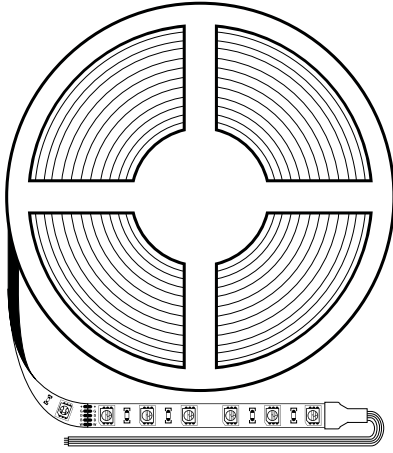


# RGBW COLOR CHANGING LED STRIP LIGHT



**16.4ft**

**300** LEDs : **480** LEDs

## Product Description

Solid Apollo's RGBW LED Strip Lights are a combination of our normal RGB color-changing and White color 5050 LED chips. With this RGBW Strip, billions of color variations can be made easily by mixing Red, Blue, Green, and White.

The added White chip also allows you to produce a pure White color that a regular RGB chip could not make. The White chip in the RGBW is available in 3000K, 4000K, and 6000K. The RGB + Warm White (3000K) is ideal for locations with dark color backgrounds while RGB + Cool White (4000K & 6000K) are excellent with light colored backgrounds.

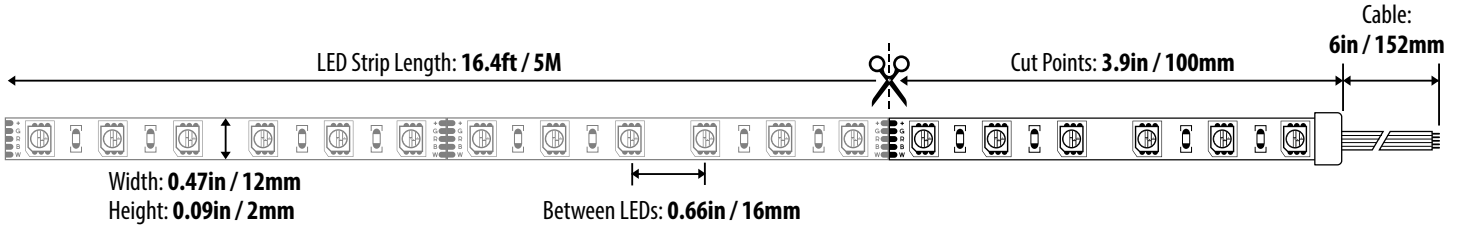
Unique personalized colors can be easily created using Solid Apollo's RGBW LED strip lights with Solid Apollo's RGBW Controllers. They can produce Fading, Color-Changing and Chasing effects and many other Program Schemes. The RGBW LED Strips are an excellent choice for applications that require dual purpose lighting such as task lighting plus relaxing colors. Some features of Solid Apollo's RGBW Strip Lights category include:

- UL certified for safety and durability.
- Ability to create billions of colors variations.
- Easy installation with a built-in 3M double sided tape.
- Available in 72W and 120W power output options.
- 6in long lead wire for easy connectivity.
- Small cut points every 4" to 5" (Depending on Wattage of Strip).
- Full brightness control through a wide range of compatible controllers.
- Flexible and compact design to fit in a wide selection of LED Channels.

