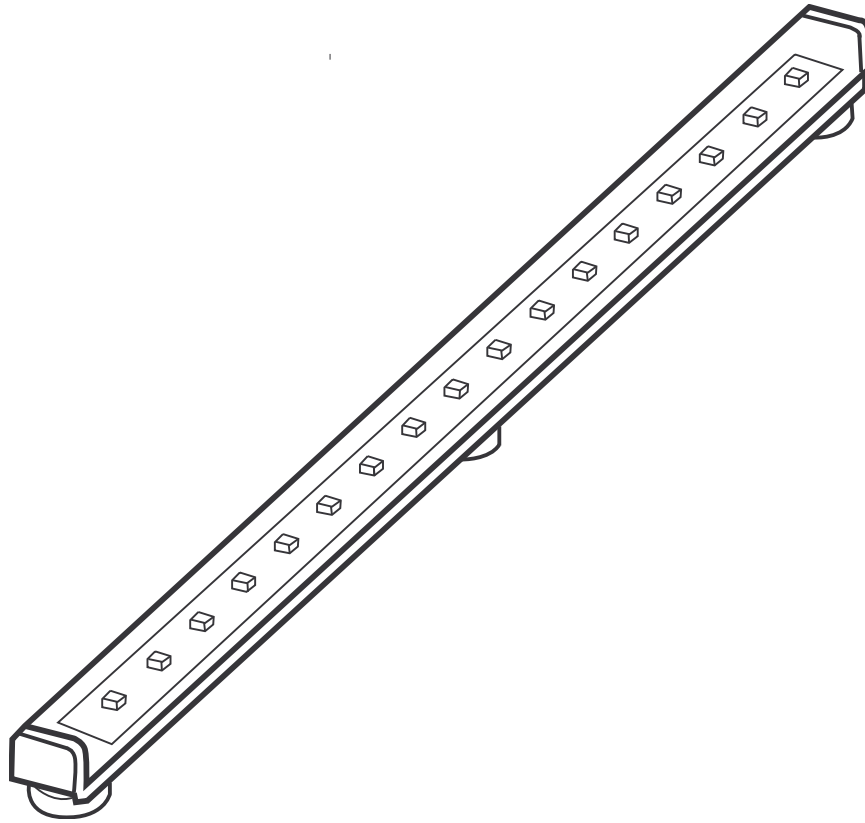


LED Flood Strip



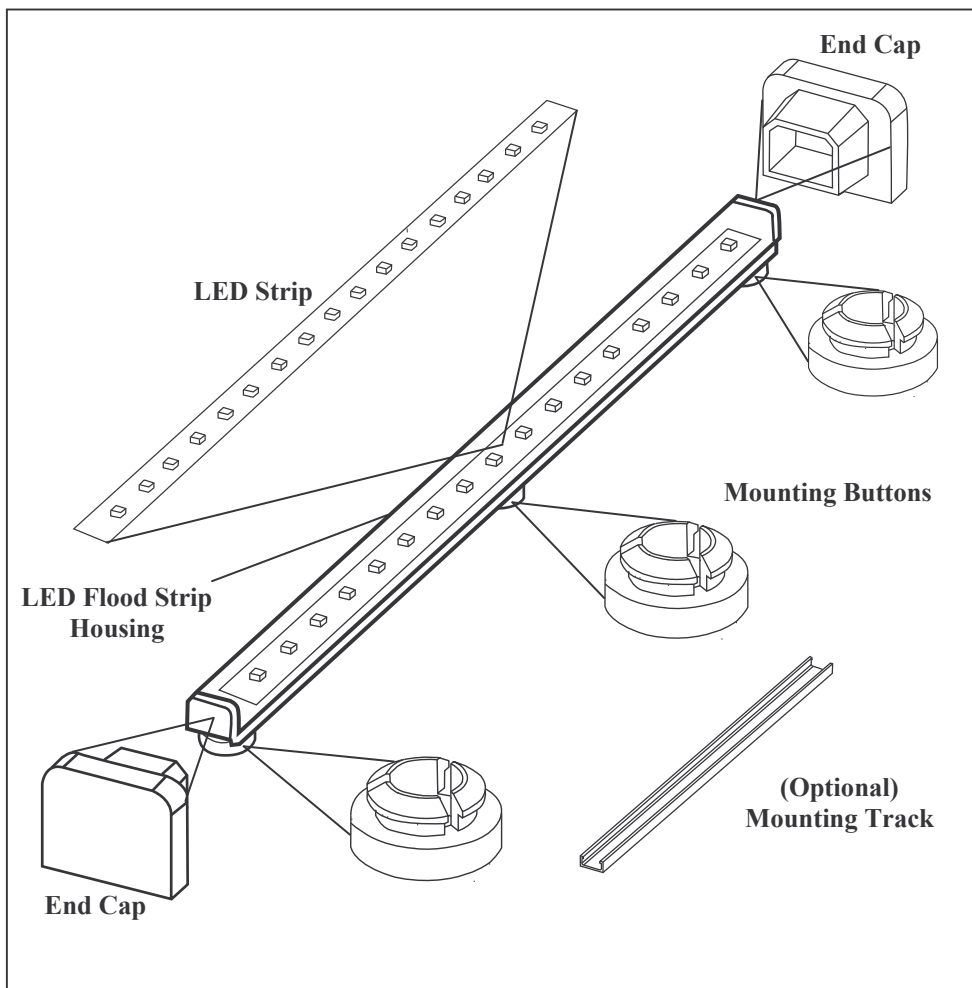
Installation Manual

Rev. A 12-23-2004

General Information:

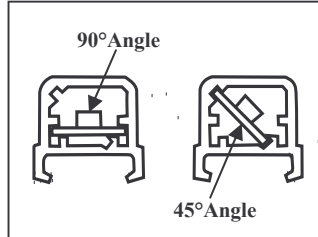
Model EVLFL1000

The LED Flood Strip Housing is made of Acrylic DR which has excellent clarity, and is rated superior for weather ability and high impact resistance. The black end caps and buttons are made of ABS plastic 243R. The end caps are installed using A-150 adhesive, and are used to protect the LED Flood Strip from Dust, Dirt, Water and Moisture. The Mounting Track is an optional method of mounting the LED Flood Strip.

