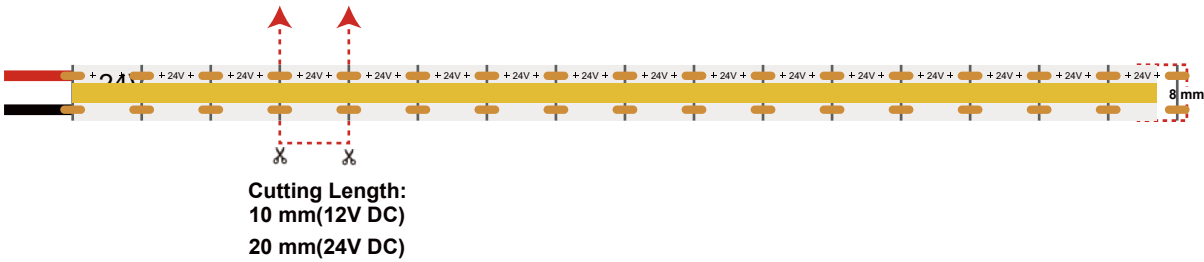
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Product Parameters

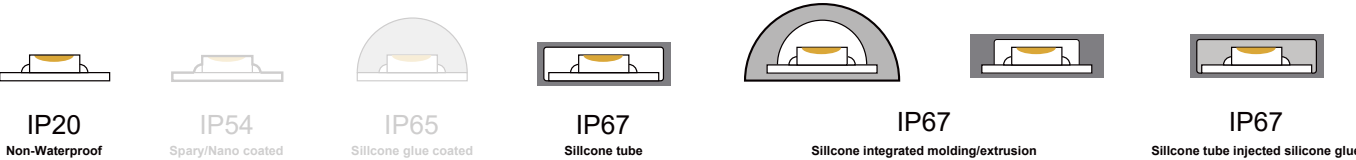
Model	JL-COB-8-400-7W-12V or 24V
LED Type	COB
LED Qty	400 LEDs/m
Voltage	DC 12/24V
Power	7W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 80, 90 or 95 Lm/w
Lumen per metre	560lm, 630lm or 665 Lm/pm
PCB Width/mm	8 mm
Cutting Length	12V 10 mm 24V 20 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP

05

8mm Standard COB LED Strip
JL-COB-8-480-9W-12V or 24V



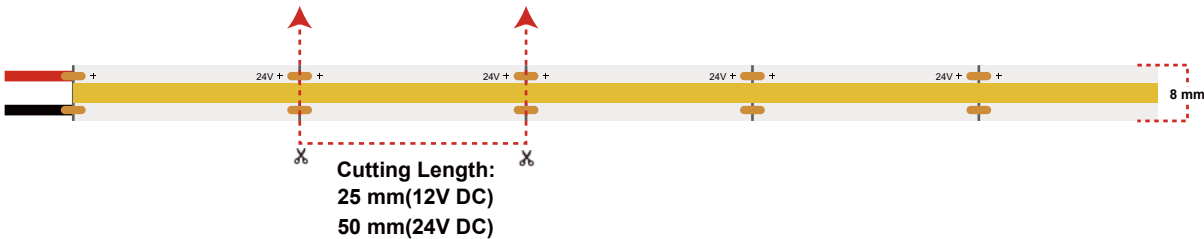
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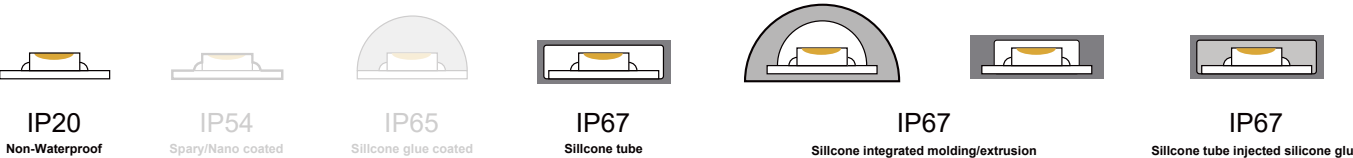
Model	JL-COB-8-480-9W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	9W/m
CCT/Colour	2400K, 2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 95,100 or 105 Lm/w
Lumen per metre	855lm, 900lm or 945 Lm/pm
PCB Width/mm	8 mm
Cutting Length	12V 10 mm 24V 20 mm



Dimension Drawing (mm)



IP Rate



UITRA LENGTH 48V DC HIGH BRIGHTNESS COB LED STRIP



06

Ultra Long Length COB LED Strip

JL-COB-8-320-8W-48V
JL-COB-10-480-10W-48V

 SWW  WW  CW  DW



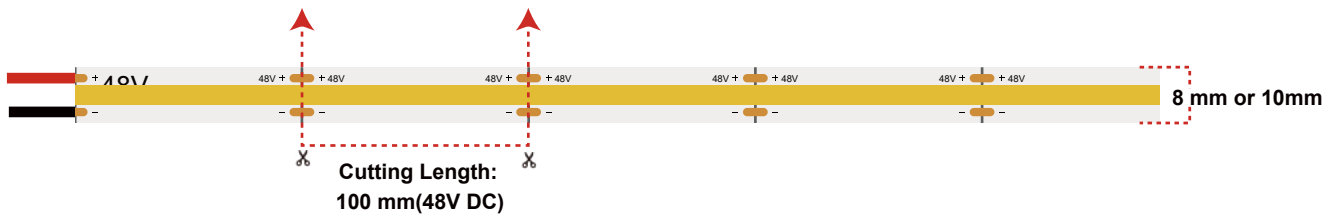
Product Parameters

Model	JL-COB-8-320-8W-48V
LED Type	COB
LED Qty	320 LEDs/m
Voltage	DC48V
Power	8W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	90-110 Lm/w
Lumen per metre	720-880lm Lm/pm
PCB Width/mm	8 mm
Cutting Length	100 mm
Run length from one end only	20M

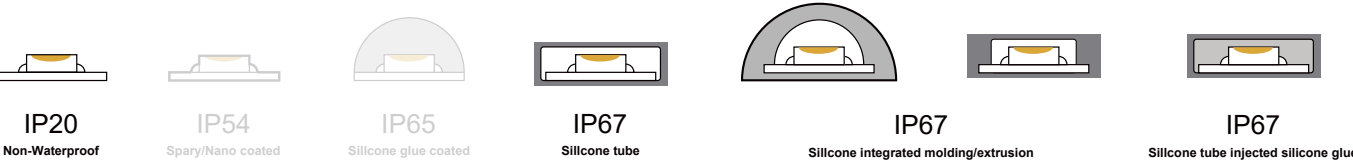
Model	JL-COB-10-480-10W-48V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC48V
Power	10W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	90-110 Lm/w
Lumen per metre	900-1100lm Lm/pm
PCB Width/mm	10 mm
Cutting Length	100 mm
Run length from one end only	30M



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



07

JL-COB-10-480-12W-12V or 24V



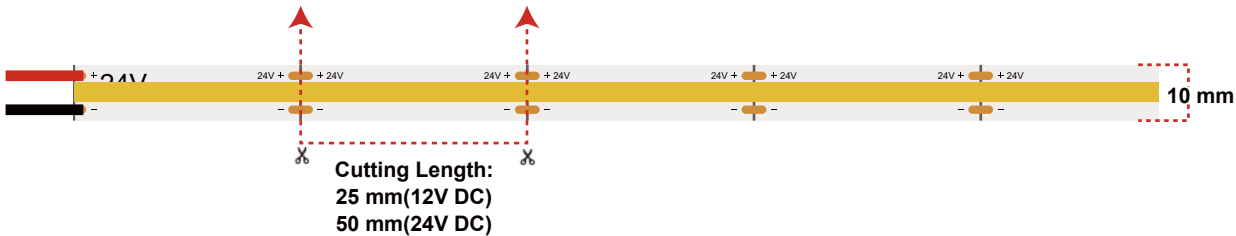
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Product Parameters

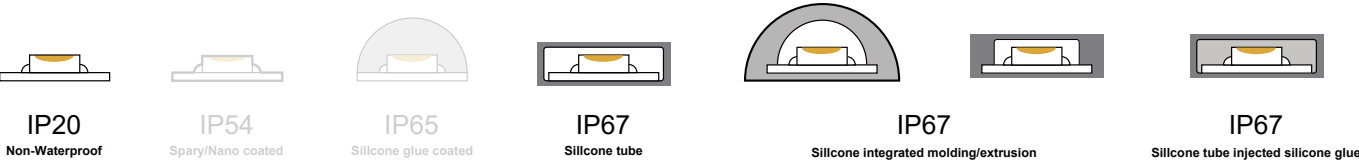
Model	JL-COB-10-480-12W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	12 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 95,100 or 110 Lm/w
Lumen per metre	1140lm, 1200lm or 1320 Lm/pm
PCB Width/mm	10 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



08

JL-COB-10-512-14W-24V



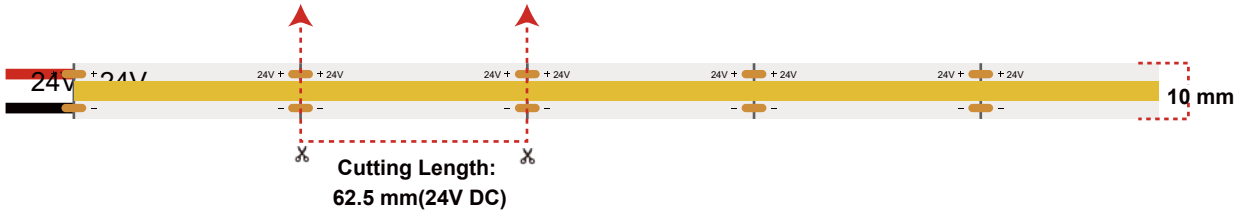
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Product Parameters

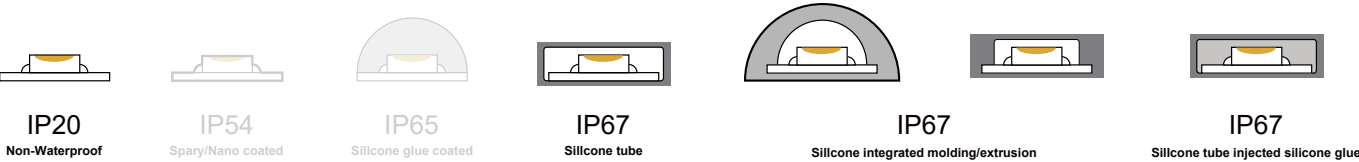
Model	JL-COB-10-512-14W-24V
LED Type	COB
LED Qty	512 LEDs/m
Voltage	DC 24V
Power	14 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 95,100 or 110 Lm/w
Lumen per metre	1330lm, 1400lm or 1540 Lm/pm
PCB Width/mm	10 mm
Cutting Length	62.5 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



09

JL-COB-10-528-14W-12V or 24V



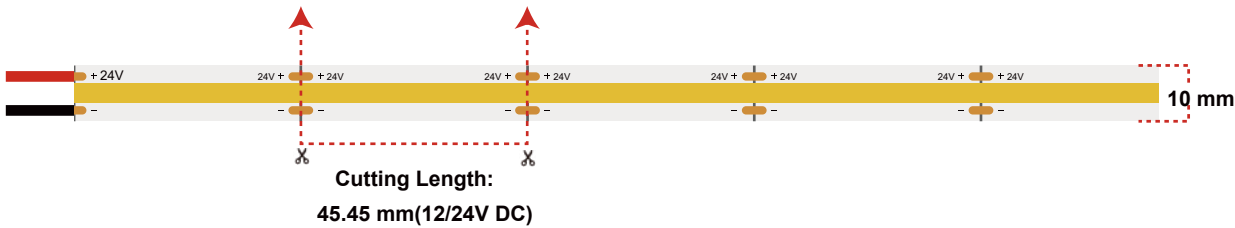
- SWW
- WW
- CW
- DW

Product Parameters

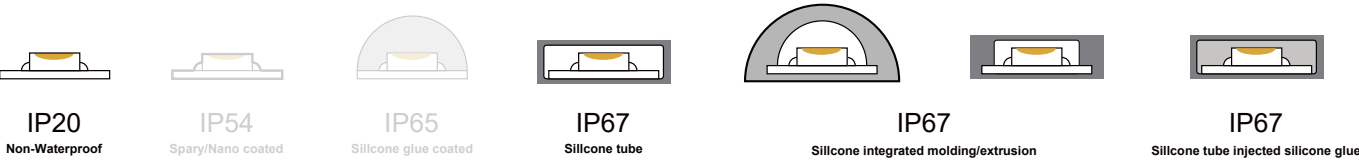
Model	JL-COB-10-528-14W-12V or 24V
LED Type	COB
LED Qty	528 LEDs/m
Voltage	DC 12/24V
Power	14 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 100,110 or 120 Lm/w
Lumen per metre	1440lm, 1540lm or 1680 Lm/pm
PCB Width/mm	10 mm
Cutting Length	45.45 mm



Dimension Drawing (mm)