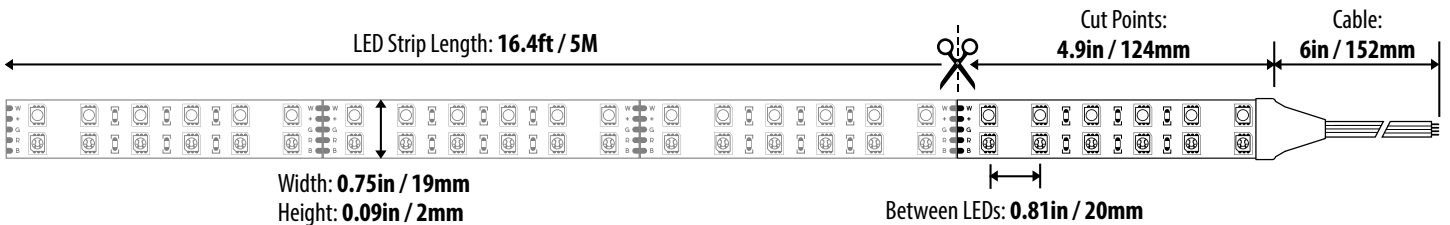
## Quick Spec.

- **Fully Dimmable:** Yes
- **Voltage:** 24V DC
- **Total Wattage:** 72W -120W
- **Beam Angle:** 120°
- **UL Listing #:** E493881
- **PCB Width:** 12mm / 0.47in - 19mm/0.75in
- **LED Strip Length :** 16.4ft /196.8in
- **Working Temperature:** -4° to 122°F

### RGB+W 5050 72W Illustration



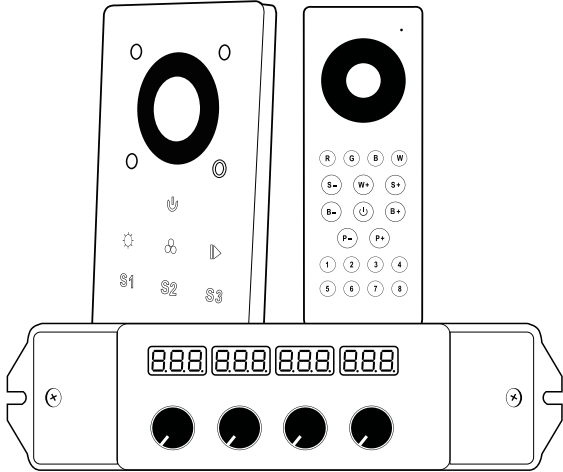
### ColorPro RGB+W 5050 120W Illustration



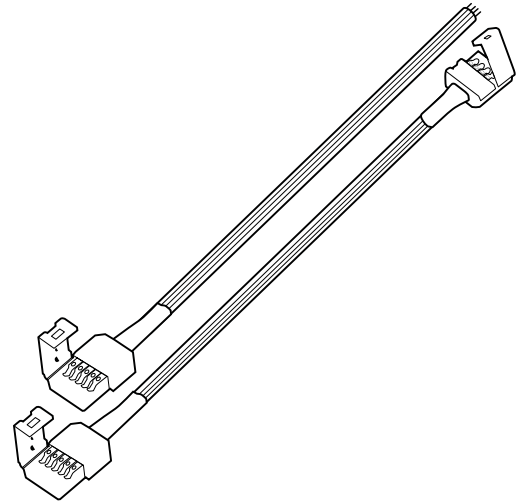
## Technical Information

Available LED Color	SKU#	Total LEDs	Total Lumens	Max Wattage	LED Type	PCB Width	Minimum Cut
RGB+Warm White (3000K) 5050 72W	SA-LS-RGB-WW-5050-300-24V	300	<b>RGB:</b> 1650 / <b>3100K:</b> 1902	72W	SMD 5050	12mm	3.9in / 100mm
RGB+Daylight White (4000K) 5050 72W	SA-LS-RGB-DW-5050-300-24V	300	<b>RGB:</b> 1650 / <b>4000K:</b> 2132	72W	SMD 5050	12mm	3.9in / 100mm
RGB+White (6000K) 5050 72W	SA-LS-RGB-W-5050-300-24V	300	<b>RGB:</b> 1650 / <b>4000K:</b> 2132	72W	SMD 5050	12mm	3.9in / 100mm
RGB+Warm White (3000K) 120W	SA-LS-RGB-WW-480-24V	480	<b>RGB:</b> 1440 / <b>3100K:</b> 2880	120W	SMD 5050	19mm	4.9in / 124mm

