

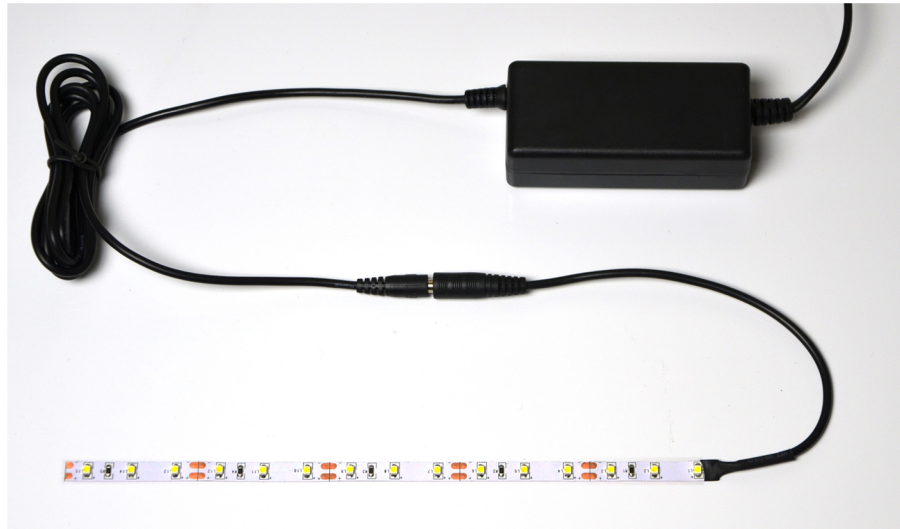
**Warning!** Turn the power off before installation. Read all installation instructions thoroughly. ALL of these Strips require **12VDC Power** supply with the correct wattage amount for length of the strip. This product is for interior use only, use in dry location. Do not put adhesive over the strips. Keep away from solvents/flammable materials. Fasten all loose wires.

## Specifications:

**Operating Temperature: -40 to 120 F**

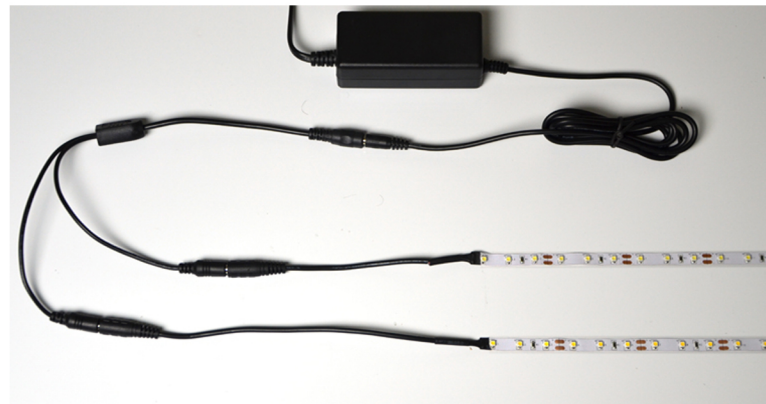
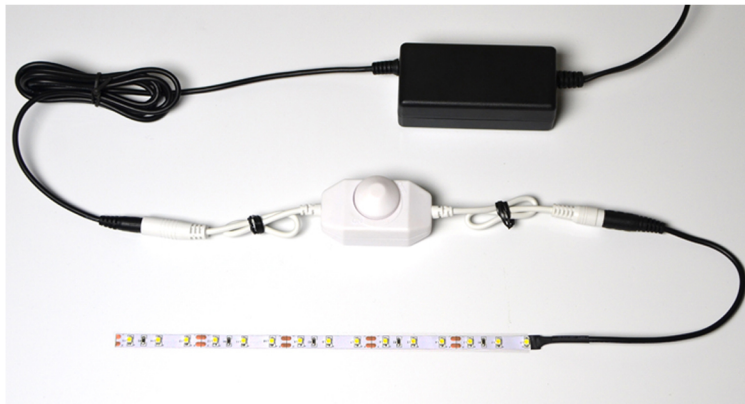
Series	S2835	S3014	S3528 60/M	S3528 60/M	S3528 240/M	S5050 30/M	S5050 60/M	S5050 120/M
Power Consumption/ Ft	3.6 Watts/ft	2 Watts/ft	1.5 Watts/ft	3 Watts/ft	6 Watts/ft	2.5 Watts/ft	5 Watts/ft	10 Watts/ft
Dimension	10mm	5mm	8mm	8mm	14mm	10mm	10mm	20mm

**Connection:** LED strips require 12VDC Power supply which have only two terminals. It is very important to connect the **positive** and **negative** terminals correctly.