IP Rate



HIGH BRIGHTNESS COB LED STRIP



10

JL-COB-10-640-18W-24V



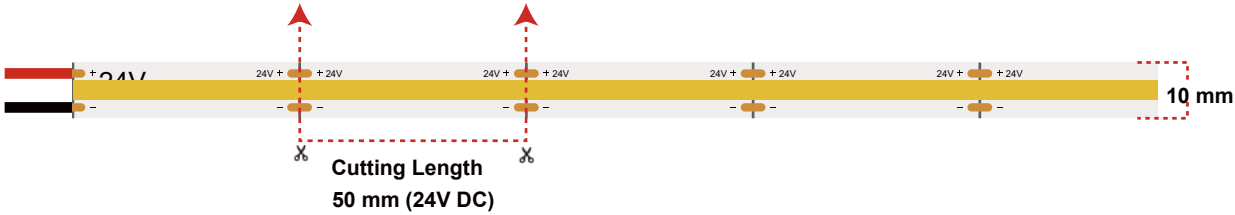
- SWW
- WW
- CW
- DW

Product Parameters

Model	JL-COB-10-640-18W-24V
LED Type	COB
LED Qty	640 LEDs/m
Voltage	DC 24V
Power	18 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 100,110 or 120 Lm/w
Lumen per metre	1800lm, 1980lm or 2160 Lm/pm
PCB Width/mm	10 mm
Cutting Length	50 mm



Dimension Drawing (mm)



IP Rate

- IP20
Non-Waterproof
- IP54
Spary/Nano coated
- IP65
Silicone glue coated
- IP67
Silicone tube
- IP67
Silicone integrated molding/extrusion
- IP67
Silicone tube injected silicone glue

HIGH BRIGHTNESS COB LED STRIP



11

JL-COB-12-616-7W-24V



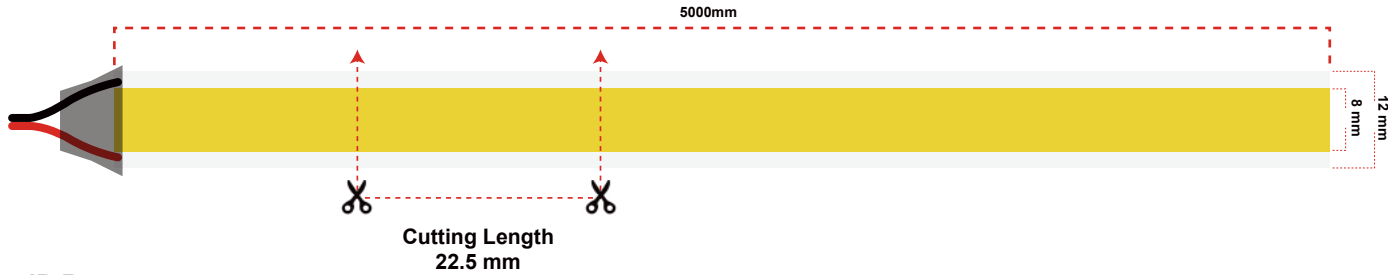
- SWW
- WW
- CW
- DW

Product Parameters

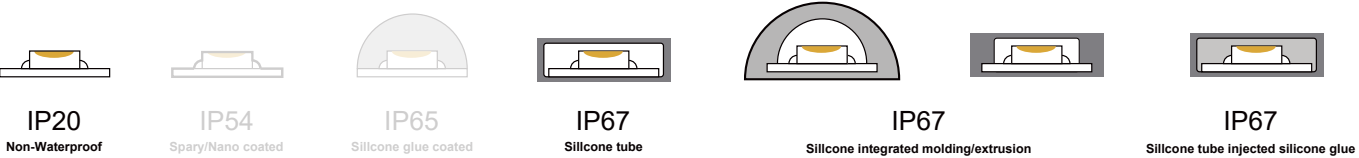
Model	JL-COB-12-616-7W-24V
LED Type	COB
LED Qty	616 LEDs/m
Voltage	DC 24V
Power	7 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	Options 100,110 or 120 Lm/w
Lumen per metre	700lm, 770lm or 840 Lm/pm
PCB Width/mm	12 mm
Cutting Length	22.50 mm



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES (RGB and RGBW COB LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
12	 JL-COB-10-450-15W-RGB-12V	COB	10 mm	450 LEDs/m	DC 12V	15W/m	RGB	/	/	20 mm
		Stock item. Immediate delivery possible.								
13	 JL-COB-10-480-15W-RGB-24V	COB	10 mm	480 LEDs/m	DC 24V	15W/m	RGB	/	/	50 mm
		Stock item. Immediate delivery possible.								
14	 JL-COB-10-576-18W-RGB-12V or 24V	COB	10 mm	576 LEDs/m	DC 12V DC 24V	18W/m	RGB	/	/	31.25 mm 62.5 mm
15	 JL-COB-10-756-14W-RGB-12V	COB	10 mm	756 LEDs/m	DC 12V	14W/m	RGB	/	/	23.81 mm
16	 JL-COB-10-768-14W-RGB-24V	COB	10 mm	768 LEDs/m	DC 24V	14W/m	RGB	/	/	31.26 mm
17	 JL-COB-10-840-18W-RGB-12V or 24V	COB	10 mm	840 LEDs/m	DC 12V DC 24V	18W/m	RGB	/	/	14.29 mm 25 mm
		24V is a Stock item. Immediate delivery possible.								
18	 JL-COB-12-784-19W-RGBW-24V	COB	12 mm	784 LEDs/m	DC 24V	19W/m	RGBW	/	/	71.42 mm
19	 JL-COB-12-896-20W-RGBW-24V	COB	12 mm	896 LEDs/m	DC 24V	20W/m	RGBW	/	/	31.25 mm
		Stock item. Immediate delivery possible.								

PRODUCT SERIES

(RGB RGBW COB LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
20		COB	12 mm	1232 LEDs/m	DC 24V	20 W/m	RGBW	/	/	22.72 mm
	JL-COB-12-1232-20W-24V-RGBW									
21		COB	12 mm	840 LEDs/m	DC 24V	21 W/m	RGB+3000K+6000K	/	/	35.71 mm
	JL-COB-12-840-21W-24V-RGBCW									

RGB COB LED STRIP SERIES



12

JL-COB-10-450-15W-12V-RGB

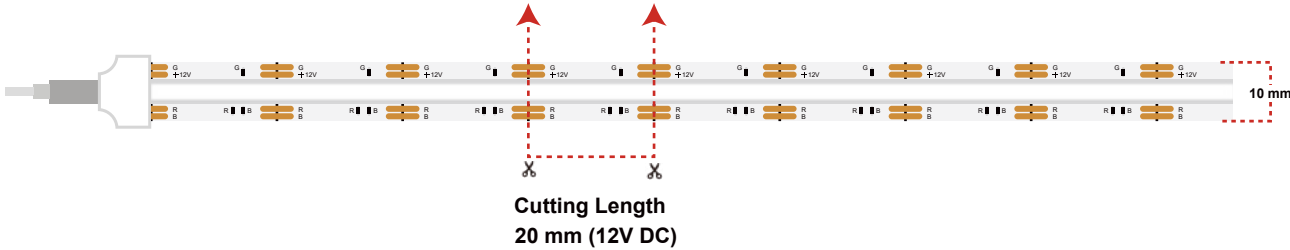


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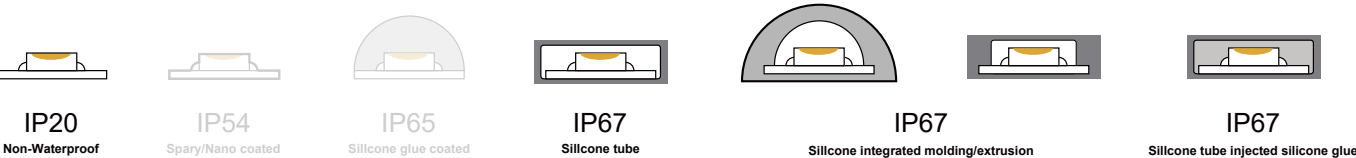
Model	JL-COB-10-450-15W-12V-RGB
LED Type	COB
LED Qty	450 LEDs/m
Voltage	DC 12V
Power	15 W/m
CCT/Colour	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	20 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



13

JL-COB-10-480-15W-24V-RGB

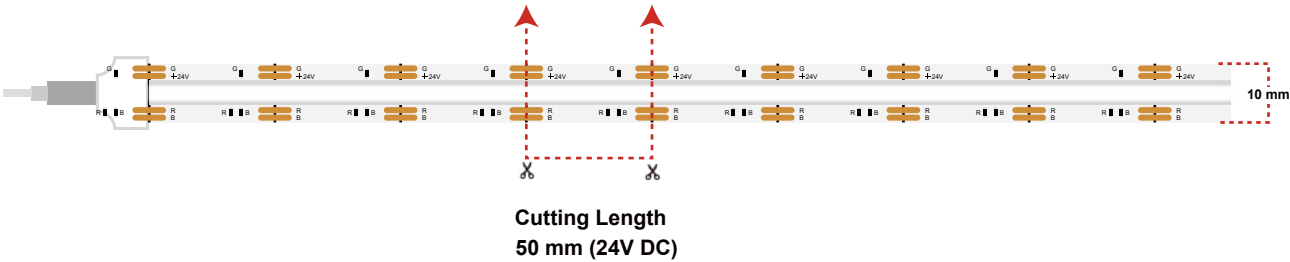


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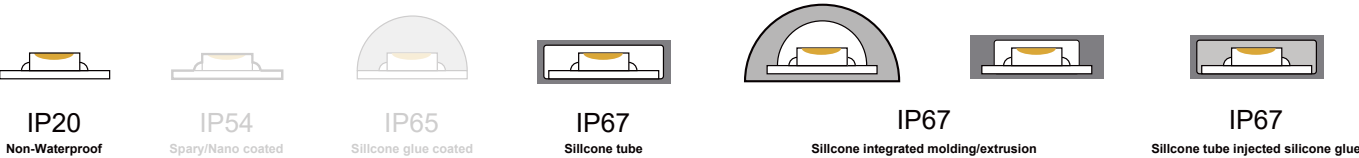
Model	JL-COB-10-480-15W-24V-RGB
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 24V
Power	15 W/m
CCT/Colour	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	50 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



14

JL-COB-10-576-18W-12V-RGB
JL-COB-10-576-18W-24V-RGB

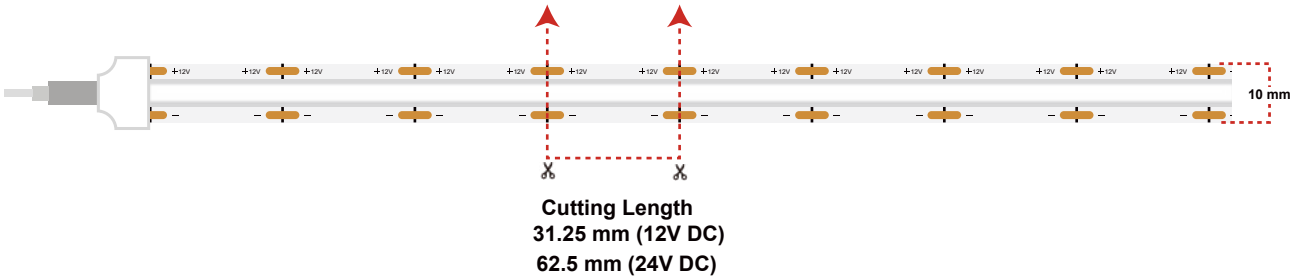


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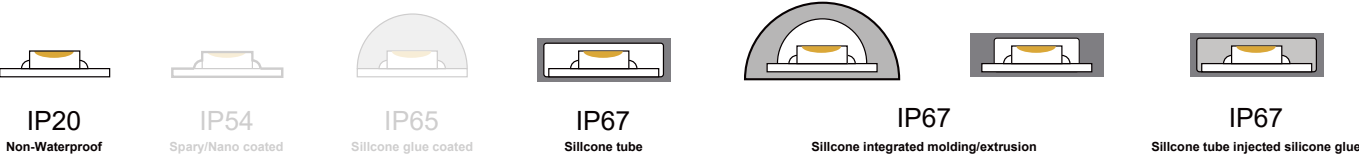
Model	JL-COB-10-576-18W-12V or 24V-RGB
LED Type	COB
LED Qty	576 LEDs/m
Voltage	DC 12/24V
Power	18 W/m
CCT/Colour	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	12V: 31.25mm 24V: 62.5 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



15

JL-COB-10-756-14W-12V-RGB

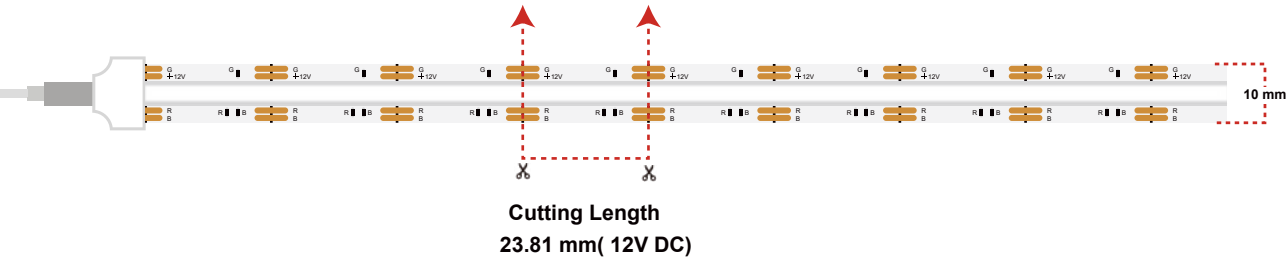


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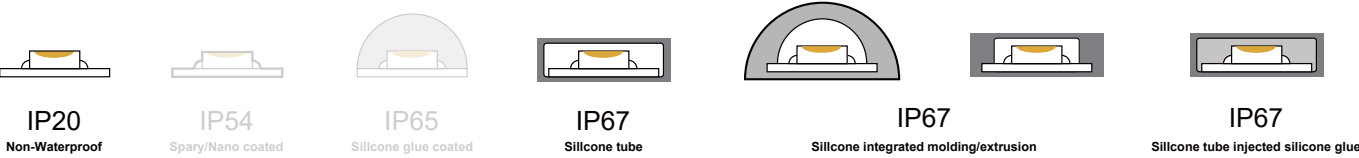
Model	JL-COB-10-756-14W-12V-RGB
LED Type	COB
LED Qty	756 LEDs/m
Voltage	DC 12V
Power	14 W/m
CCT/Colour	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	23.81 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