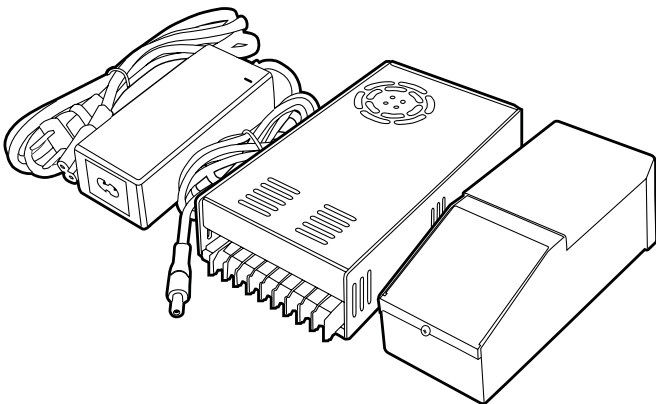
## RGB Controllers



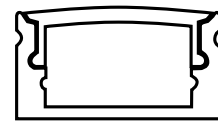
## LED Strip Connectors



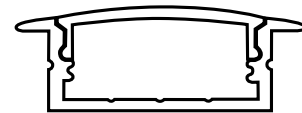
## Power Supplies



## LED Strip Channels



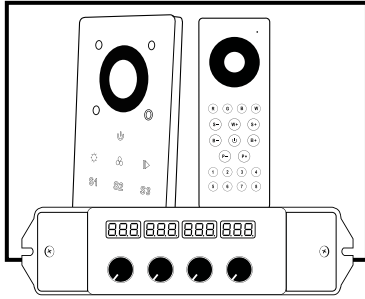
**T12**



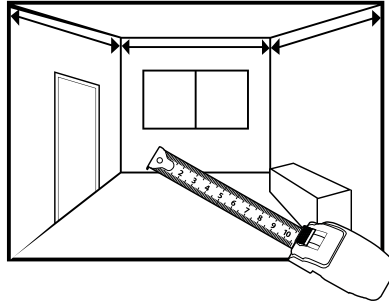
**T20**

# RGBW COLOR CHANGING LED STRIP LIGHT INSTALLATION GUIDE

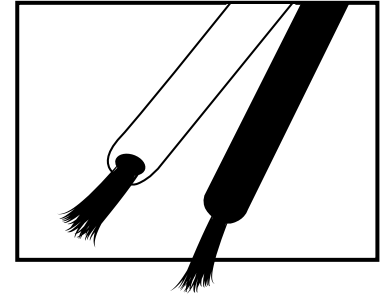
1. Determine where to install the Driver and optional Dimmer.



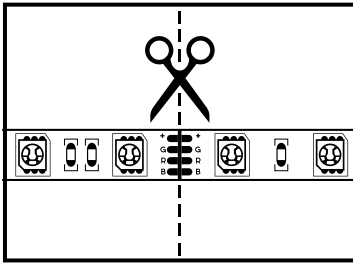
2. Determine the measurement of area where LED Strip Lights will be placed.



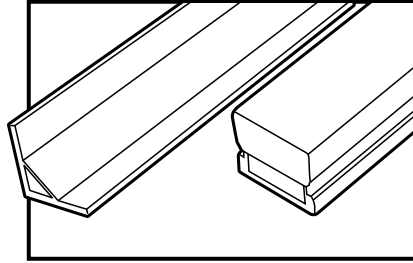
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



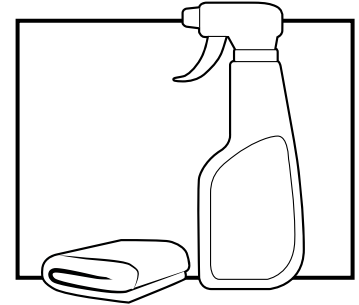
4. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



