

2835 CURVEGLOW LED STRIP



The 2835 CurveGlow LED Strip is an ultra-thin, flexible linear lighting solution engineered to navigate curves, corners, and irregular layouts without cutting or soldering. Designed to bend both vertically and horizontally, it delivers smooth, uniform illumination for complex architectural details. Ideal for signage, channel letters, and cove applications where flexibility, reliability, and clean light output are required.

Key Features

- Ultra-thin, curved LED strip for tight radii and complex layouts
- Vertical and horizontal bending capability for flexible installation
- High-quality 2835 SMD LEDs
- Moisture-resistant silicone spray coating
- High color rendering performance, CRI 90+
- Available in 12V DC and 24V DC options
- Single color stocked length: 16.4 ft (5M) / CCT - 100' (30.5M)
- Output up to 852 lumens per meter for single color
- Dimmable with compatible constant-voltage power supplies



Applications

Signage | Channel Letters | Cove

Installation

Double-sided 3M tape on the back



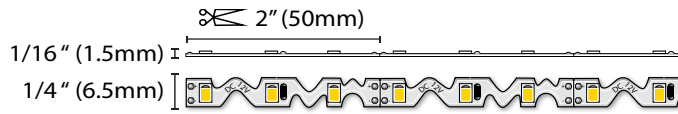
Specifications

Voltage	12V DC	24V DC
Wattage	2.2W/ft (7.2W/M)	2.2W/ft (7.2W/M)
Lumen Output	260/ft (852/M)	260/ft (852/M)
Color Temp	3000K / 3500K / 5000K / Red / Green / Blue	3000K / 3500K
Beam Angle	120°	120°
Dimmable	Yes	Yes
LED Density	22 LEDs/ft (72 LEDs/M)	22 LEDs/ft (72 LEDs/M)
Cut Increment	3 LEDs - 1 ⁵ / ₈ " (41.5mm)	6 LEDs - 3 ¹ / ₄ " (83mm)
Roll Length	16.4' (5M)	16.4' (5M)
CRI	>90	>90
IP Rating	64	64
Operating Temp	-25~+60°C (-13~140°F)	-25~+60°C (-13~140°F)
Lifespan	+65,000 hours	+65,000 hours
Lead Wire Length	12" (30cm) wire lead on both ends	12" (30cm) wire lead on both ends
Warranty	5-year	5-year

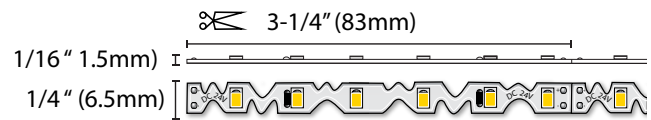
CCT (2700-5000K) available for order (24V, 9.6W/M, 100ft (30M) length) Code: LS-FLI-2G-24-CCT

Dimensions

12 Volt:



24 Volt:



Ordering Codes

Product	Chip & Length	Voltage	LEDs/M	Color Temp
LS - FLM	2B		72	
FLM : Moisture Proof	2 : 2835 B : 5M (16.4')	12 : 12 volt 24 : 24 volt*	72 : 72 LEDs	3K : 3000K R : Red 35K : 3500K G : Green 5K : 5000K B : Blue

CCT (2700-5000K) available for order - 24V, 9.6W/M, 100ft (30M) length.

*24V only stocked in 3000K, 3500K

Solderless Connectors

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

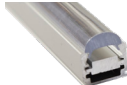

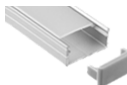
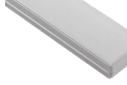






Image	Code	Product	Description
	LS-SC1-3528	Seamless Connector	2 wire. Width: 1/2" (13mm). Application: Add length.
	LS-SC2-3528	Power Feed	12" lead with connector - 2 wire. Width: 1/2" (13mm). Applications: Cut strip to power.
	LS-SC3-3528	Jumper	6" lead with connector on each side - 2 wire. Width: 1/2" (13mm). Applications: For corners.
	LS-SC4-3528	L-Connector	Applications: For corners.
	LS-SC7-3528	Block Connector	2 wire. L7/16 x W3/8 x H5/16" (L11 x W10 x H8mm). Applications: For strip to strip or strip to power.

Aluminum LED


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). ID: All connectors compatible.
	LS-LL8-L2	2M LL8 Channel		
	LS-LL28-1	1M LL28 Channel	Large Corner Mount. 1M (40") length.	W1 1/8" (W30mm). All connectors compatible.

Aluminum LED Profiles

Image	Code	Product	Description	Specs
	LS-LL9-L1	1M LL9 Channel	Square Modern. 1M (40") or 2M (80") lengths.	W5/8 x H1/2" (W16 x H12mm). Production lead or solder required.
	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). Production lead or solder required. 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). Production lead or solder required.
	LS-LL10-L2	2M LL10 Channel		
	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-LL15-L1	1M LL15 Channel	Thin Recessed and Surface Mount. 1M (40") or 2M (80") lengths.	W43/64 x H9/32" (W17 x H7mm). Production lead or solder required.
	LS-LL15-L2	2M LL15 Channel		
	LS-LL16-L1	1M LL16 Channel	Deep Recessed. 1M (40") length.	W45/64 x H19/32" (W18 x H15mm). Production lead or solder required.
	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-LL22-L1	1M LL22 Channel	Heavy Duty Inground. 1M (40") or 2M (80") lengths.	W1 ^{1/32} " (W26mm). Production lead or solder required.
	LS-LL22-L2	2M LL22 Channel		
	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.
	LS-LL55-L2	2M LL55 Channel Custom Available	Closet Rod LED Light 2M (80")	W3/4 x H1 ^{3/16} " (W19 x H30mm). ID: All COB Model Connectors compatible.

Aluminum LED Profiles

Image	Code	Product	Description	Specs
	LS-LL61-L1	1M LL61 Channel	2" Large Surface. 1M (40") length.	W2" (W50mm). All connectors compatible.

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-30W-O-CV	24V	Max. 30W	√	Non-Dim with Plug
	LS-12V-30W-O-CV	12V			
	LS-24V-60W-O-CV	24V	Max. 60W	√	Non-Dim with Plug
	LS-12V-60W-O-CV	12V			
	LS-24V-96W-O-CV	24V	Max. 96W	√	Non-Dim with Plug
	LS-12V-96W-O-CV	12V		x	
	LS-24V-150W-O-CV	24V	Max. 150W	x	Non-Dim with Plug
	LS-12V-150W-O-CV	12V			
	LS-24V-240W-O-CV	24V	Max. 240W	x	Non Dim, with leads for hardwire.
	LS-12V-264W-O-CV	12V	Max. 264W	x	Non Dim, with leads for hardwire.
	LS-24V-320W-O-CV	24V	Max. 320W		
	LS-24V-30W-JB-O-CV	24V	Max. 30W	√	Non Dim, Boxed Hardwire
	LS-12V-60W-JB-O-CV	12V	Max. 60W	√	Non Dim, Boxed Hardwire
	LS-24V-60W-JB-O-CV	24V			
	LS-24V-96W-JB-O-CV	24V	Max. 96W	√	Non Dim, Boxed Hardwire
	LS-24V-96Wx3-JB-O-CV	24V	Max. 288 W (3 × 96 W Class 2 outputs)	√	Non Dim, Boxed Hardwire

Power Supplies

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	X		
	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. 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 Out- put)		✓		
	LS-24V-96Wx3D-MLT-CV	Max. 288W (3 x 96W Out- put)		✓		