

SINGLE COLOR 5W COBFLEX LED STRIP



Producing up to 550 lumens per meter, the 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
- 12V DC input - has a max run, single end power, 5M (16.4')
- 24V DC input - has a max run, single end power, 8M (26.2')
- Excellent color output
- Dimmable with our dimmable low voltage power supplies

Applications

Cabinet | Accent | Display | Cove | Under Cabinet

Installation

Double-sided 3M tape on the back

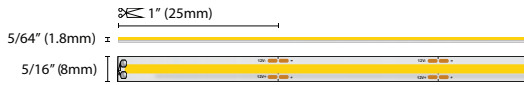


Specifications

Voltage	12V DC	24V DC
Wattage	1.5W/ft (5W/M)	1.5W/ft (5W/M)
Lumen Output	168/ft (550/M)	168/ft (550/M)
Color Temp	2700K / 3000K / 3500K / 4000K	2700K / 3000K / 3500K / 4000K / 5000K
# of LEDs	97 LEDs/ft (320 LEDs/M)	97 LEDs/ft (320 LEDs/M)
Roll Length	16.4' (5M) or 82' (25M)	16.4' (5M) or 82' (25M)
Cut Distance	1" (25mm)	2" (50mm)
CRI	>90	>90
Lifespan	+65,000 hours	+65,000 hours
Beam Angle	120°	120°
Working Temp	-25~+60°C (-13~140°F)	-25~+60°C (-13~140°F)
IP Rating	22	22
Dimmable	Yes	Yes
Wire Length	24" (60cm) wire lead on both ends	24" (60cm) wire lead on both ends
Warranty	5-year	5-year

Dimensions

12V:



24V:



Ordering Codes

Product	Chip & Length	Voltage	LEDs/M	Color Temp
LS - FLI			320	
FLI : Indoor	9 : COB B : 16.4' (5M) D : 82' (25M)*	12 : 12 volt 24 : 24 volt	320 : 320 LEDs	27K : 2700K 3K : 3000K* 35K : 3500K 4K : 4000K

*82' (25M) only available in 3000K color temp

Accessories

COB Strip Solderless Connectors are designed to provide a simple and quick connection. Suitable for indoor applications and fits all our aluminum channels.

Image	Code	Product	Description
	LS-SC1-COB	Mid Connector	Transparent thin (9mm) solderless strip to strip connector
	LS-SC2-COB	Connector on one End	Transparent thin (9mm) solderless connector with 24" wire lead
	LS-SC2-COB-20	Extended Connector on one End	Transparent thin (9mm) solderless connector with 20' (6.1m) wire lead
	LS-SC3-COB	Connector on both Ends	Transparent thin (9mm) solderless connectors with 12" wire lead in the middle.
	LS-SC4-COB	L - Connector	Transparent thin (9mm) solderless connectors for corners
	LS-SC7-COB	Wire to Strip Connector	Compact wire-to-strip connector. Dimensions: 13 x 11 x 6mm.

Aluminum Channels







Each aluminum profile can be combined with its 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). Solderless connectors fit inside.
	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). Solderless connectors fit inside.
	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). Solderless connectors fit inside. 45°/60°/90° light output available with extra part (LS-LL9D-B-L1).

More Aluminum Channels

Image	Code	Product	Description	Specs
	LS-LL10-L1	1M LL10 Channel	Slim Recessed. 1M (40") or 2M (80") lengths.	W19/32 x H15/64" (W15 x H6mm). Solderless connectors fit inside.
	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). Solderless connectors fit inside.
	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). Solderless connectors fit inside.
	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). Solderless connectors fit inside.
	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). Solderless connectors fit inside.

Power Supplies

Non-Dimmable					
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		✓	
Dimmable					
	LS-12V-24D-CV	12V	Max. 24W	✓	Triac Dimming
	LS-12V-48D-CV		Max. 48W	✓	
	LS-12V-60D-CV		Max. 60W	✓	
	LS-12V-60D-MLT-CV		Max. 60W	✓	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming
	LS-12V-150D-MLT-CV		Max. 150W	X	
	LS-12V-300D-MLT-CV		Max. 300W	X	
	LS-24V-24D-CV	24V	Max. 24W	✓	Triac Dimming
	LS-24V-48D-CV		Max. 48W	✓	
	LS-24V-60D-CV		Max. 60W	✓	
	LS-24V-96D-MLT-CV		Max. 96W	✓	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming
	LS-24V-150D-MLT-CV		Max. 150W	X	
	LS-24V-300D-MLT-CV		Max. 300W	X	