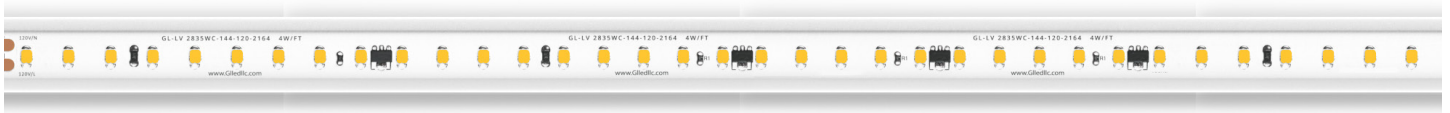# 120V Dimmable LED Strip Light - PRO-H

With the updated technology, this product is built for connecting directly to high voltage, which is 120V AC. No transformer/ driver needed anymore. With the 1ft cut point and waterproof design (IP65), this truly flexible lighting can be used for many applications such as backlighting, illuminating sign letters and complex shapes.

Features

- 120VAC operation (no power supply required)
- IP65 - Suitable for wet location
- ELV dimmer compatible
- Can span long run up to 164ft
- High lumens output and high PF
- Viewing angle 120°

- Overvoltage protection
- Over temperature protection
- Customized product, all sizes available
- Fast and easy installation, saving labor costs greatly
- ETL, FCC certified
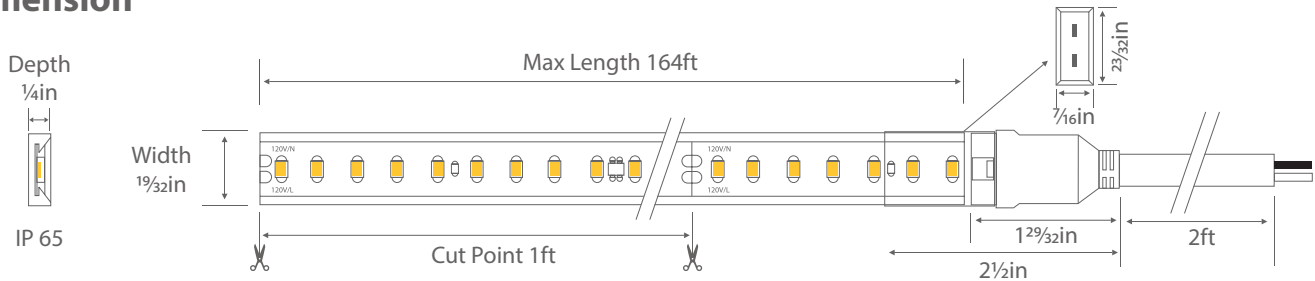- Limited 5 years warranty

| IP 65 | 90+ CRI | DRIVERLESS | ETL Listed US Intertek | FC | 5 YEAR WARRANTY |

Specification

Input Voltage	120VAC		
Dimmable	ELV		
Color	4000K	BLUE	RED
Brightness	320lm/ft	60lm/ft	34lm/ft
Light Efficiency	80lm/W	15lm/W	9lm/W
Power Consumption	4W/ft		
CRI	90+		

LED Quantity	36 LEDs/ft
One Run Max	164ft
LED Chip	2835
FPC Width	⅝in
Operating Temperature	-4°F~104°F
Lumen Maintenance	50,000 hrs
IP Rating	IP65 (Wet location)

Dimension

Depth ¼in

IP 65

Max Length 164ft

Width ¹⁹⁄₃₂in

Cut Point 1ft

23⁄32in

7⁄16in

1²⁹⁄₃₂in

2½in

2ft

Order Information

Model	Voltage	Color Temperature	Length(ft)
GL-LV-2835NWC-144H	120-120VAC	4000K	0-0ft
GL-LV-2835B-144F		BLUE	1-1ft
GL-LV-2835R-144F		RED	2-2ft
120V Dimmable LED Strip Light PRO-H			3-3ft
			4-4ft
			...
			164-164ft