16

JL-COB-10-768-14W-24V-RGB

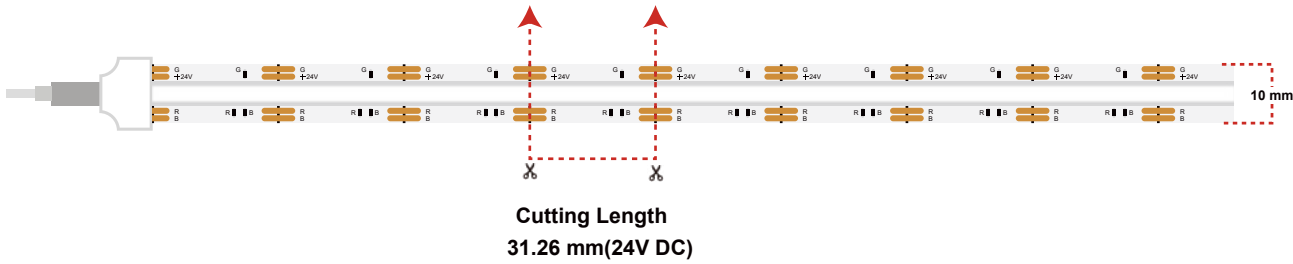


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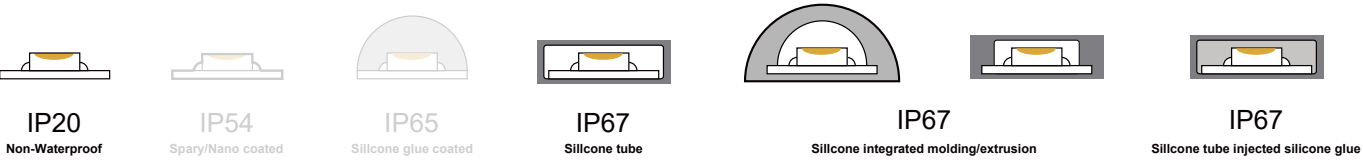
Model	JL-COB-10-768-14W-24V-RGB
LED Type	COB
LED Qty	768 LEDs/m
Voltage	DC 24V
Power	14 W/m
CCT/Color	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	31.26 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



17

JL-COB-10-840-18W-12V-RGB
JL-COB-10-840-18W-24V-RGB

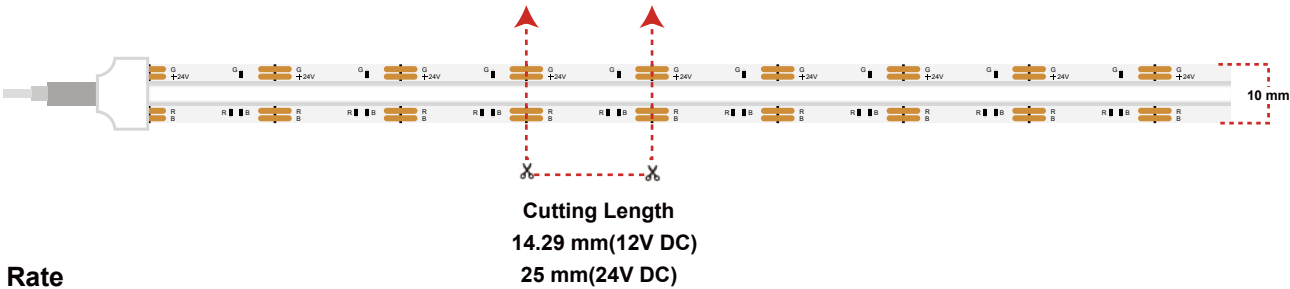


Product Parameters

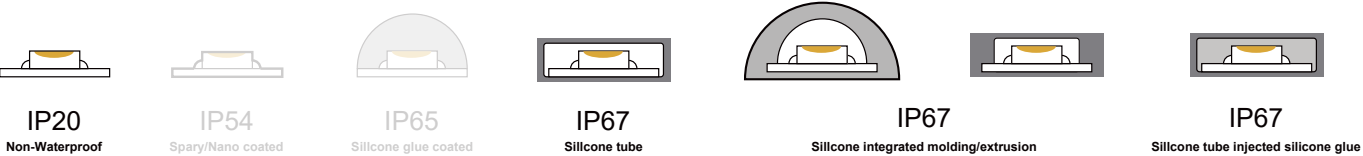
Model	JL-COB-10-840-18W-12V-RGB JL-COB-10-840-18W-24V-RGB
LED Type	COB
LED Qty	840 LEDs/m
Voltage	DC 12/24V
Power	18 W/m
CCT/Colour	RGB
CRI	/
PCB Width/mm	10 mm
Cutting Length	12V: 14.29mm 24V: 25 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



18

JL-COB-12-784-24V-RGBW-24
4 in 1 Colour

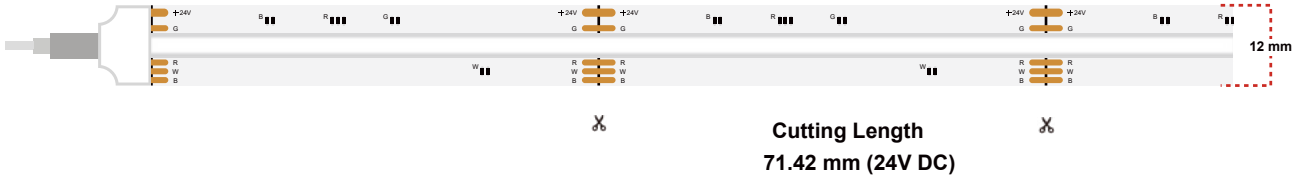


Product Parameters

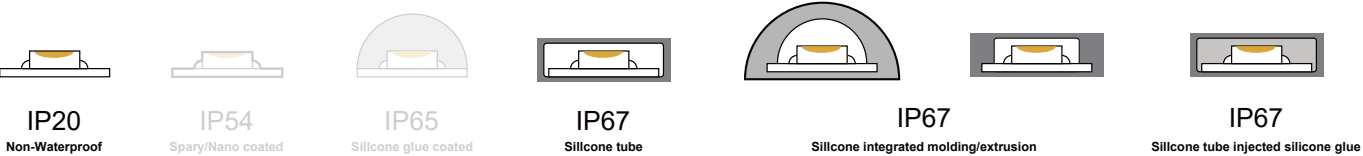
Model	ART-COB12-784-24-RGB
LED Type	COB
LED Qty	784 LEDs/m
Voltage	DC 24V
Power	19 W/m
CCT/Colour	RGBW
CRI	/
PCB Width/mm	12 mm
Cutting Length	71.42 mm



Dimension Drawing (mm)



IP Rate



RGB COB LED STRIP SERIES



19

JL-COB-12-896-20W-24V-RGBW
4 in 1 Colour

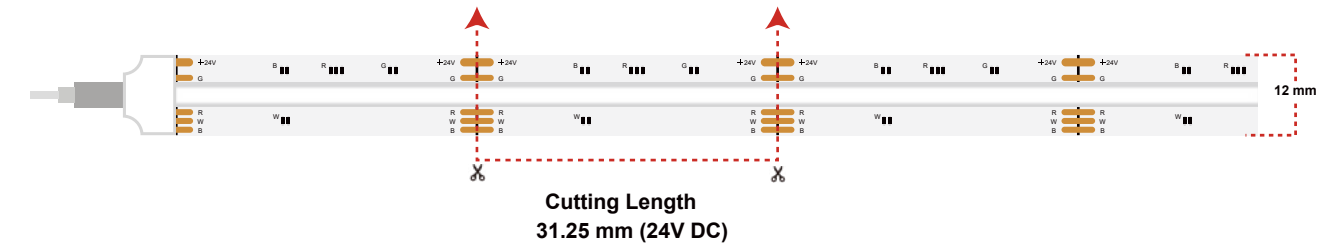


Product Parameters

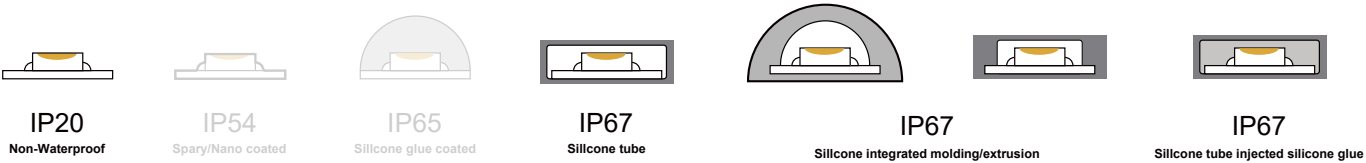
Model	JL-COB-12-896-20W-24V-RGBW
LED Type	COB
LED Qty	896 LEDs/m
Voltage	DC 24V
Power	20 W/m
CCT/ColorU	RGBW
CRI	/
PCB Width/mm	12 mm
Cutting Length	31.25 mm



Dimension Drawing (mm)



IP Rate



RGBW COB LED STRIP SERIES



20

JL-COB-12-1232-20W-24V-RGBW
4 in 1 Colour

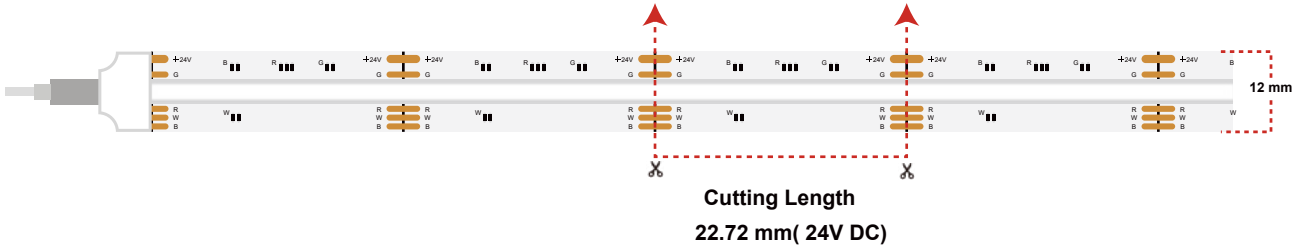


Product Parameters

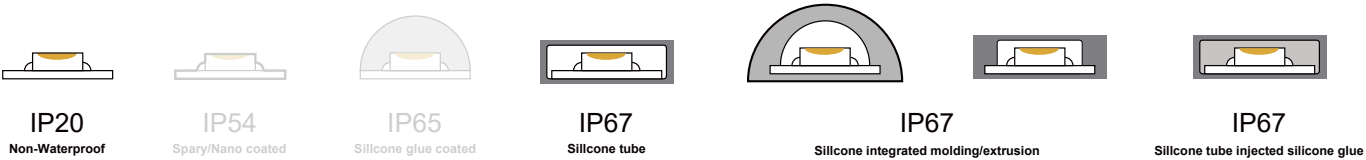
Model	JL-COB-12-1232-20W-24V-RGBW
LED Type	COB
LED Qty	1232 LEDs/m
Voltage	DC 24V
Power	20 W/m
CCT/Colour	RGBW
CRI	/
PCB Width/mm	12 mm
Cutting Length	22.72 mm



