

COBFLEX RGB SEAMLESS LED STRIP



Producing up to 900 lumens per meter, the RGB COB LED strip creates an even light output with no hotspots perfect for applications that require bright and dynamic illumination. The LED tape is best installed in aluminum channel.

Features

- Even light output, no hotspots
- Perfect for installation in aluminum channel
- Super bright COB LEDs with excellent color output
- 24V DC input, max run single end power 13.1' (4M)
- 4-wire system, requires RGB control or DMX decoder
- 900 lumens per meter
- Cuttable every 2" (50 mm)
- 24" (60cm) wire lead on both ends
- Dimmable with controls

Applications

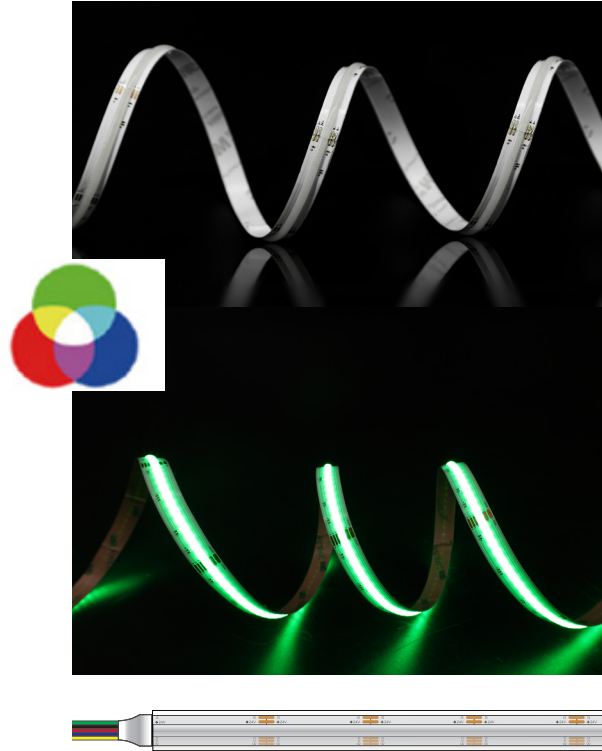
Cabinet | Accent | Display | Cove | Under Cabinet

Installation

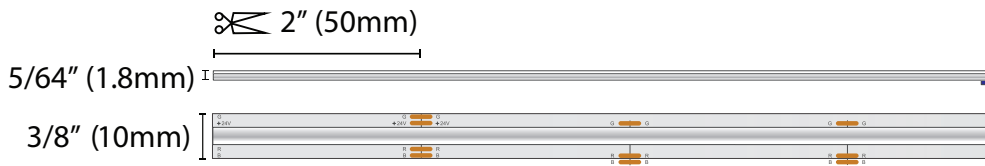
Double-sided 3M tape on the back

Specifications

Voltage	24V DC
Wattage	4.4W/ft (14.4W/M)
Color Temp	RGB Color Changing
# of LEDs	274 LEDs/ft (900LEDs/M)
Roll Length	13.1' (4M)
Cut Distance	2" (50mm)
Lifespan	+65,000 hours
Working Temp	-25~+60°C (-13~140°F)
IP Rating	20
Lumen Output	245/ft (800/M)
Beam Degree	120°
Dimmable	Yes
Wire Length	24" (60cm) wire lead on both ends
Warranty	5-year



Dimensions



Ordering Codes

Product	Chip & Length	Voltage	LEDs/M	Color Temp
LS - FLI	9A	24	900	RGB
FLI : Indoor	9 : COB A : 4M (13.1')	24 : 24 volt	900 : 900 LEDs	RGB : Multi-color

Solderless Connectors

Solderless connectors are designed to provide a simple and quick connection for projects. Suitable for indoor and outdoor applications.

Image	Code	Product	Description
	LS-SC1-RGB-COB	Seamless Connector	4 wire. Width: 5/8" (16mm). Application: Add length.
	LS-SC2-RGB-COB	Connector on one End	4 wire. Width: 5/8" (16mm). Applications: Cut strip to power.
	LS-SC3-RGB-COB	Connector on both Ends	4 wire. Width: 5/8" (16mm). Applications: Corners.

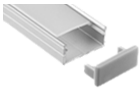
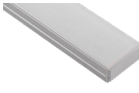

Note: If using solderless connectors on outdoor flexible strip the connection points must be properly sealed to prevent moisture entry. Heat shrink tubes and/or silicone is recommended. If not sealed properly, premature failure is possible.

Aluminum Channels






Each aluminum profile can be combined with it's respective LED flexible strip to create a customized look for various applications.