GL LED US LIGHTING reserves the right to modify this specification without prior notices.
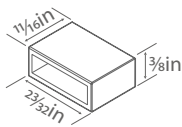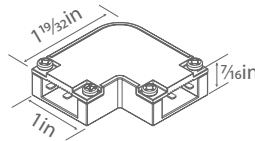
Connecting Accessories

Since the 120V Strip Light is a **customized** light with factory cut and assembling, the connection accessories are not sold separately. Please add the required quantity in the order.
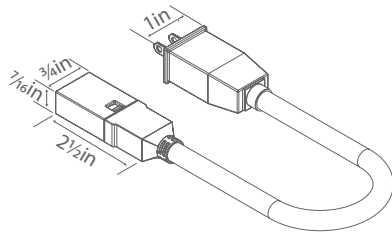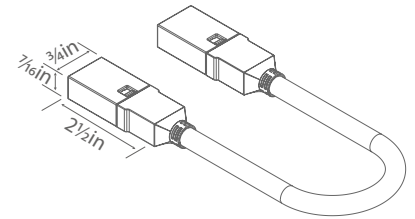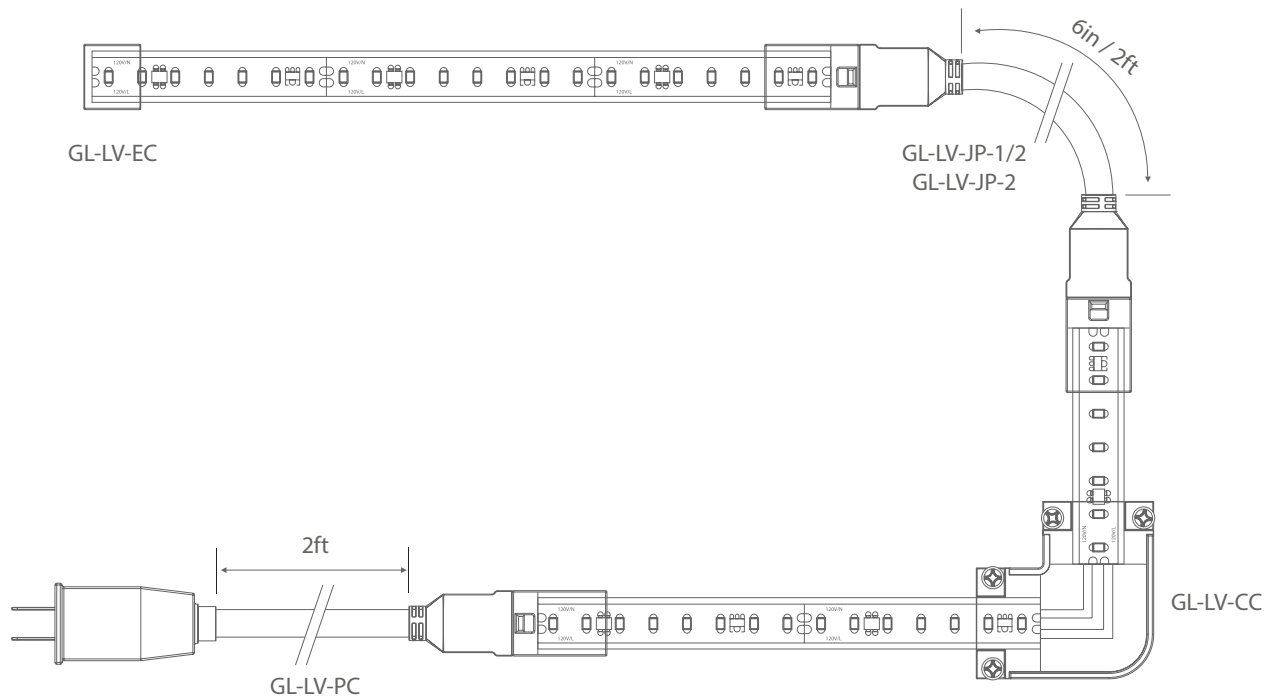

