

OUTDOOR COBFLEX LED STRIP



The Single-Color Outdoor COBFlex LED Strip is a professional-grade, continuous linear lighting solution engineered for exterior applications requiring smooth, dot-free illumination. Utilizing advanced chip-on-board (COB) technology, it provides uniform light output and high visual comfort when installed in compatible aluminum channels. Fully sealed and weather-resistant, this strip is ideal for architectural accents, façades, reveals, and other outdoor environments where clean light lines and reliable performance are critical.

Key Features

- Even light output - No hotspots
- Perfect for installation in aluminum channel
- Super bright COB LEDs
- Excellent color output, CRI >90
- Maximum Length single end power: 8M (26')
- 24" (60cm) wire lead on both ends
- Waterproof IP67 jacket
- Dimmable with our dimmable low voltage power supplies

Applications

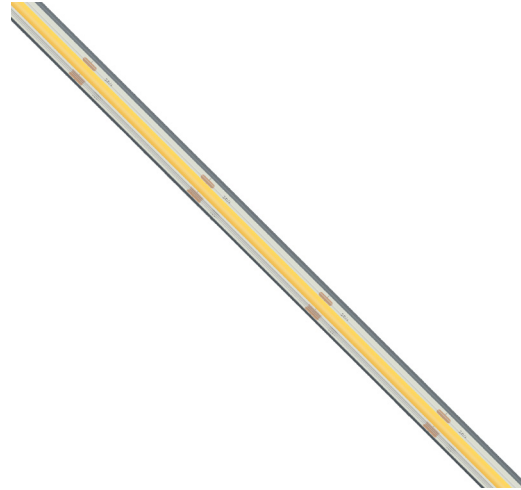
Deck | Soffit | Outdoor | Backbar | Mood

Installation

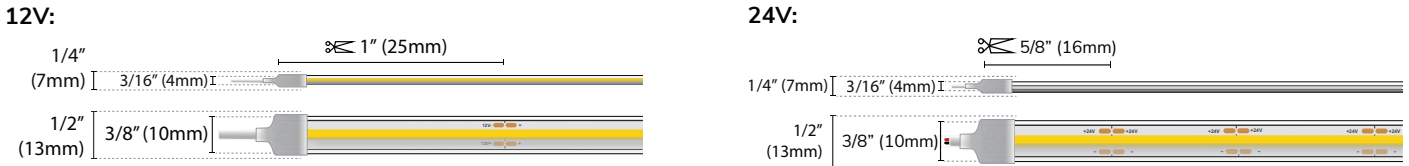
Double-sided 3M tape on the back or mounting clips

Specifications

	12V DC	24V DC
Voltage	12V DC	24V DC
Wattage	1.5W/ft (5W/M)	3W/ft (10W/M)
Lumen Output	168/ft (550/M)	335/ft (1100/M)
Color Temp	2700K / 3000K	2700K / 3000K / 4000K
Beam Angle	120°	120°
Dimmable	Yes	Yes
LED Density	97 LEDs/ft (320LEDs/M)	146 LEDs/ft (480LEDs/M)
Cut Increment	1" (25 mm)	5/8" (16mm)
Roll Length	16.4' (5M)	16.4' (5M)
CRI	>90	>90
IP Rating	67	67
Operating Temp	-25~+90°C (-13~195°F) - Sauna Rated	-25~+60°C (-13~140°F)
Lifespan	+65,000 hours	+65,000 hours
Lead Wire Length	24" (60cm) wire lead on both ends	24" (60cm) wire lead on both ends
Warranty	5-year	5-year



Dimensions



Ordering Codes

	Product	Chip & Length	Voltage	LEDs/M	Color Temp
LS -	FLO	9B			
	FLO : Outdoor	9 : COB B : 5M (16.4')	12 : 12 volt ¹ 24 : 24 volt ²	320 : 320 LEDs ¹ 480 : 480 LEDs ²	27K : 2700K 3K : 3000K 4K : 4000K ³