Image	Code	Product	Description	Specs
	LS-LL8-L1	1M LL8 Channel	Corner Mount. 1M (40") or 2M (80") lengths.	W5/8" (W16mm).
	LS-LL8-L2	2M LL8 Channel		
	LS-LL9-L1	1M LL9 Channel	Square Modern. 1M (40") or 2M (80") lengths.	W5/8 x H1/2" (W16 x H12mm).
	LS-LL9-L2	2M LL9 Channel		
	LS-LL10-L1	1M LL10 Channel	Slim Recessed. 1M (40") or 2M (80") lengths.	W19/32 x H15/64" (W15 x H6mm).
	LS-LL10-L2	2M LL10 Channel		
	LS-LL11-L1	1M LL11 Channel	Low Profile. 1M (40") or 2M (80") lengths.	W1 ^{3/16} x H9/32" (W30 x H7mm).
	LS-LL11-L2	2M LL11 Channel		



More Aluminum Channels

Image	Code	Product	Description	Specs
	LS-LL12-L1	1M LL12 Channel	Slim Modern. 1M (40") or 2M (80") lengths.	W23/32 x H5/16" (W18 x H8mm).
	LS-LL12-L2	2M LL12 Channel		
	LS-LL13-L1	1M LL13 Channel	Wide Slim. 1M (40") or 2M (80") lengths.	W29/32 x H3/8" (W23 x H10mm).
	LS-LL13-L2	2M LL13 Channel		
	LS-LL23-DW-L3	3M LL23 Drywall Channel	Mud In. 3M (9.8') length.	W1 ^{9/64} x H35/64" (W29 x H14mm).






Power Supplies

Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-60W-O-CV	24V	Max. 60W	✓	N/A
	LS-24V-96W-O-CV	24V	Max. 96W	✓	N/A
	LS-24V-150W-O-CV	24V	Max. 150W	x	N/A
	LS-24V-240W-O-CV	24V	Max. 240W	x	N/A
	LS-24V-320W-O-CV	24V	Max. 320W	x	N/A

RGB Controllers

Image	Product	Code	Description	Functions	Dimensions
	RGB Handheld Remote	LS-RGB-MZR	Controls RGB LED Lights, 868 MHz	Mult-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors	L4 ^{3/4} x W2 ^{3/16} x H1 ^{1/16} " (L120 x W55 x H17mm)
	RGB Wall Mount Remote	LS-RGB-MZWMR	Controls RGB or RGBW LED Lights, 12-24V DC Input, 2.5-5W, 868 MHz Fits single gang box. Includes 6W driver, 50ft wireless range.	3 Presets, Dimming, Fade/Flash, Custom colors, includes 10 pre-loaded programs	L4 ^{3/4} x W2 ^{15/16} x H1 ^{1/8} " (L120 x W75 x H29mm)

RGB & RGBW Receivers

Image	Product	Code	Description	Functions	Dimensions
	Tuya Control	LS-RCV-SMZ8A-TY	Receiver for RF remotes (RGB / RGBW / CCT / SC) Wifi Capable with free control app	12-24V / 36V / 48V 5 x 8A/Ch / 5 x 6A/Ch / 5 x 4A/Ch 5x96W / 5x192W / 5x216W 15M (50') Remote Range	L6-11/16 x W2-5/16 x 1-1/8" (L170 x W59 x H29mm)
	Indoor MZ LED Receiver	LS-RCV-MZ8A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable.	12-36V DC 4 x 8A/Channel 4x(96-388W) Output Power 15M (50') Remote Range	L6 ^{5/8} x W2 ^{5/16} x H1 ^{1/8} " (L168 xW58 x H28mm)
	Outdoor MZ LED Receiver	LS-RCV-O-MZ5A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable. Outdoor rated for harsh environments	12-36V DC 4 x 5A/Channel 4x(60-180W) Output Power 15M (50') Remote Range	L7 ^{1/8} x W21 ^{5/16} x H1 ^{1/2} " (L180.5 xW74x H38mm)
	Casambi 4 Channel PWM Controller	LS-CBU-PWM4	Control up to 250 fixtures with intelligent mesh network and customizable user interface. Multiple networks can be set up with same control system	12-24V DC 48W - 96W 4A Output Power Surface Mountable Includes Downloadable Smart Device App	L2-7/8 x W1-3/16 x H11/16" (L72.6 x W30 x H18mm)
	Digital DMX512 Decoder	LS-DMX-DIG-DCR	Converts DMX signal for use with low voltage RGB & RGBW LED lights.	Total 5 PWM output channels, common anode. DMX channel quantity from 1CH~5CH settable.	L6 ^{7/16} x W2 ^{7/8} x H1 ^{1/2} " (L164 xW73 x H38mm)