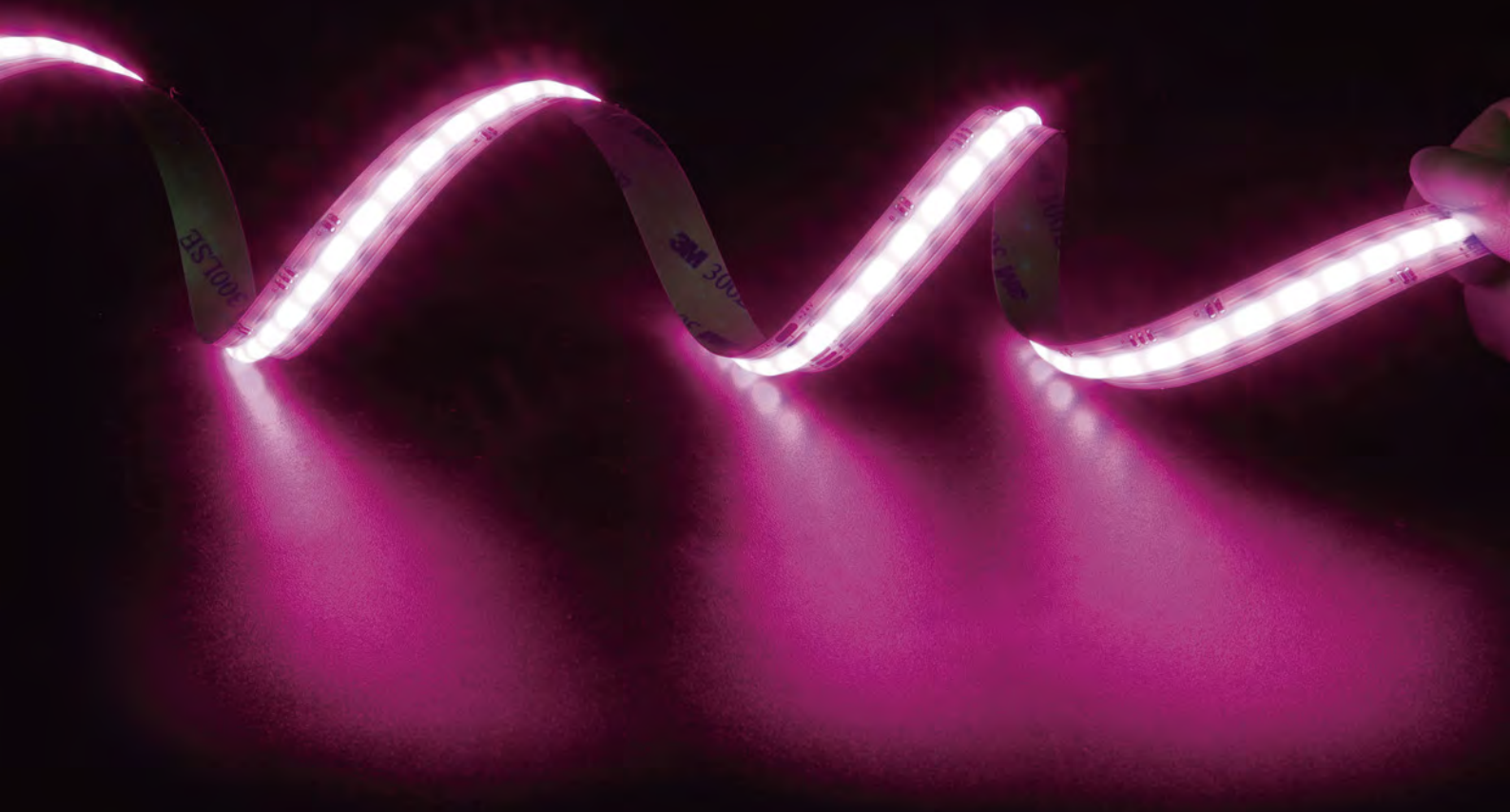
Dimension Drawing (mm)



IP Rate



RGBW COB LED STRIP SERIES



21

JL-COB-12-840-21W-24V-RGBCW
5 in 1 Color

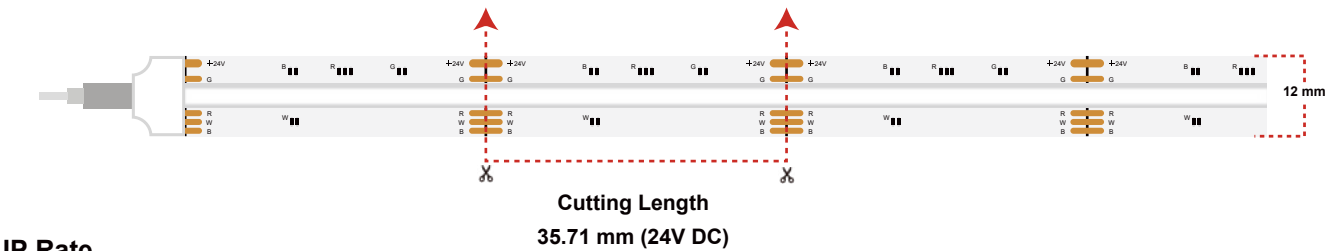


Product Parameters

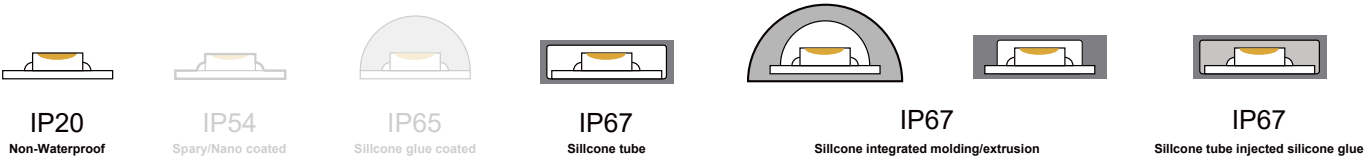
Model	JL-COB-12-840-21W-24V-RGBCW
LED Type	COB
LED Qty	840 LEDs/m
Voltage	DC 24V
Power	21 W/m
CCT/Colour	RGB+3000K+6000K
CRI	/
PCB Width/mm	12 mm
Cutting Length	35.71 mm



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
22		COB	8 mm	320 LEDs/m	DC 12V DC 24V	8 W/m	2700K 3000K 4000K 6000K	>90	100 Lm/w	50 mm 100 mm
	JL-COB-8-320-8W-12V or 24V									
23		COB	8 mm	480 LEDs/m	DC 12V DC 24V	10 W/m	2700K 3000K 4000K 6000K	>90	110 Lm/w	25 mm 50 mm
	JL-COB-8-480-10W-12V or 24V Very popular. Stock of 24V version available in both 5M and 30M reels. Immediate delivery possible.									

REEL TO REEL COB LED STRIP



22

JL-COB-8-320-8W-12V or 24V
Reel To Reel COB LED Strip
Without solder sections on PCB



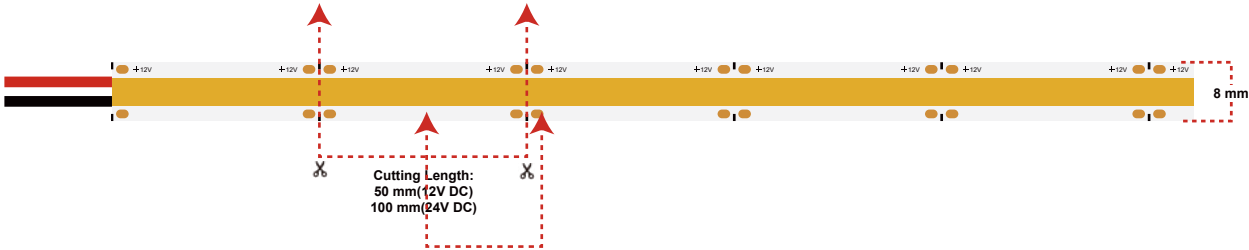
- SWW
- WW
- CW
- DW

Product Parameters

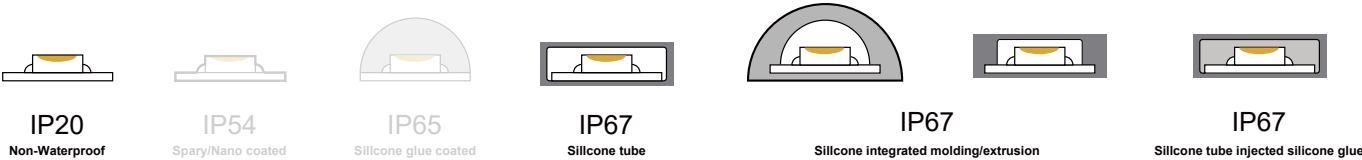
Model	JL-COB-8-320-8W-12V or 24V
LED Type	COB
LED Qty	320 LEDs/m
Voltage	DC 12/24V
Power	8W
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	100 Lm/w
Lumen per metre	800 Lm/pm
PCB Width/mm	8 mm
Cutting Length	12V 50 mm 24V 100 mm



Dimension Drawing (mm)



IP Rate



REEL TO REEL COB LED STRIP



23

JL-COB-8-480-8W-12V or 24V
Reel To Reel COB LED Strip
Without solder sections on PCB



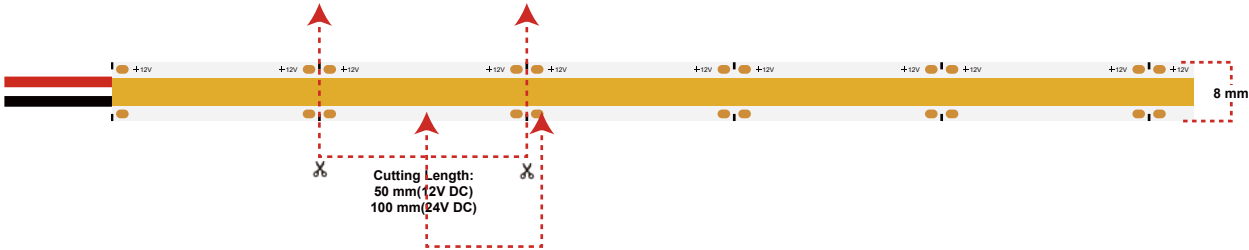
- SWW
- WW
- CW
- DW

Product Parameters

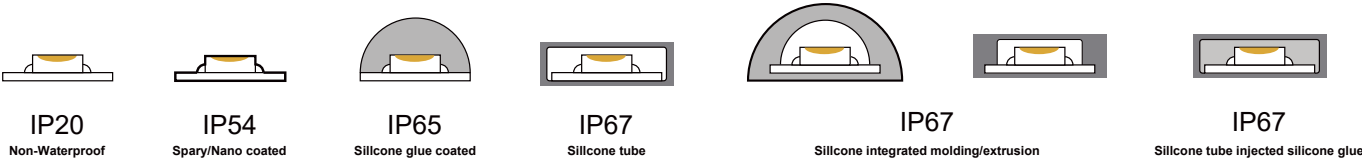
Model	JL-COB-8-480-8W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	10W
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	100 Lm/w
Lumen per metre	1000 Lm/pm
PCB Width/mm	8 mm
Cutting Length	12V 50 mm 24V 100 mm



Dimension Drawing (mm)

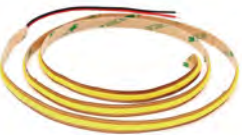


IP Rate

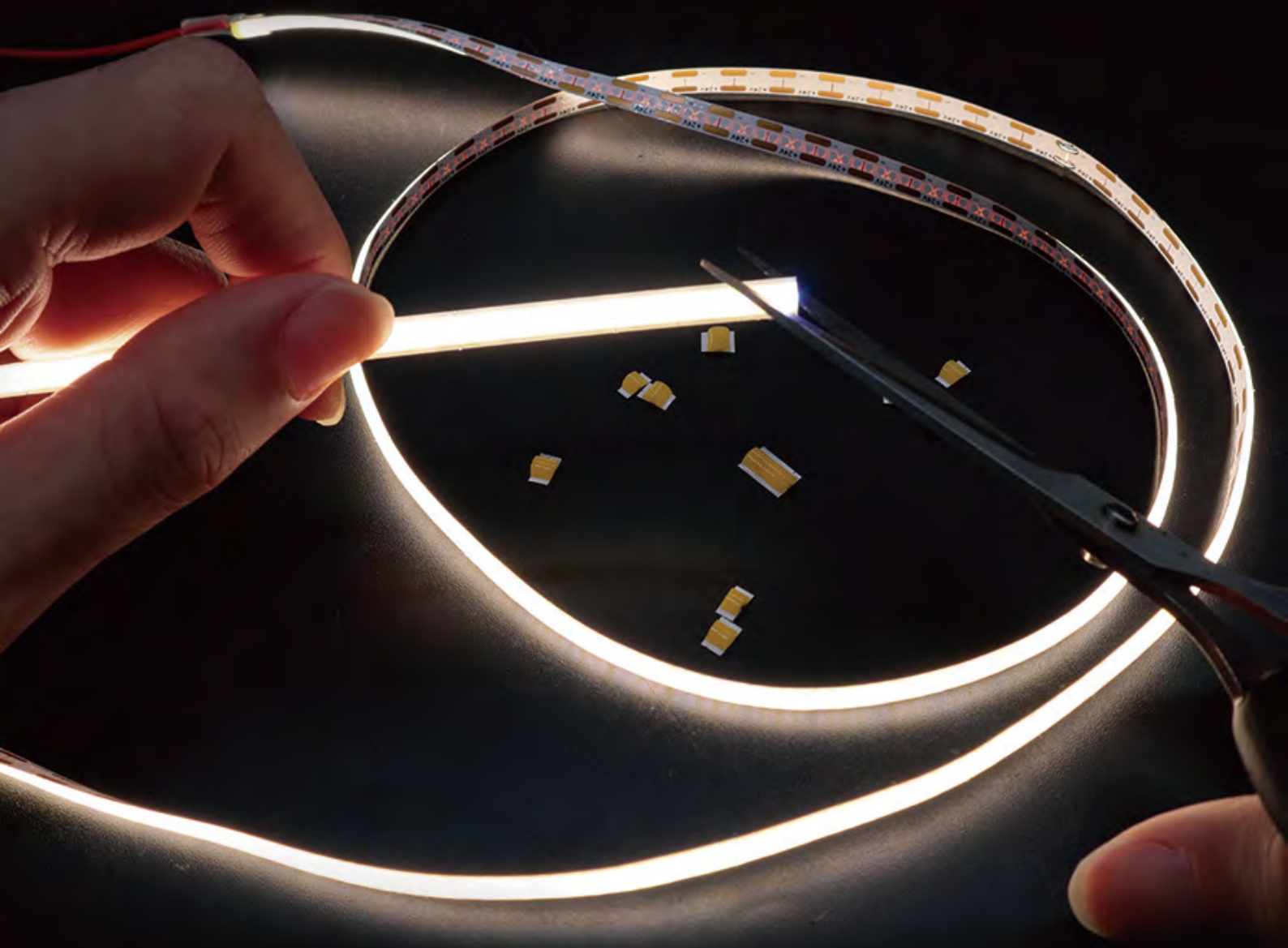


PRODUCT SERIES (FREE CUT COB LED STRIP)