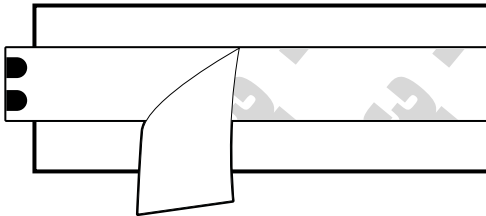
5. If using Channels, cut or extend them to fit size of the installation area



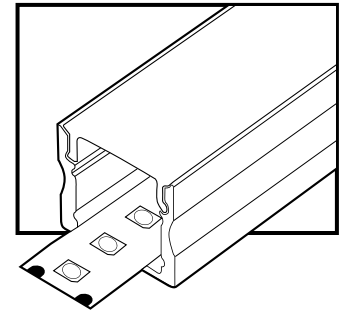
6. Thoroughly clean the surface where the LED Strip will be mounted.



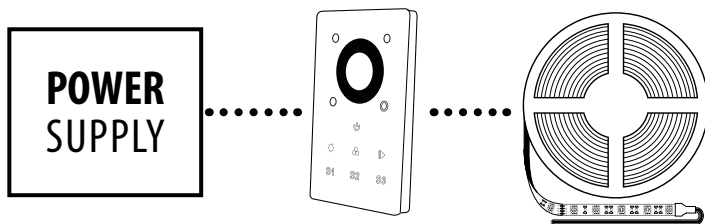
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



B. If using Channels, mount the LED Strip in the Channel and mount it to the desired surface.



8. Complete the connection/wiring between the Power Supply, optional dimmer and LED Strips.

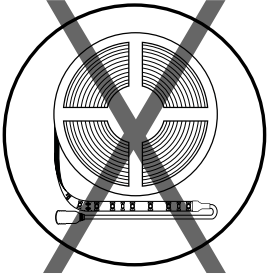


9. Power up and enjoy!

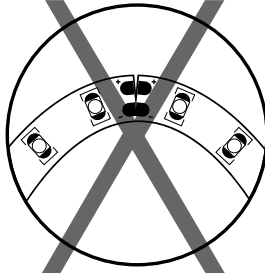
**Note:** If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

# RGBW COLOR CHANGING LED STRIP LIGHT WARNINGS

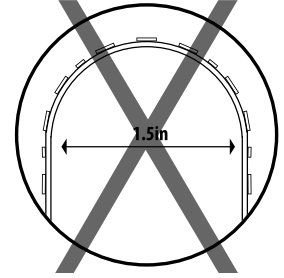
**Do not** power LED Strip still coiled in spool.



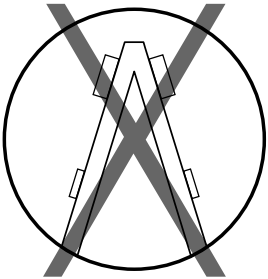
**Do not** bend LED Strip sideways.



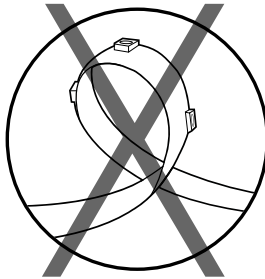
**Do not** bend LED strips to a diameter less than 1.5 inches.



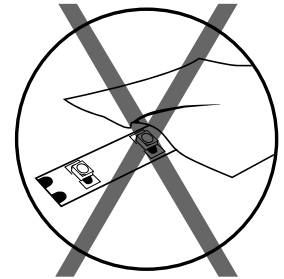
**Do not** fold or crease LED Strip.



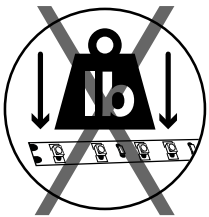
**Do not** twist LED Strip.



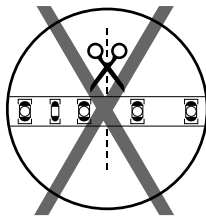
**Do not** cover LED Strip with anything other than LED Channel Diffusers.