Plug-in Power Cable
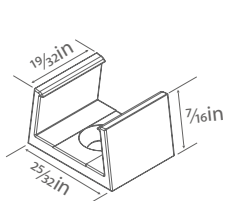**GL-LV-PC**
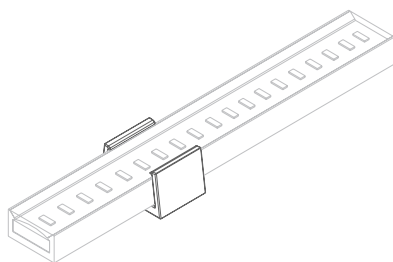
End Cap
GL-LV-EC

Corner Connector
GL-LV-CC

Jumper Cable
GL-LV-JP-1/2
GL-LV-JP-2

GL-LV-EC

GL-LV-JP-1/2
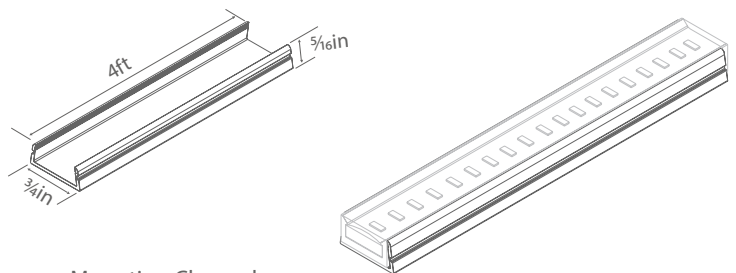GL-LV-JP-2

6in / 2ft

GL-LV-CC

2ft

GL-LV-PC

Installation Accessories (Sold Separately)

Mounting Clip
GL-LV-MCL-V2

Mounting Channel
GL-LV-MCH-4

## Compatible Aluminum Channel (Sold Separately)

31/32" × 31/32" (13/16")	1 3/8" × 1 3/8" (11/16")	1 31/32" × 1 3/8" (1 1/4")	2 31/32" × 1 3/8" (2 1/4")
A 2525	ES 3535	ES 5035	ES 7535
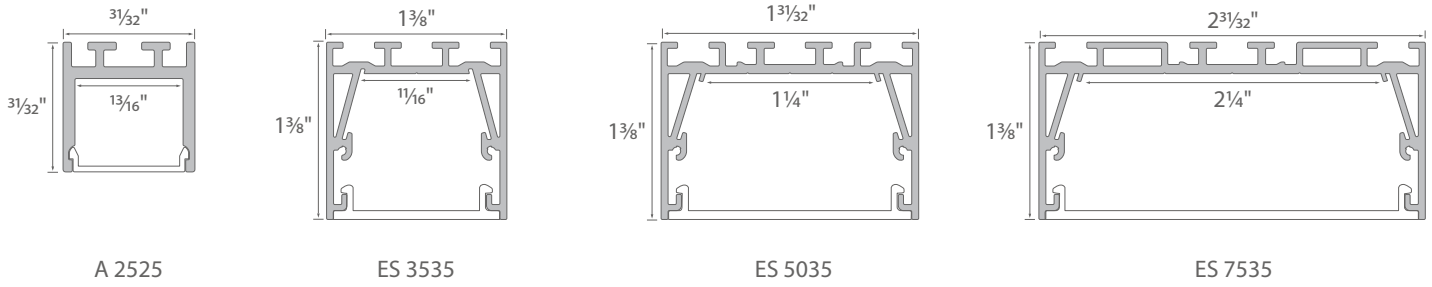
Aluminum Channel	Series	Model No.	Accessories	Hotspot	Recommeded # of Strips
A2525 LINEAR	A 2525	A-2525-AL-8-M	End cap, Mounting	No Hotspots	1 strip
3535 LINEAR	ES 3535	ES-3535-AL-8-M	End cap, Mounting, Connecting	No Hotspots	1 strip
5035 LINEAR	ES 5035	ES-5035-AL-8-M	End cap, Mounting, Connecting	No Hotspots	2 strips
7535 LINEAR	ES 7535	ES-7535-AL-8-M	End cap, Mounting, Connecting	No Hotspots	3 strips