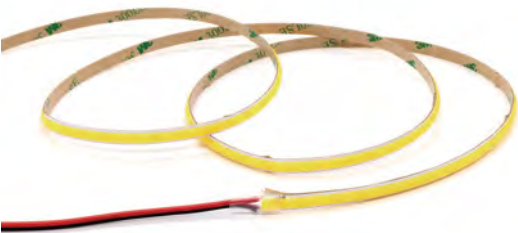
	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
24		COB	5 mm	480 LEDs/m	DC 12V/24V	6 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	85~95 Lm/w	Free Cut
		JL-COB-5-480-6W-12V or 24V-FC								
25		SMD 2025	8mm*2OZ	240 LEDs/m	DC 12V/24V	10 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	90~100 Lm/w	Free Cut
		JL-COB-8-240-10W-12V or 24V-FC								
26		COB	8 mm	400 LEDs/m	DC 12V/24V	8 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	85~95 Lm/w	Free Cut
		JL-COB-8-400-8W-12V or 24V-FC								
27		COB	10 mm	320 LEDs/m	DC 24V	15 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	100~110 Lm/w	Free Cut
		JL-COB-10-320-15W-24V-FC Stock item. Immediate delivery possible.								
28		COB	8 mm	528 LEDs/m	DC 12V/24V	10 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	85~95 Lm/w	Free Cut
		COB	8 mm	528 LEDs/m	DC 12V/24V	12 W/m	2800K~3200K 3950K~4500K 6000K~6500K	>90	85~95 Lm/w	Free Cut
		JL-COB-8-528-10W-12V or 24V-FC JL-COB-8-528-12W-12V or 24V-FC								

FREE CUT COB LED STRIP



24

JL-COB-5-480-6W-12 or 24V-FC
Super Slim Free Cut COB



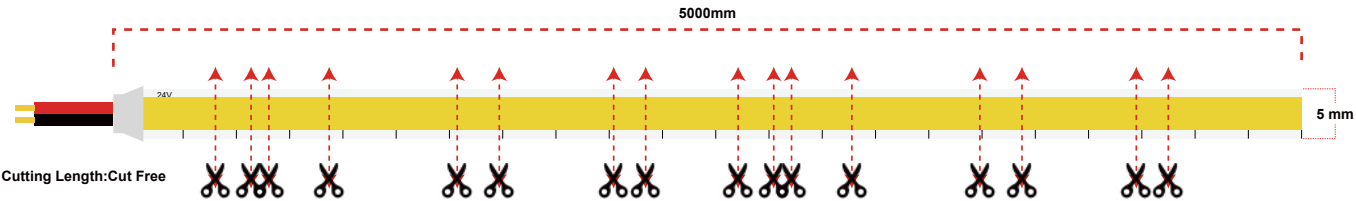
- SWW
- WW
- CW
- DW

Product Parameters

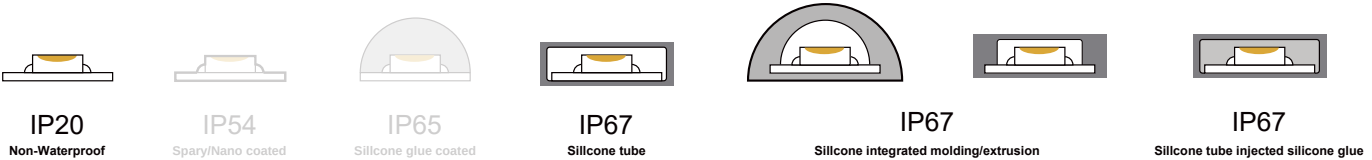
Model	JL-COB-5-480-6W-12V or 24V-FC
LED Type	COB
LED Qty	528 LEDs/m
Voltage	DC 12/24V
Power	6 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	85~95 Lm/w
Lumen per metre	510-570 Lm/pm
PCB Width/mm	5 mm
Cutting Length	Free Cut



Dimension Drawing (mm)



IP Rate



FREE CUT COB LED STRIP



25

JL-COB-8-240-10W-12V or 24V-FC
Free Cut COB



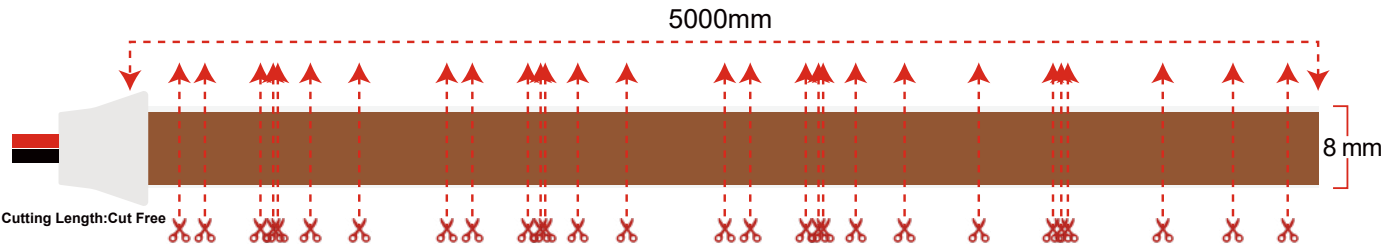
- SWW
- WW
- CW
- DW

Product Parameters

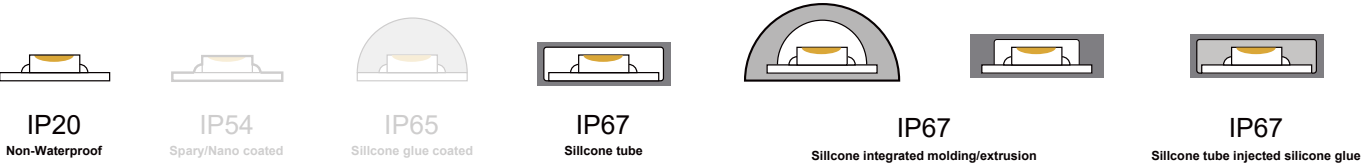
Model	JL-COB-8-240-10W-12V or 24V-FC
LED Type	SMD 2025
LED Qty	240 LEDs/m
Voltage	DC 12/24V
Power	10 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	90-100 Lm/w
Lumen per metre	900-1000 Lm/pm
PCB Width/mm	8 mm*2OZ
Cutting Length	Free Cut



Dimension Drawing (mm)



IP Rate

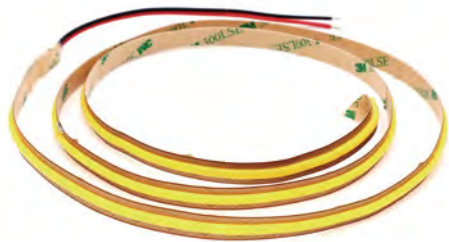


FREE CUT COB LED STRIP



26

JL-COB-8-400-8W-12V or 24V-FC
Free Cut COB



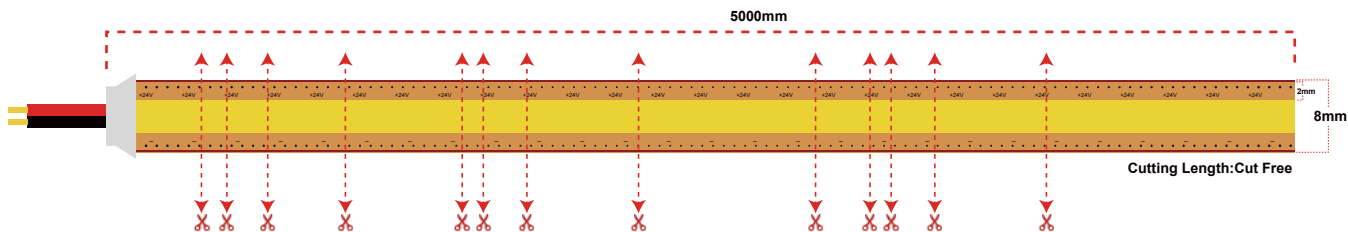
- SWW
- WW
- CW
- DW

Product Parameters

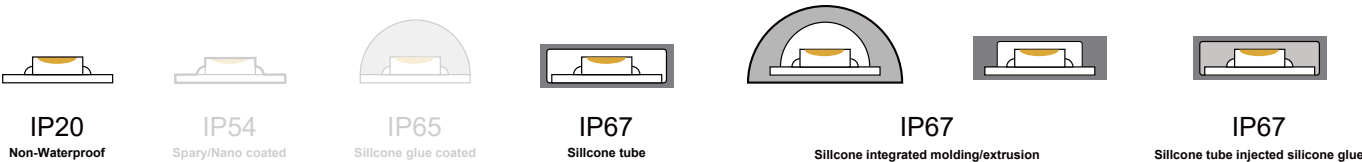
Model	JL-COB-8-400-8W-12V or 24V-FC
LED Type	COB
LED Qty	400 LEDs/m
Voltage	DC 12/24V
Power	8 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	85~95 Lm/w
Lumen per metre	680~760 Lm/w
PCB Width/mm	8 mm
Cutting Length	Free Cut



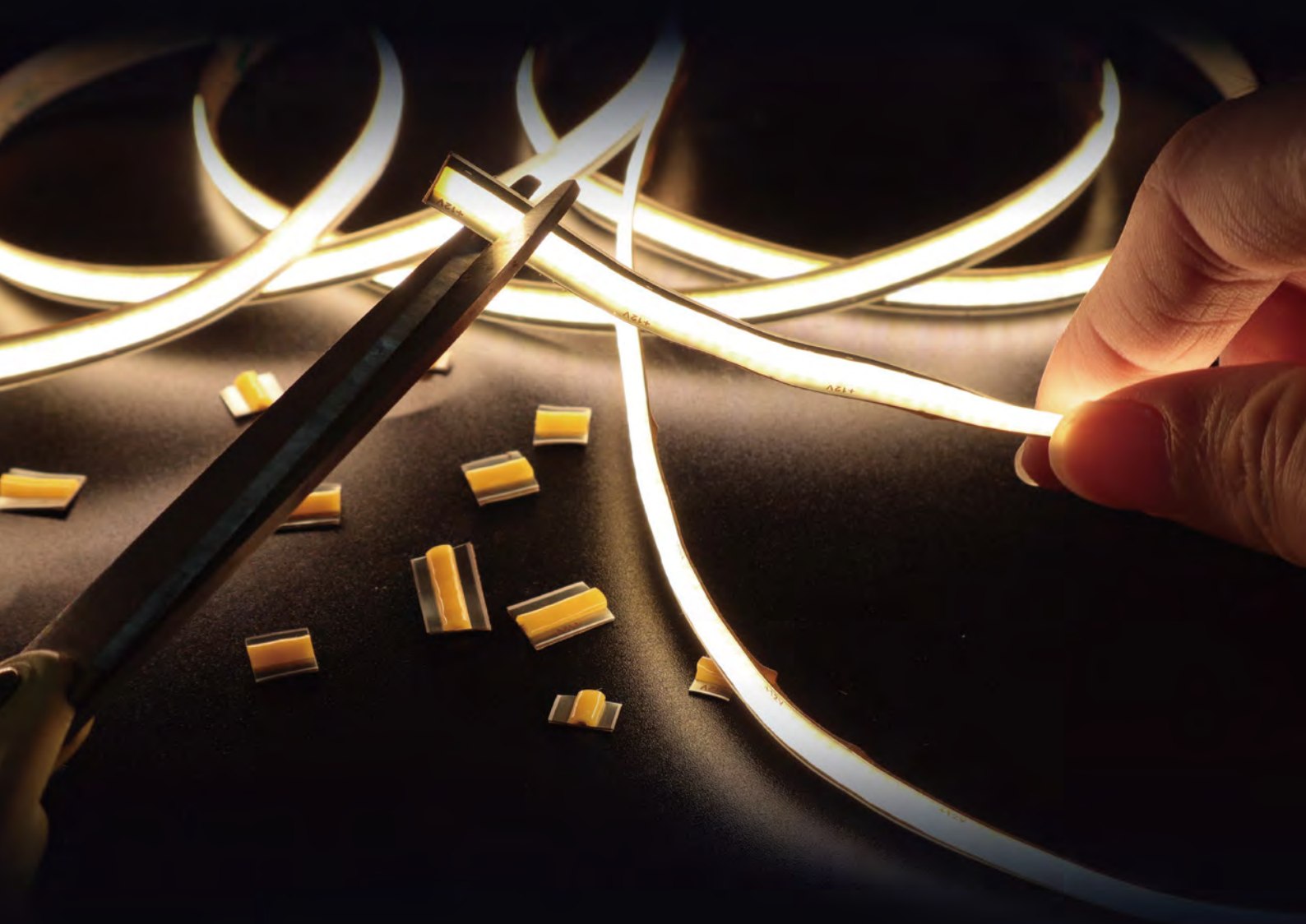
Dimension Drawing (mm)



