

Date:

Project:

Notes:

RGB COB SEAMLESS FLEXIBLE LED STRIP LIGHT

Producing up to 580 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
- 24V DC input, max run single end power 4M (13')
- Excellent color output, CRI >90
- 580 lumens per meter
- 24" (60cm) wire lead on both ends
- Cuttable every 50 mm (1¹⁵/₁₆")
- 4-wire system, requires RGB remote

Applications

Cabinet | Accent | Display | Cove

Installation

Double-sided 3M tape on the back



Voltage	24V DC
Wattage	14.4W/M (4.4W/FT)
Roll Length	4M (13.1')
Cut Distance	50mm (1 ¹⁵ / ₁₆ ")
# of LEDs	840LEDs/M (256 LEDs/FT)
Color Temp	RGBW-2700K
CRI	>90
Lumens	580/M (176/FT)
Beam Degree	120°
Dimmable	Yes
Lifespan	+65,000 hours
Warranty	5-year

Dimensions



Ordering Codes



	Product		Chip & Length		Voltage		LEDs/M		Color Temp
LS -	FLI	-	9A	-	24	-	840	-	RGB
	FLI : Indoor		9 : COB A : 4M (13.1')		24 : 24 volt		840 : 840 LEDs		RGB : Multi-color

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-LL9D-L1	1M LL9D Channel	Light Degree Adjustable. 1M (40") length. Includes 10° standard lens.	W5/8 x H1/2" (W16 x H12mm). 45°/60°/90° light output available with extra part (LS-LL9D-B-L1).
	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		
	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-12V-60W-O-CV	12V	Max. 60W	✓	N/A
	LS-24V-60W-O-CV	24V			
	LS-12V-96W-O-CV	12V	Max. 96W	x	N/A
	LS-24V-96W-O-CV	24V		✓	

RGB & RGBW 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)
	RGBW Handheld Remote	LS-RGBW-MZR	Controls RGBW LED Lights, 868 Mhz	Mult-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors	
	RGBW 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 Controllers

Image	Product	Code	Description	Functions	Dimensions
	Indoor MZ LED Receiver	LS-RCV-MZ8A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable.	12-36V DC 4 x 8A/Channel 4x(96-288W) Output Power 15M (50') Remote Range	L6 ^{5/8} x W2 ^{5/16} x H1 ^{1/8} " (L168 x W58 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 W2 ^{15/16} x H1 ^{1/2} " (L180.5 x W74x H38mm)