Special Assessories (For A 2525 Only)

Aluminum Channel
Adjustable Bracket

GL-AL-AJB

| 0° | 30° | 60° | 90° |
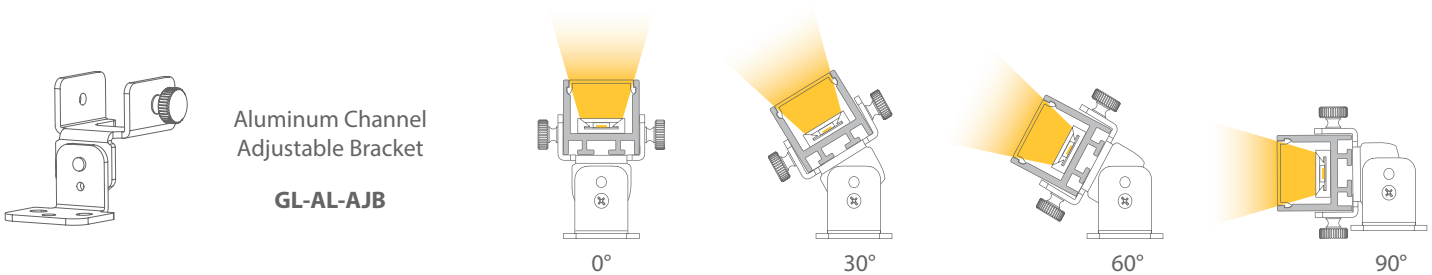
Aluminum Channel Mounting Options

Surface Mounting

Suspended Mounting
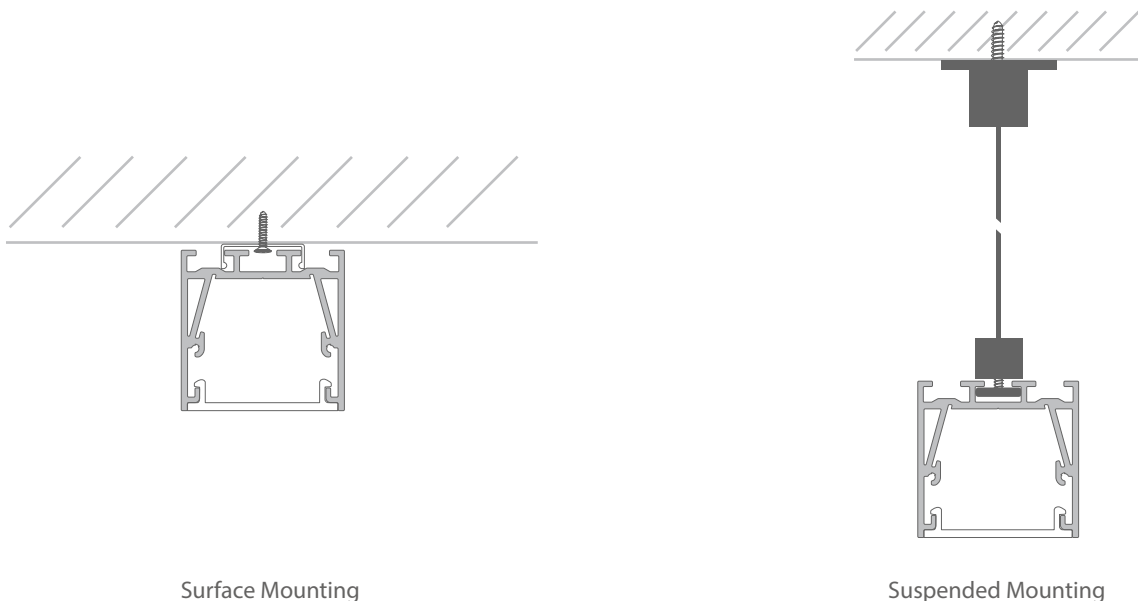
*For more detailed Aluminum channel information, please see LED aluminum channel specification of each series.

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