¹12V only available in 320 LEDs

²24V only available in 480 LEDs

³4000K only stocked in 24V

COB Strip Waterproof Connectors





Image	Code	Product	Description
	LS-WPC-2	Waterproof Connector	For corners or to make new lengths (solder on). Includes 1 male & 1 female.
	LS-WPC-2-6	6' Waterproof Wire Lead	6' waterproof wire lead (Solder on connectors)
	LS-EC-COB-10MM	End Caps	5 end caps for led strip
	LS-UC-COB-10MM	Mounting Clips	20 mounting clips
	LS-TC-COB	Transition Connector	To make new lengths
	LS-FLO-COB-SC1	Solderless Connector	Outdoor COB strip seamless connector (strip-to-strip)
	LS-FLO-COB-SC2	Solderless Connector Power Feed	Outdoor COB strip seamless power feed connector
	LS-FLO-COB-SC3	Solderless Connector Jumper	Outdoor COB strip seamless jumper connector


Aluminum LED

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-LL28-1	1M LL28 Channel	Large Corner Mount. 1M (40") length.	W1 1/8" (W30mm). All connectors compatible.
	LS-LL12-L1	1M LL12 Channel	Slim Modern. 1M (40") or 2M (80") lengths.	W23/32 x H5/16" (W18 x H8mm). All connectors compatible.
	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). All connectors compatible.
	LS-LL13-L2	2M LL13 Channel		
	LS-LL14-L1	1M LL14 Channel	Curve Flexible. 1M (40") or 2M (80") lengths.	W45/64 x H7/32" (W18 x H5.7mm). Production lead or solder required.
	LS-LL14-L2	2M LL14 Channel		
	LS-LL18-L1-BK	1M LL18 Channel	Black, Recessed or Surface Mount. 1M (40") length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL18-L2.5	2.5M LL18 Channel	Aluminum, Recessed or Surface Mount. 2.5M (8ft) length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL61-L1	1M LL61 Channel	2" Large Surface. 1M (40") length.	W2" (W50mm). All connectors compatible.
	LS-LL23-DW-L3	3M LL23 Drywall Channel	Mud In. 3M (9.8') length.	W1 9/64 x H35/64" (W29 x H14mm). All connectors compatible.

Power Supplies

Non-Dimmable					
	LS-12V-60W-O-CV	12V	Max. 60W	✓	Non-Dim with Plug
	LS-24V-60W-O-CV	24V			
	LS-12V-96W-O-CV	12V	Max. 96W	X	Non-Dim with Plug
	LS-24V-96W-O-CV	24V		✓	
	LS-24V-30W-JB-O-CV		24V	Max. 30W	✓
	LS-12V-60W-JB-O-CV	12V	Max. 60W	✓	Boxed Hardwire Power Supply
	LS-24V-60W-JB-O-CV	24V		✓	
	LS-24V-96W-JB-O-CV		24V	Max. 96W	✓
	LS-24V-96Wx3-JB-O-CV	Max. 192W (2 x 96W Output)		✓	Boxed Hardwire Power Supply
		Max. 288W (3 x 96W Output)			

Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-12V-24D-CV	12V	Max. 24W	✓	Triac Dimming. Hardwire
	LS-12V-48D-CV		Max. 48W	✓	
	LS-12V-60D-CV		Max. 60W	✓	
	LS-12V-30D-MLT-CV		Max. 30W	✓	5 in 1 dimming. Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM. Boxed Hardwire
	LS-12V-60D-MLT-CV		Max. 60W	✓	
	LS-12V-96D-MLT-CV		Max. 96W	✓	
	LS-12V-150D-MLT-CV	Max. 150W	X		
	LS-12V-300D-MLT-CV	Max. 300W	X		

Power Supplies

Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-24D-CV	24V	Max. 24W	✓	Triac Dimming. Hardwire
	LS-24V-48D-CV		Max. 48W	✓	
	LS-24V-60D-CV		Max. 60W	✓	
	LS-24V-30D-MLT-CV		Max. 30W	✓	5 in 1 dimming. Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM. Boxed Hardwire
	LS-24V-60D-MLT-CV		Max. 60W	✓	
	LS-24V-96D-MLT-CV		Max. 96W	✓	
	LS-24V-150D-MLT-CV		Max. 150W	X	
	LS-24V-300D-MLT-CV		Max. 300W	X	
	LS-24V-96Wx2D-MLT-CV		Max. 192W (2 x 96W Output)	✓	
	LS-24V-96Wx3D-MLT-CV		Max. 288W (3 x 96W Output)	✓	