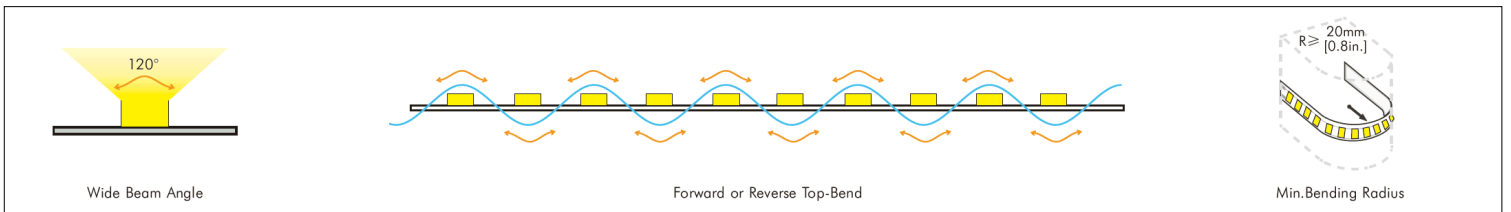


## Ultra Long Series | High-Efficacy

Flexible LED Strip



### Application

This flexible, high efficacy strip is ideal for indirect architectural lighting applications such as: Bridges, Handrail, Corridors, Stairs, Ceilings, and Coves

### Features

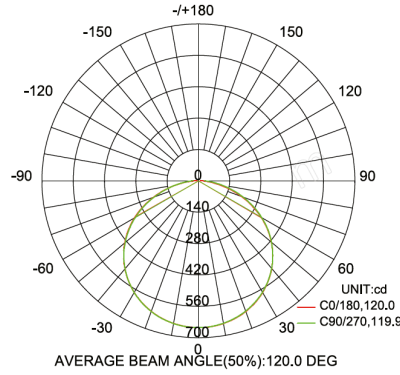
- At 38 LEDs/foot, the FSULS is High Efficiency and High Density
- Available in 2700k, 3000k, 3500k, 4000k, and 5000k
- 80+ or 90+ CRI
- Lumen Output - 3 Options: 170lm/ft, 310lm/ft, and 550lm/ft
- Able to cut every 2.2", and capable of long run lengths
- Available in IP67 Wet Location
- Silicon extrusion technology is an advanced process resulting in a high grade appearance, soft bend flexibility, strong impact resistance and high weather resistance
- Dimmable (5-100%) with most ELV and TRIAC dimmers
- UL listed for indoor dry / wet locations
- Easy Installation featuring 3M adhesive backing
- 50,000 hours rated lifespan

### FSULS

Our Ultra-Long Series is economical, high-performance lighting in a compact form that boasts a wide beam angle and is IP67 rated for indoor or outdoor wet locations. With 38 LEDs per foot, the FSULS is high density and has high efficiency.

Easily customizable with cutting sections every 2.2 inches and a forward or reverse top-bend. The FSULS is dimmable, and compatible with most ELV and TRIAC dimmers. With three options for wattage and lumen output, and five different options for color temperature, the FSULS is capable of many different applications and can be fabricated to the specifications of your project.





## Specifications and Performance

	FSULS-1.4	FSULS-2.4	FSULS4.6
<b>Watts per Foot</b>	1.4	2.4	4.6
<b>Max Run Length</b>	82ft	49.2ft	32.8ft
<b>Cuttable</b>	2.2"	2.2"	2.2"
<b>Lumens per Foot</b>	170lm	310lm	550lm
<b>Lumens per Watt</b>	122lm/w	128lm/w	121lm/w
<b>Input Voltage</b>	24vdc		
<b>Beam Spread</b>	120°		
<b>CRI</b>	80+, 90+		
<b>LED Lifespan</b>	L70 ≥50,000 @ Tc ≤ 65		
<b>Dimming</b>	0-10V, MLV, ELV		
<b>Dimensions</b>	IP20 (0.39" X 0.04"), IP67 (0.47" X 0.21")		
<b>CCT</b>	2700k, 3000k, 3500k, 4000k, 5000k		
<b>Operating Temp</b>	-4°F to 113°F (-20°C to 45°C)		
<b>Ambient Temp</b>	-4°F to 140°F (-20°C to 60°C)		
<b>Environment</b>	IP20, IP67		
<b>Warranty</b>	5 Year		
<b>Certifications</b>	CE, UL, CB, SAA, RoHS, LM80 DMX		
<b>LEDs/ft</b>	38 LED's/ ft		
<b>SCDM</b>	3 Step		
<b>Adhesive</b>	3M Adhesive Backing		



### Ordering Information

Example: FSULS-LD97S--xxW/FT-xxK-xxL-xxIP-xxCRI-24VDC

#### High Output - 4.6w/ft - Max run 32.8ft

Part No.	Watts/ft		Color Temp		Length		IP Rating		CRI		Voltage	
	Watts/ft	Watts/ft	Color Temp	Color Temp	Length	Length	IP Rating	IP Rating	CRI	CRI	Voltage	Voltage
FSULS-LD97S	46	4.6w/ft.	27	2700k	32	32.8ft	IP67	Outdoor	80	80+	24	24VDC
			30	3000k								
			35	3500k								
			40	4000k								
			50	5000k								
		CU	Custom Length*									

#### Medium Output - 2.4w/ft - Max run 49.2ft

Part No.	Watts/ft		Color Temp		Length		IP Rating		CRI		Voltage	
	Watts/ft	Watts/ft	Color Temp	Color Temp	Length	Length	IP Rating	IP Rating	CRI	CRI	Voltage	Voltage
FSULS-LD97S	24	2.4w/ft.	27	2700k	49	49.2ft	IP67	Outdoor	80	80+	24	24VDC
			30	3000k								
			35	3500k								
			40	4000k								
			50	5000k								
		CU	Custom Length*									

#### Low Output - 1.4w/ft - Max run 82ft

Part No.	Watts/ft		Color Temp		Length		IP Rating		CRI		Voltage	
	Watts/ft	Watts/ft	Color Temp	Color Temp	Length	Length	IP Rating	IP Rating	CRI	CRI	Voltage	Voltage
FSULS-LD97S	14	1.4w/ft	27	2700k	82	82ft	IP67	Outdoor	80	80+	24	24VDC
			30	3000k								
			35	3500k								
			40	4000k								
			50	5000k								
		CU	Custom Length*									

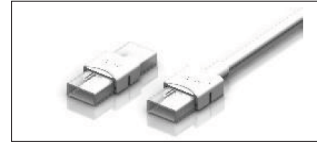
\*For Custom Length Selection, Orders can take 4-6 weeks for Processing and Delivery\*



### FSULS Accessories

#### IP67 Outdoor

- FSULS-SSC67** Strip to strip connector, for IP67 static white strip
- FSULS-WLC67** Wire lead connector, for IP67 static white strip
- FSULS-JCC67** Jumper cable connector, for IP67 static white strip



### Recommended Power Supplies



### Dimmable with 0-10v, ELV, MLV, TRIAC

Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
PS-TSLC-UNV-24V-288WDHV2	288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H

### Diagram & Dimensions

Unit: mm[in.]



**IP67**

Wet Location

Silicone Extrusion Process  
Immerse In Water For Short Time  
(depth ≤ 1 meter & less than 30 minutes)  
Tiny Color Shift  
Full-Seal