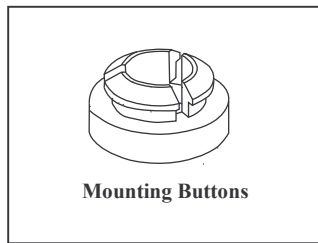


LED Flood Strip Should Only Be Installed By a Qualified Electrician

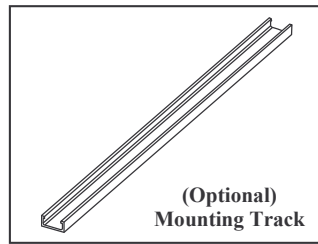
The LED Flood Strip comes in two different configurations. One is a 90° degree version and the other is a 45° degree version as shown.



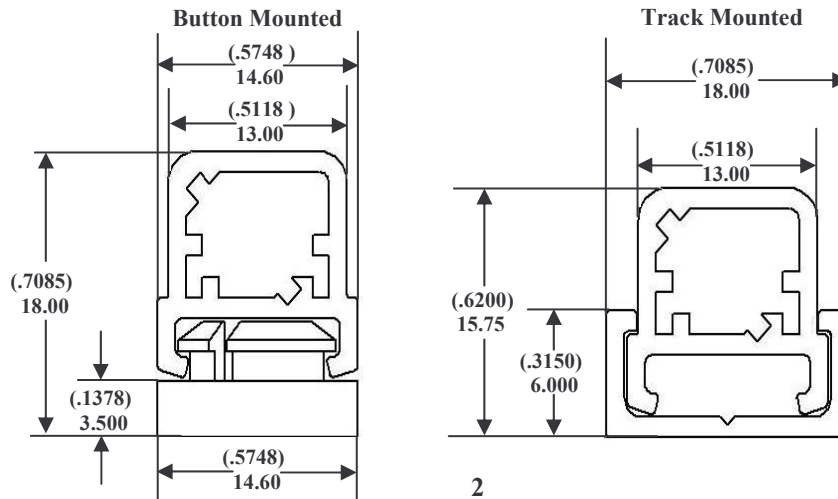
Mounting Buttons are installed by aligning three buttons in a row, equally spaced on mounting surface. Install appropriate hardware for mounting surface through center of buttons. Snap the LED Flood Strip on to buttons.