IP Rate

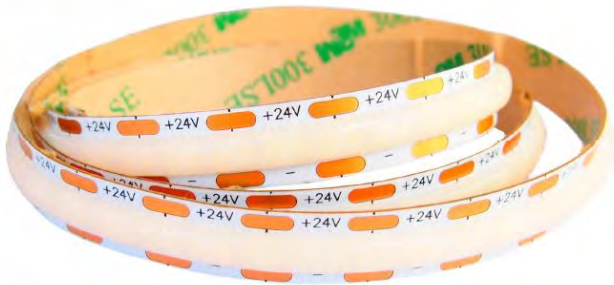


FREE CUT COB LED STRIP



27

JL-COB-10-320-15W-24V-FC
Free Cut COB



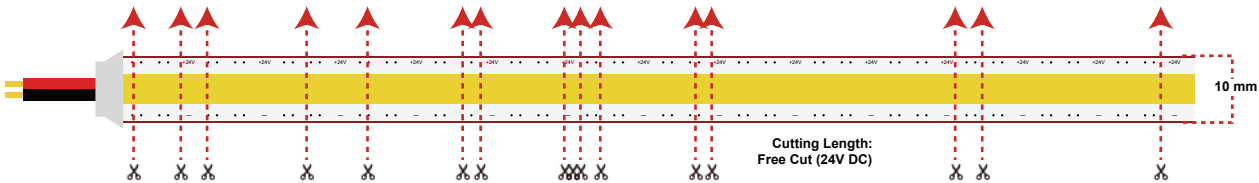
- SWW
- WW
- CW
- DW

Product Parameters

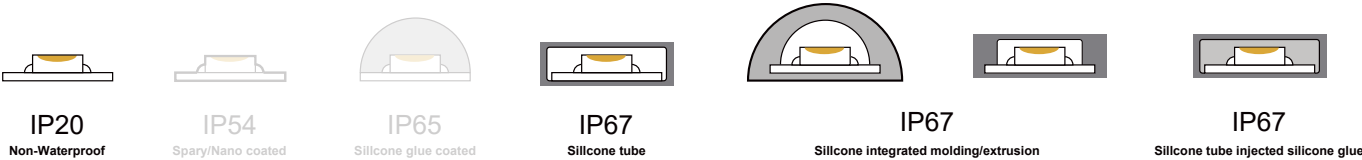
Model	JL-COB-10-320-15W-24V-FC
LED Type	COB
LED Qty	320 LEDs/m
Voltage	DC 24V
Power	15 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	100~110 Lm/w
Lumen per metre	1500~1650 Lm/w
PCB Width/mm	10 mm
Cutting Length	Free Cut
Cutting oint	12.5mm



Dimension Drawing (mm)



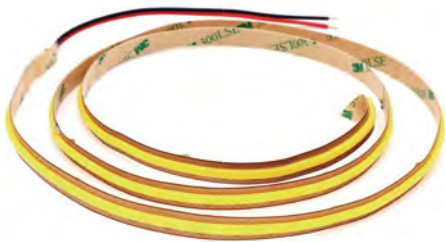
IP Rate



FREE CUT COB LED STRIP

28

JL-COB-8-528-10W-12V or 24V-FC
JL-COB-8-528-12W-12V or 24V-FC
Free Cut COB



SWW WW CW DW

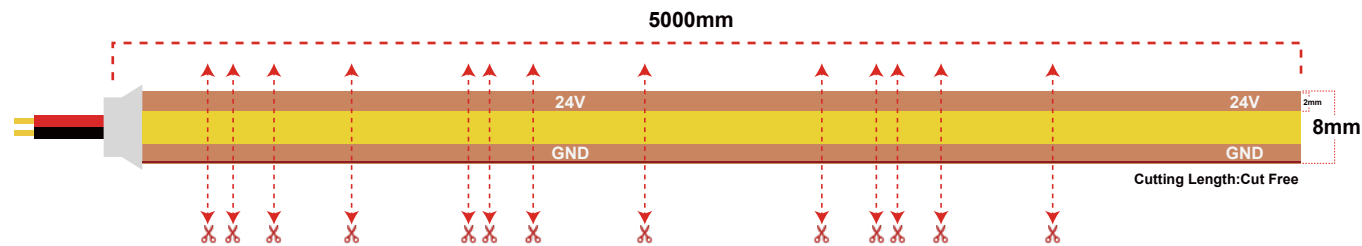
Product Parameters

Model	JL-COB-8-528-10W-12V or 24V-FC
LED Type	COB
LED Qty	528 LEDs/m
Voltage	DC 12/24V
Power	10 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	85~95 Lm/w
Lumen per metre	850~950 Lm/w
PCB Width/mm	8 mm
Cutting Length	Free Cut

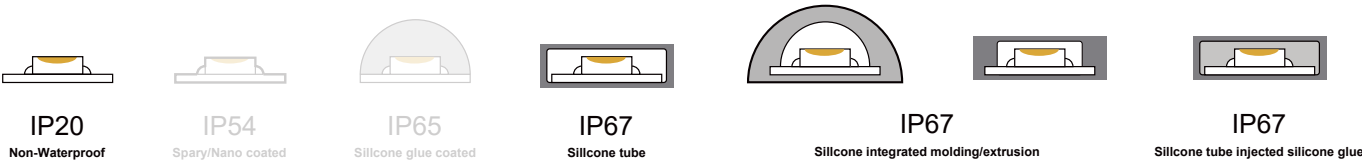
Model	JL-COB-8-528-12W-12V or 24V-FC
LED Type	COB
LED Qty	528 LEDs/m
Voltage	DC 12/24V
Power	12 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	85~95 Lm/w
Lumen per metre	1020~1140 Lm/w
PCB Width/mm	8 mm
Cutting Length	Free Cut



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES (TUNABLE COB LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
29	 JL-COB-5-600-14W-12V or 24V-CCT	COB	5 mm	600 LEDs/m	DC 12V DC 24V	14W (7+7 W/m)	2700+6300K	>90	90 Lm/w	10 mm 20 mm
30	 JL-COB-5-608-12W-12V or 24V-CCT	COB	5 mm	608 LEDs/m	DC 12V DC 24V	12W (6+6 W/m)	2700+6300K	>90	90 Lm/w	26.3 mm
31	 JL-COB-8-512-18W-24V-CCT	COB	8 mm	512 LEDs/m	DC 24V	18W (9+9 W/m)	2700+6300K	>90	100 Lm/w	31.25 mm
32	 JL-COB-10-608-14W-12V or 24V-CCT	COB	10 mm	608 LEDs/m	DC 12V DC 24V	14W (7+7 W/m)	2700+6300K	>90	90 Lm/w	13.16 mm 26.31 mm

TUNABLE COB LED STRIP SERIES



29

JL-COB-5-600-14W-12 or 24V-CCT
Tunable COB

CCT

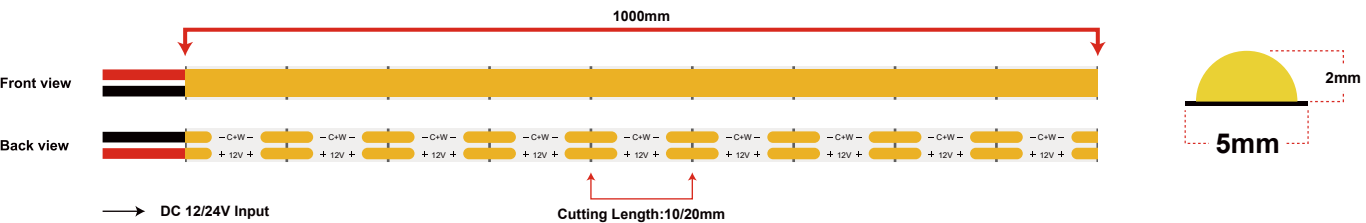


Product Parameters

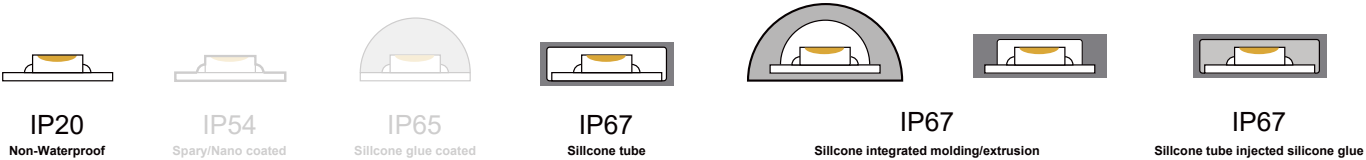
Model	JL-COB-5-600-14W-12V or 24V-CCT
LED Type	COB
LED Qty	600 LEDs/m
Voltage	DC 24V
Power	14W (7+7 W/m)
CCT/Colour	2700K~6300K
CRI	>90
Lumen per watt	90 Lm/w
Lumen per metre	1260 Lm/w
PCB Width/mm	5 mm
Cutting Length	12V 10 mm 24V 20 mm



Dimension Drawing (mm)



IP Rate



TUNABLE COB LED STRIP SERIES



30

JL-COB-5-608-12W-12V or 24V-CCT
Tunable COB

CCT

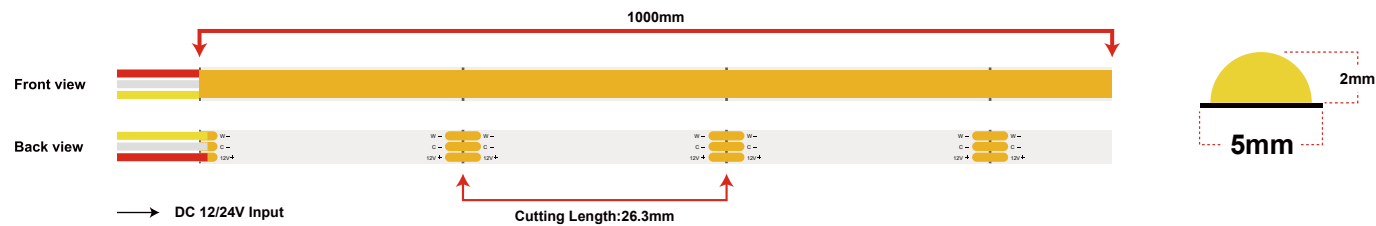


Product Parameters

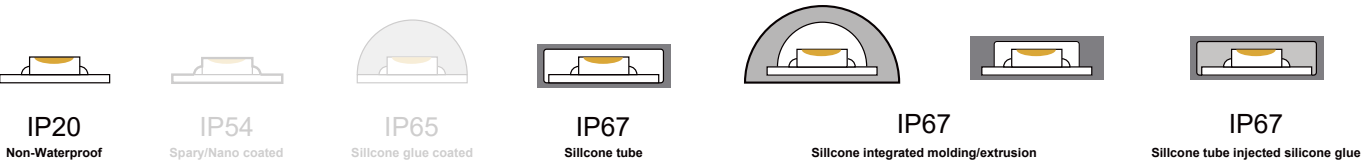
Model	JL-COB-5-608-12W-12V or 24V-CCT
LED Type	COB
LED Qty	608 LEDs/m
Voltage	DC 24V
Power	12W (6+6 W/m)
CCT/Colour	2700K~6300K
CRI	>90
Lumen per watt	90 Lm/w
Lumen per metre	10 0 Lm/w
PCB Width/mm	5 mm
Cutting Length	26.3 mm



Dimension Drawing (mm)



IP Rate



TUNABLE COB LED STRIP SERIES



31

JL-COB-8-512-18W-24-CCT
Tunable COB

CCT

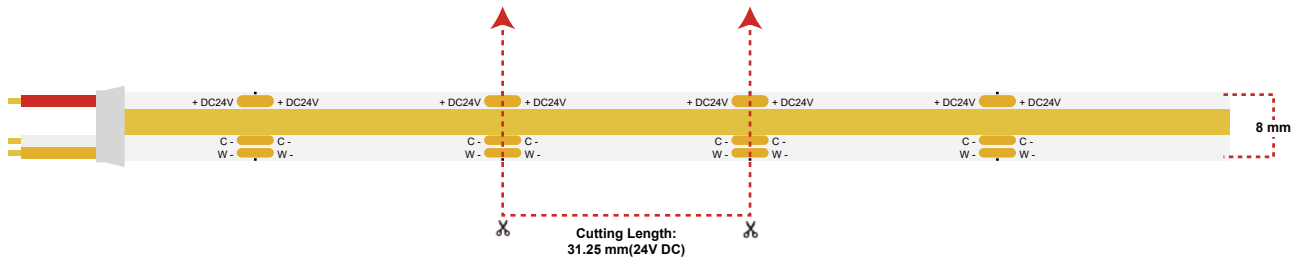


Product Parameters

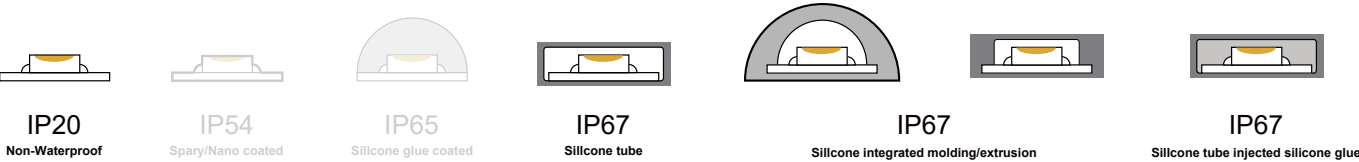
Model	JL-COB-8-512-18W-24V-CCT
LED Type	COB
LED Qty	512 LEDs/m
Voltage	DC 24V
Power	18W (9+9 W/m)
CCT/Colour	2700K~6300K
CRI	>90
Lumen per watt	100 Lm/w
Lumen per metre	1 00 Lm/w
PCB Width/mm	8 mm
Cutting Length	31.25 mm



Dimension Drawing (mm)