Most LED Strips are dimmable with a 12VDC Dimmer. The dimmer is installed between the adaptor output and the LED Strip. You must choose a dimmer that has an amperage rating larger than the adaptor output current.

Depending on your application the LED strips can be branched out to make multiple runs, it need not be one continuous strip. In this format you must make sure that the adaptor can support enough power for both strips, and the wires can handle the current.

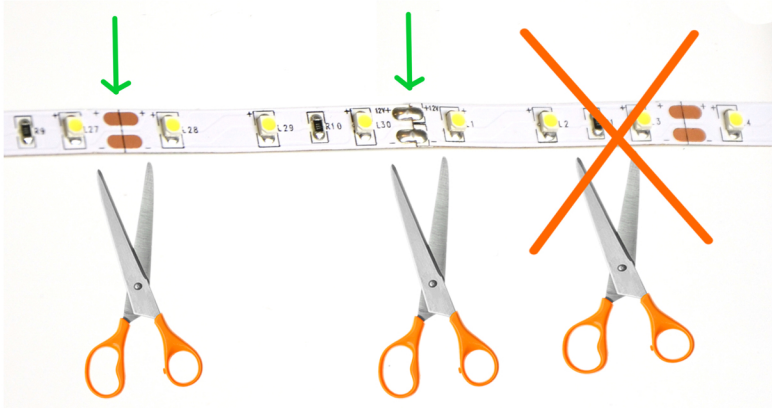


## Installation:

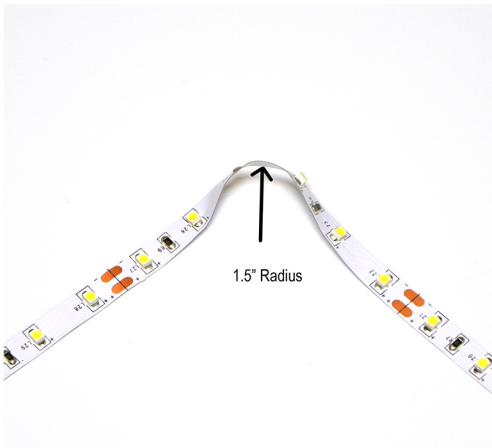
The surface to be used for installation of LED strips must be clean, solid, smooth such as painted metals or wood. The LED strips do not stick to porous surfaces such as raw wood, stones, concrete, silicon ect.

**Test a small section before installation.**

**LED strips can be cut with scissors to your desired length before installation. Cut strips in the area shown below.**



**Corners:** Avoid folding the strips into corners. The correct way to go around corners is to leave a 1.5" radius unattached to the surface.



## Troubleshooting:

Problem	Possible Cause	Solution
None of the LEDs Work	<ul style="list-style-type: none"> <li>Adaptor not plugged in</li> <li>Power supply/wires have been short circuited</li> <li>Wire's polarity at the strip is not correct</li> </ul>	<ul style="list-style-type: none"> <li>Check power at the outlet</li> <li>Check your connector</li> <li>Check wiring</li> </ul>
Some of the LEDs don't work	<ul style="list-style-type: none"> <li>LED Strip is damaged</li> <li>Power to those LEDs is not connected</li> <li>Wire's polarity at the strip is not correct</li> </ul>	<ul style="list-style-type: none"> <li>Check for cuts in the LED strip</li> <li>Replace damaged section</li> <li>Check wires and correct polarity if needed</li> </ul>
The LEDs are dim	<ul style="list-style-type: none"> <li>Power supply is overloaded or isn't the correct wattage</li> <li>Voltage drop due to long wires</li> <li>LED Strip is too long for power supply</li> </ul>	<ul style="list-style-type: none"> <li>Use a bigger power supply</li> <li>Shorten the wire from the power supply to the LED strip</li> <li>Adjust the length of the strip to match your power supply</li> </ul>
LEDs Blinking	<ul style="list-style-type: none"> <li>Loose Connection</li> <li>Short Circuit at the end of the strip</li> <li>Power supply doesn't work</li> </ul>	<ul style="list-style-type: none"> <li>Check for loose connection</li> <li>Check for short circuit</li> <li>Replace power supply</li> </ul>