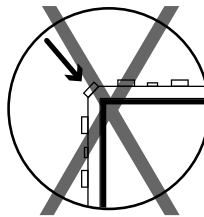
**Do not** put direct excessive pressure on the LED surface.



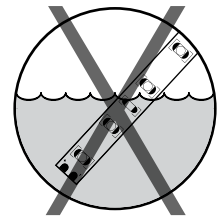
**Do not** cut LED Strips except at designated cutting points.



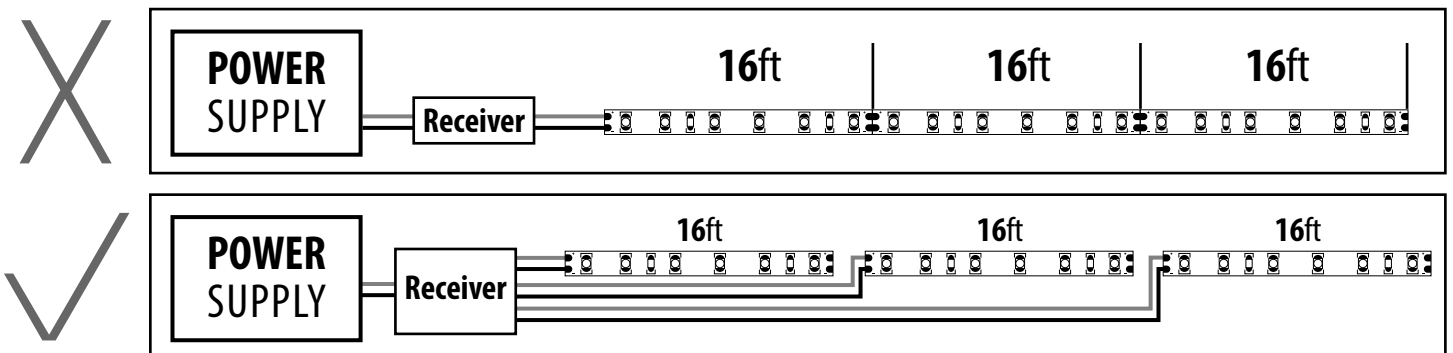
**Do not** position LED at an angled surface where it is pressed.



**Do not** submerge LED Strip Lights.



**Do not** connect or interconnect more than 16 feet (5 meters) of LED Strip to one Power Feed.



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# RGBW COLOR CHANGING LED STRIP LIGHT SAFETY & WARRANTY

## Safety / Disclosures

1. Please follow the included installation guide for proper installation procedure (See pg. 3).
2. Install in accordance with your national or local electrical code regulations.
3. Not suitable for wet locations.
4. Do not expose LED chips to direct sunlight continuously.
5. Do not expose to heat more than the specified Temperature ratings and do not install too close to stoves, fireplaces, and so on.
6. Only install with the required Driver/Power Supply – 24V DC Constant Voltage Driver.
7. Use a separate power feed for each recommended maximum run.
8. Only use cables that are certified for use with external connection of electrical equipment and rated for at least 80°C (176°F)
9. Do not mishandle product or modify beyond the guidelines given as this may void product Warranty.
10. Only use the recommended accessories and wires to connect between LED Strip Light, Driver, Controller, and other devices in between.
11. The output color of the LED Strips may have slight variation from that of the pictures on this document or website due to photo rendering limitations.
12. Design improvements and modification of the products could happen from to time and we reserve the right to do these improvements necessary without any prior notice.

## Warranty

The **RGBW** Color Changing LED Strip Lights come with a 5-year limited warranty from the date it is shipped to the customer. This warranty covers the product as long as it is used for the designed purpose and normally operated unless otherwise stated.

Please visit [www.solidapollo.com/returns-amp-warranty.html](http://www.solidapollo.com/returns-amp-warranty.html) for the complete warranty details on the product. For any additional questions about product warranty, feel free to contact customer support at 425.582.7533.