IP Rate



TUNABLE COB LED STRIP SERIES



32

JL-COB-8-608-14W-12V or 24V-CCT
JL-COB-10-608-14W-12V or 24V-CCT
Tunable COB

CCT

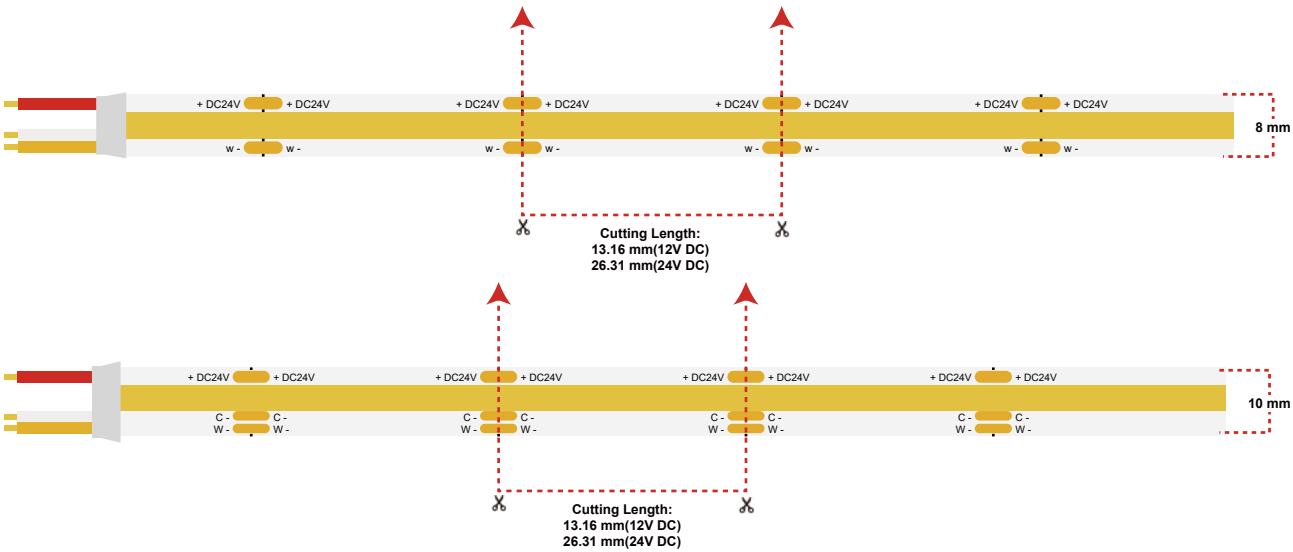


Product Parameters

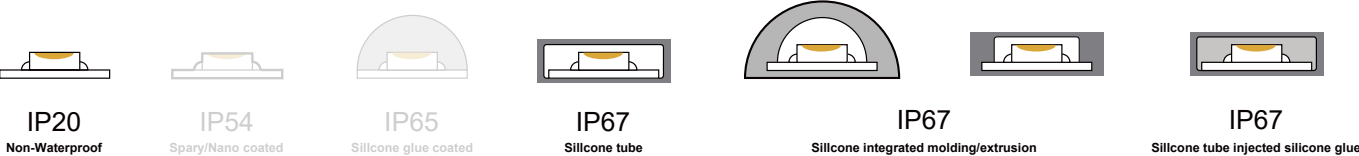
Model	JL-COB-10-608-14W-12V or 24V-CCT
LED Type	COB
LED Qty	608 LEDs/m
Voltage	DC 12/24V
Power	14W (7+7) W/m
CCT/Colour	2700K~6500K
CRI	>90
Lumen per watt	90 Lm/w
Lumen per metre	1260 Lm/w
PCB Width/mm	8mm or 10mm
Cutting Length	12V 13.16mm 24V 26.31mm



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES (SIDE VIEW COB LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
33		COB	8 mm	480 LEDs/m	DC 12V	10 W/m	6000K~6500K 3950K~4500K 2800K~3200K	>90	75 Lm/w	16.65 mm
					DC 24V	10 W/m			85 Lm/w	33.33 mm
	JL-IP67-COB-SV-8-480-10W-12V or 24V (Side View)									
34		COB	8 mm	630 LEDs/m	DC 12V	9.6 W/m	RGB	/	30 Lm/w	14.29 mm
					DC 24V					33.33 mm
	JL-IP67-COB-SV-8-630-9.6W-24V-RGB (Side View)									

SIDE VIEW COB LED STRIP SERIES



33

JL-IP67-COB-SV-8-480-10W-12V or 24V
Side View COB

SWW WW NW W

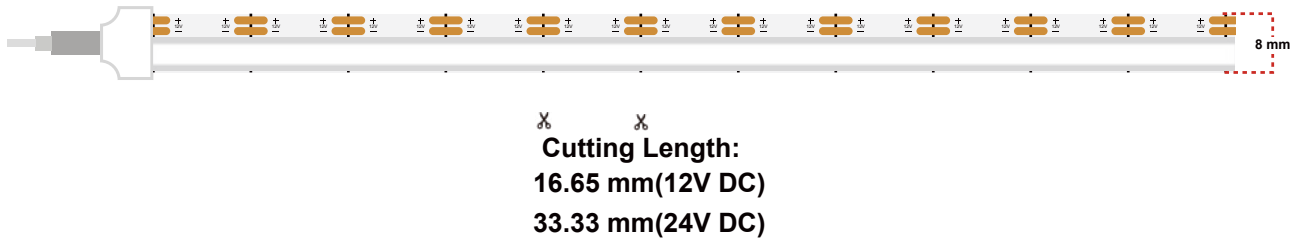


Product Parameters

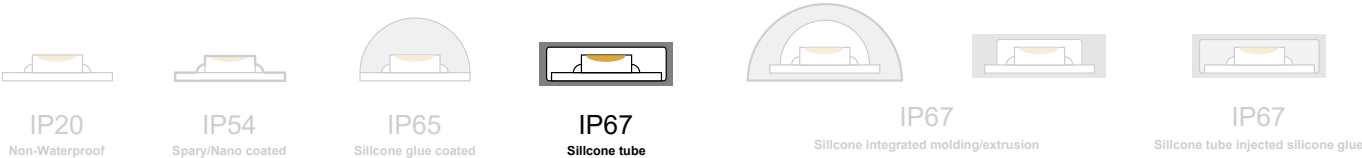
Model	JL-IP67-COB-SV-8-480-10W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	10 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	75lm, 85lm, or 90 Lm/w
Lumen per watt	750lm, 850lm, or 900 Lm/w
PCB Width/mm	8 mm
Cutting Length	12V 16.65mm 24V 33.33 mm



Dimension Drawing (mm)



IP Rate



SIDE VIEW COB LED STRIP SERIES

34

JL-IP67-COB-SV-8-630-9.6W-12V or 24V-RGB
Side View COB

RGB

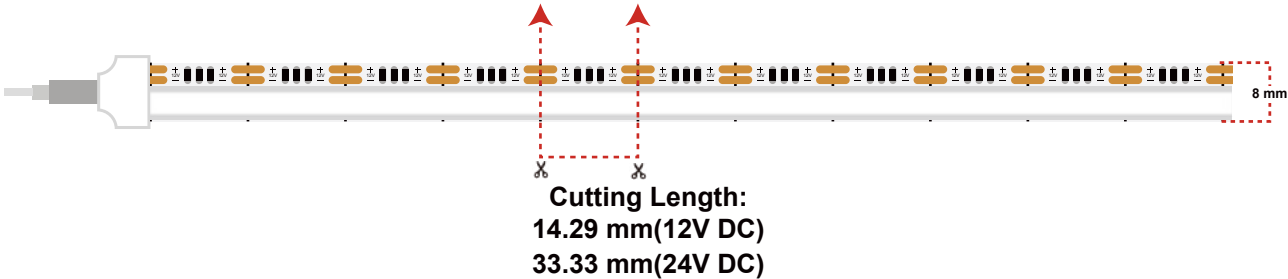


Product Parameters

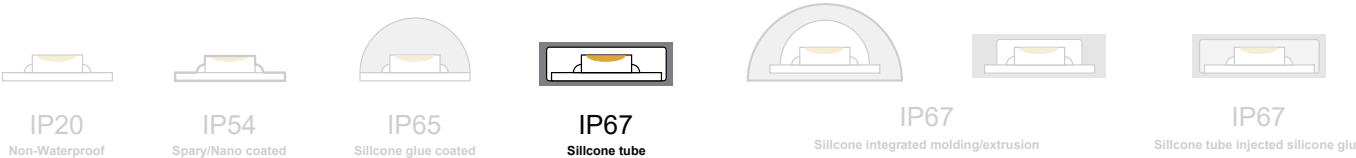
Model	JL-IP67-COB-SV-8-630-9.6W-12V or 24V-RGB
LED Type	COB
LED Qty	630 LEDs/m
Voltage	DC 12/24V
Power	9.6 W/m
CCT/Colour	RGB
CRI	/
Lm/w	30 Lm/w
PCB Width/mm	8 mm
Cutting Length	12V 14.29 mm 24V 33.33 mm



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES (HIGH EFFICIENCY WHCOB (FCOB) LED STRIP)



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
35		WHCOB 2018 (SMD)	8 mm	320 LEDs/m	DC 12V	8 W/m	2700K	>90	120~140 Lm/w	25 mm
					DC 24V	10 W/m	3000K 4000K 6000K			50 mm
	JL-WHCOB-8-320-8W-12V JL-WHCOB-8-320-10W-24V WHCOB (also referred to as FCOB, SCOB, WCOB)									
36		WHCOB 2018 (SMD)	10 mm	320 LEDs/m	DC 12V	10 W/m	2700K	>90	120~140 Lm/w	25 mm
					DC 24V	14 W/m	3000K 4000K 6000K			50 mm
	JL-WHCOB-10-320-10W-12V JL-WHCOB-10-320-14W-24V WHCOB (also referred to as FCOB, SCOB, WCOB)									

HIGH EFFICIENCY WHITE COB SERIES LED STRIP



35

JL-WHCOB-8-320-8W-12V or 24V
JL-WHCOB-8-320-10W-12V or 24V



High Efficiency COB
WHCOB, also known as FCOB, WCOB, SCOB

SWW WW NW W

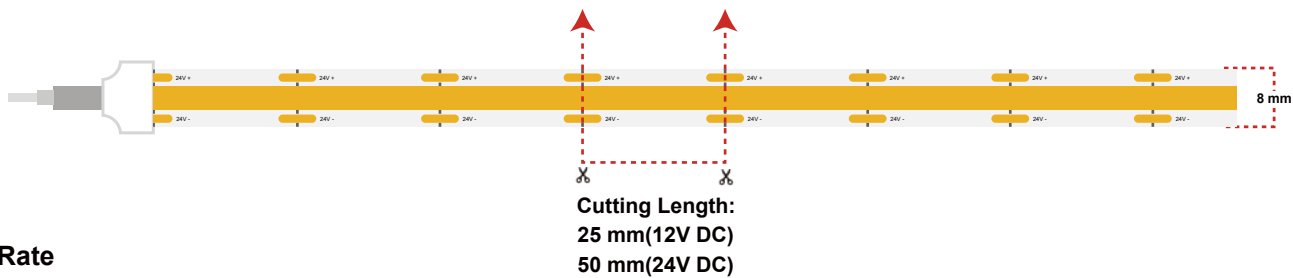
Product Parameters

Model JL-WHCOB-8-320-8W-12V or 24V
JL-WHCOB-8-320-10W-12V or 24V

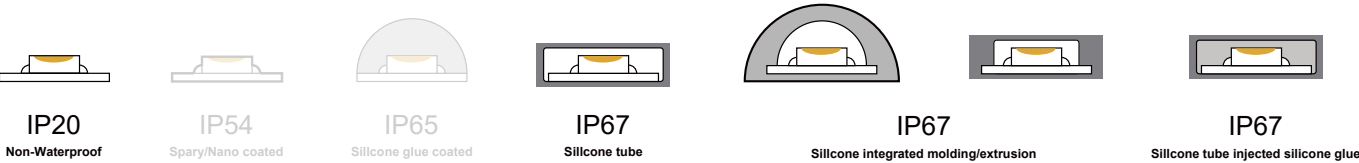
LED Type	FCOB SMD 2018
LED Qty	320 LEDs/m
Voltage	DC 12/24V
Power	8W and 10W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	120~140 Lm/w
Lumen per metre 8W	960~1120 Lm/w
Lumen per metre 10W	1200~1400 Lm/w
PCB Width/mm	8 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



HIGH EFFICIENCY WHITE COB SERIES LED STRIP



36

JL-WHCOB-10-320-10W-12V or 24V
JL-WHCOB-10-320-14W-12V or 24V



High Efficiency COB
WHCOB, also known as FCOB, WCOB, SCOB

SWW WW NW W

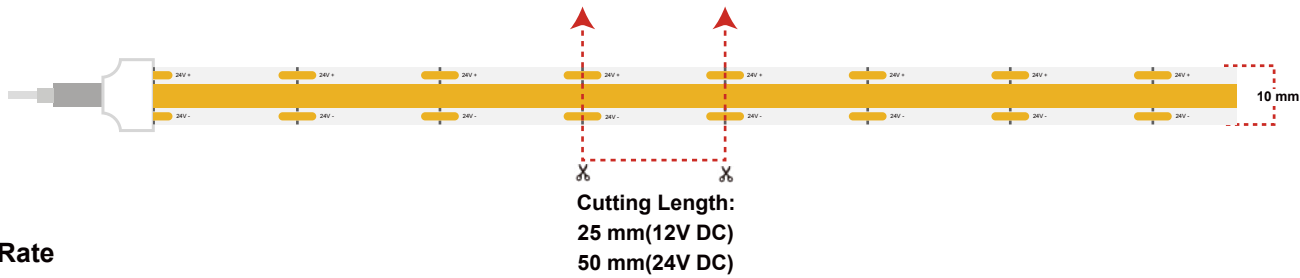
Product Parameters

Model JL-WHCOB-10-320-10W-12V or 24V
JL-WHCOB-10-320-14W-12V or 24V

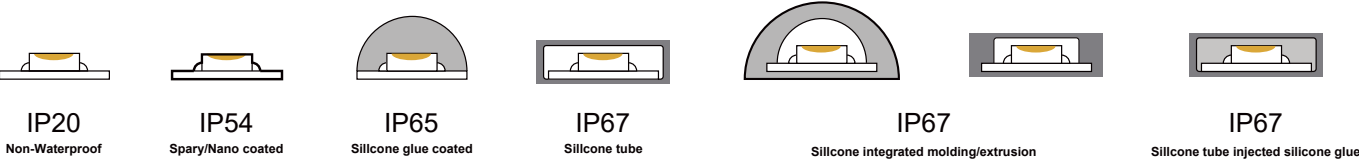
LED Type	FCOB SMD 2018
LED Qty	320 LEDs/m
Voltage	DC 12/24V
Power	10W and 14W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	120~140 Lm/w
Lumen per metre 10W	1200~1400 Lm/w
Lumen per metre 14W	1600~1960 Lm/w
PCB Width/mm	10 mm
Cutting Length	12V 25 mm 24V 50 mm