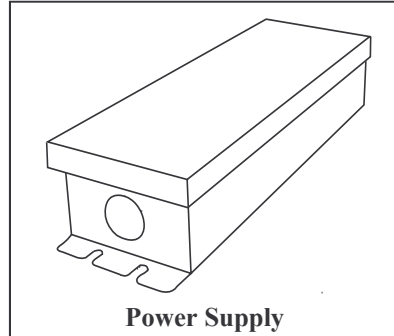


The optional Mounting Track is installed by drilling three holes into track, equally spaced. Then install appropriate hardware for mounting surface. Slide LED Flood Strip into track.



LED Flood Strip Housing, Button and Track Dimensions:



Power Supply Specification:**Model EVLFL1000****Recommended Power Supplies:****Nu Power****Model No: SLD60-124V-FC****High Perfection Tech****Model No: LP1060-24-GG-290**

Power Supply Usage Chart		
Flood Color	SLD60-124V-FC	LP-1060-24-GG-290
Deep Red	41 Feet	41 Feet
White	41 Feet	41 Feet
Blue	41 Feet	41 Feet

LED Flood Power Chart				
Flood Color	Max. Current per Foot	Total Wattage per Foot	Number of LED's per Board	Number of Cut Sections per Board
Clear Red	.12 Amp	1.5 Watt	18	6
White	.12 Amp	1.5 Watt	18	6
Blue	.12 Amp	1.5 Watt	18	6

Specification for Power Supplies		
Power Supply	SLD60-124V-FC	LP1060-24-GG-290
Input Voltage (Vac)	90-264	90 - 264
Input Frequency (Hz)	47-63	47 - 60
Input Current (A)	1.6	1
Output Voltage (VDC)	24	24
Output Current (A)	5	5
Output Power (W)	60	60
Operating Temperature (C)	-20-+60	-70
Operating Humidity (%)	5% to 95%	5% to 95%
UL Class 2 Approved	Yes	No
Enclosure	Outdoor Rated	Outdoor Rated

Wiring Application:

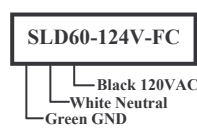
Model EVLFL1000

Single LED Flood Strip Application

The LED Flood Strips are made per order in standard lengths of 2, 4, and 8 feet.

⚠ Observe polarity when connecting wires. Reverse connections will result in a non operable LED Flood Strip.

Flood - Strip Notes:
1. Due to the current limitations on the connectors (3 Amps) the following installation guide lines must be followed;
◆ 16 continuous feet max. (Red, White, Blue) connected in series.
2. Due to Power Loss;
◆ Maximum distance from the Power Supply to the Flood Strip is 30 Feet.



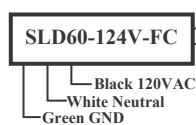
Series LED Flood Strip Application

The LED Flood Strips are made per order in standard lengths of 2, 4, and 8 feet. Continuous series length is 16 feet maximum.

⚠ Observe polarity when connecting wires. Reverse connections will result in a non operable LED Flood Strip.

Flood - Strip Notes:
1. Due to the current limitations on the connectors (3 Amps) the following installation guide lines must be followed;
◆ 16 continuous feet max. (Red, White, Blue) connected in series.
2. Due to Power Loss;
◆ Maximum distance from the Power Supply to the Flood Strip is 30 Feet.

Continue in series up to 16 feet maximum.





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