Dimension Drawing (mm)



IP Rate



PRODUCT SERIES (HIGH EFFICIENCY FCOB LED STRIP)

IP67 All dedicated Waterproof series



	Model	LED Type	PCB width mm	LED Qty per metre	Voltage	Power	CCT Colour	CRI	Lm	Cutting Length
37	 JL-IP67-HECOB-8-480-10W-12V or 24V	IP67 COB	8 mm	480 LEDs/m	DC 12V DC 24V	10 W/m	2700K 3000K 4000K 6000K	>90	110 Lm/w	25 mm 50 mm
38	 JL-IP67-HECOB-10-320-10W-12V JL-IP67-HECOB-10-320-14W-24V	IP67 COB	10 mm	320 LEDs/m	DC 12V DC 24V	10 W/m 14 W/m	2700K 3000K 4000K 6000K	>90	120~140 Lm/w	25 mm 50 mm
39	 JL-IP67-HECOB-8-480-9W-12V or 24V	IP67 COB	10 mm	480 LEDs/m	DC 12V DC 24V	9 W/m	2700K 3000K 4000K 6000K	>90	90 Lm/w	25 mm 50 mm
40	 JL-IP67-HECOB-8-480-10W-12V or 24V	IP67 COB	8 mm	480 LEDs/m	DC 12V DC 24V	10 W/m	2700K 3000K 4000K 6000K	>90	120 Lm/w	25 mm 50 mm
41	 ART-COB06SE-480-W-12/24	IP67 COB	6 mm	480 LEDs/m	DC 12V DC 24V	7 W/m	2700K 3000K 4000K 6000K	>90	50 Lm/w	25 mm 50 mm
42	 ART-COB08SE-480-W-12/24	IP67 COB	10 mm	480 LEDs/m	DC 12V DC 24V	7 W/m	2700K 3000K 4000K 6000K	>90	50 Lm/w	25 mm 50 mm

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)



37

JL-IP67-HECOB-8-480-10W-12V or 24V



IP67 Waterproof COB
High Efficiency

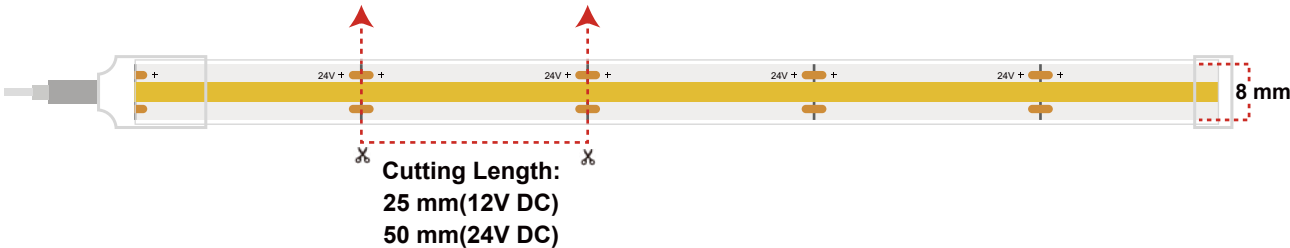
SWW WW NW W

Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-8-480-10W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	10 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	110 Lm/w
Lumen per metre	1100 Lm/w
PCB Width/mm	8 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone tube
ollo e tru ion

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)



38

JL-IP67-HECOB-10-320-10W-12V
JL-IP67-HECOB-10-320-14W-24V



IP67 Waterproof COB
High Efficiency

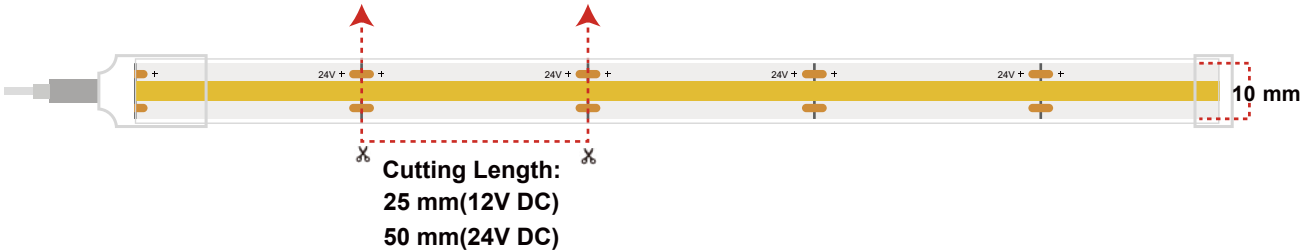
SWW WW NW W

Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-10-320-10W-12V JL-IP67-HECOB-10-320-14W-24V
LED Type	COB
LED Qty	320 LEDs/m
Voltage	DC 12/24V
Power	10W and 14W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	120~140 Lm/w
Lumen per metre 10W	1200~1400 Lm/w
Lumen per metre 14W	1600~1960 Lm/w
PCB Width/mm	10 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone tube
ollo e tru ion

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)



39

JL-IP67-HECOB-10-480-9W-12V or 24

IP67 Waterproof COB
High Efficiency

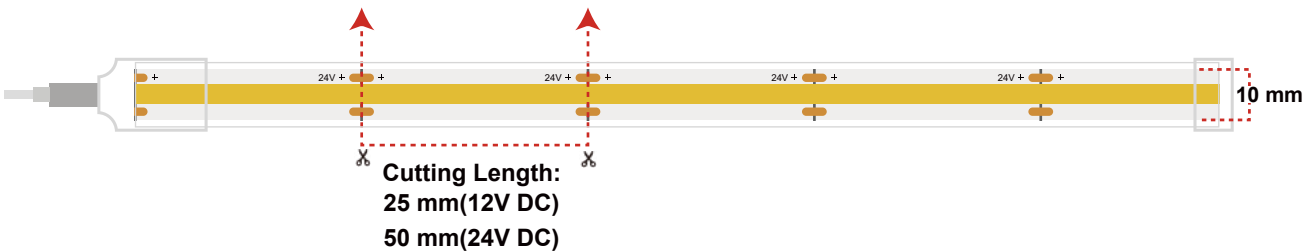
SWW WW NW W

Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-10-480-9W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	9 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	90 Lm/w
Lumen per metre	10 Lm/w
PCB Width/mm	10 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone tube
ollo e tru ion

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)

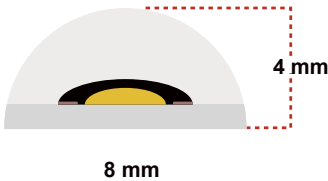


40

JL-IP67-HECOB-8-480-10W-12V or 24

IP67 Waterproof COB
High Efficiency

SWW WW NW W

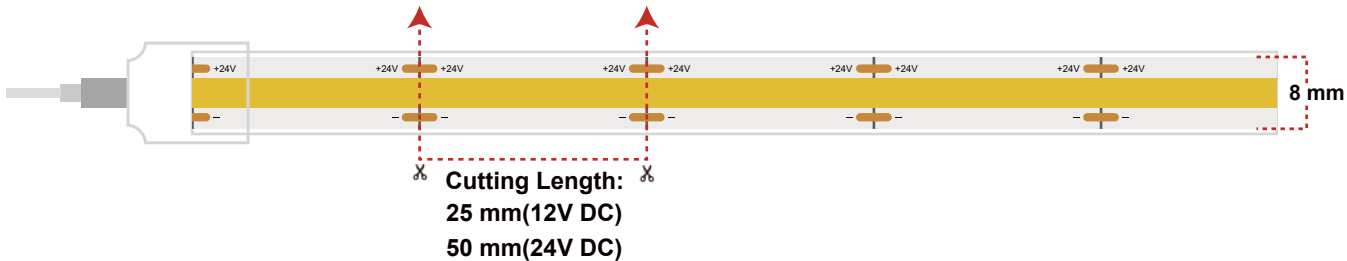


Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-8-480-10W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	10 W/m
CCT/Colour	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	120 Lm/w
Lumen per metre	1200 Lm/w
PCB Width/mm	8 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone integrated molding/extrusion

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)

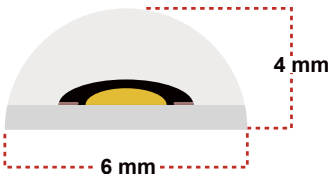


41

JL-IP67-HECOB-6-480-7W-12V or 24

IP67 Waterproof COB
High Efficiency

SWW WW NW W

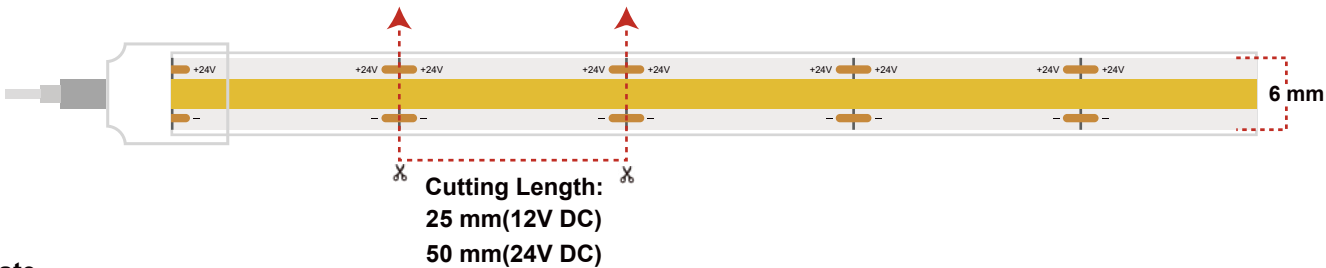


Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-6-480-7W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	7 W/m
CCT/Color	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	50 Lm/w
Lumen per metre	350 Lm/w
PCB Width/mm	6 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone integrated molding/extrusion

IP67 SILICONE TUBE COB LED STRIP SERIES (High Efficiency)



42

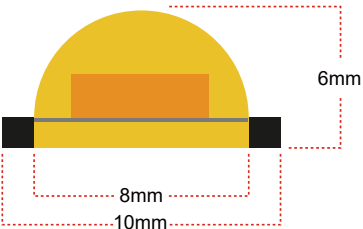
JL-IP67-HECOB-10-480-7W-12V or 24

IP67 Waterproof COB
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High Efficiency

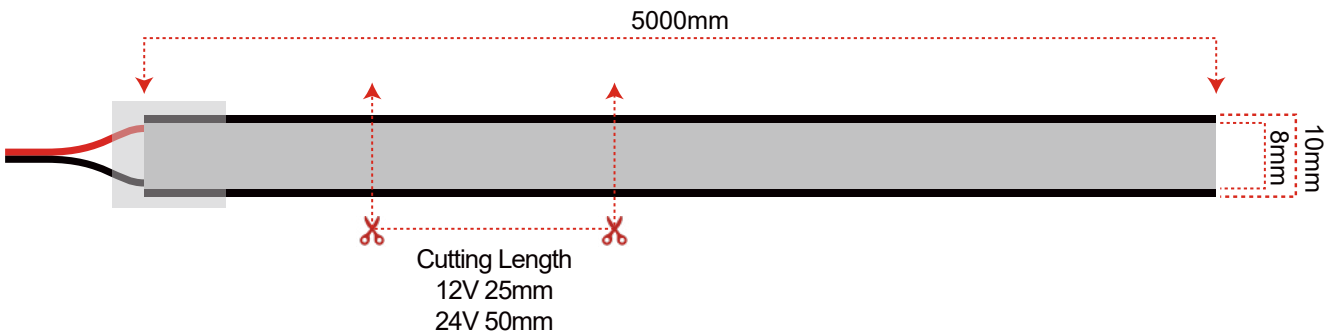
SWW WW NW W

Product Parameters

Waterproof level	IP67
Model	JL-IP67-HECOB-6-480-7W-12V or 24V
LED Type	COB
LED Qty	480 LEDs/m
Voltage	DC 12/24V
Power	7 W/m
CCT/Color	2700K, 3000K, 4000K, 6000K
CRI	>90
Lumen per watt	50 Lm/w
Lumen per metre	350 Lm/w
PCB Width/mm	10 mm
Cutting Length	12V 25mm 24V 50mm



Dimension Drawing (mm)



IP Rate



I 67
Sillcone integrated molding/extrusion