Solid Apollo LED
Where light meets perfection

ETL LISTED · CE Certified · RoHS compliant · 120 VAC · FIELD CUTTABLE · TOP BENDING · IP65 RATED · COLOR CHANGING — RGB — · DIMMABLE
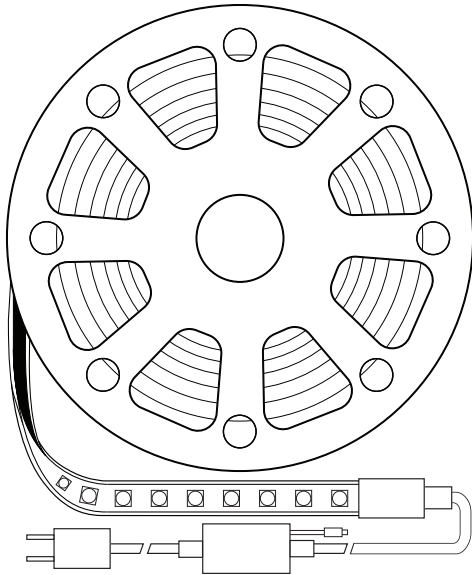
RGB DRIVERLESS 120V AC LED STRIP LIGHT

up to
165ft

110 TOTAL
LUMENS / FT

Product Description

The Driverless Color Changing RGB LED Light Strip is a revolution in Driverless LED Lighting technology. This strip comes ready to plug into any standard outlet and is waterproof, rated IP65 for indoor or outdoor use. Each strip is delivered to you at the desired length, up to 165ft, ready to connect with no configuration or complex connections for projects like landscape lighting, commercial and hospitality lighting, kitchen splash zones, bathroom accents, and more.

Each 165ft spool of Driverless RGB Light Strip contains 2970 surface mounted high brightness 5050 Epistar LED Chips encased in waterproof silicone tubing to protect the LEDs from the elements. The silicone casing is UV resistant to protect the light strip and prevent discoloration for a long lasting installation.

The included infrared remote and built-in receiver allows you to turn the strips on and off without unplugging, control brightness levels, and choose eight beautiful static colors: red, green, blue, white, orange, yellow, cyan, and purple. You can also customize the look and feel by selecting from six color changing programs including fading, jumping, flashing, and more. The programs come with two adjustable speeds for more customization.
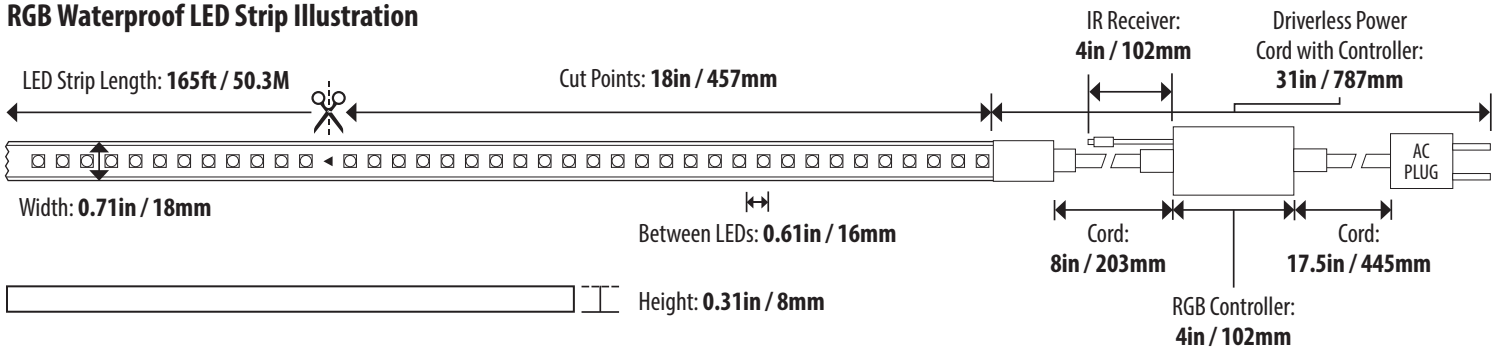
Our Driverless RGB LED Strip Lights are ETL listed therefore offering the greatest quality at an affordable price without using contaminant components, which greatly deteriorate our environment.

- ETL listed, RoHs Compliant
- Made to Order
- Fully Dimmable
- 110 Lumens Per Foot
- Works at 120V AC Line Voltage
- Ready to Plug In Right Out of the Box
- Plug In Directly to Any AC Outlet
- Includes an Infrared Remote

- Shuffle Through Six Color Changing Programs With Two Adjustable Speeds
- Eight Static Colors: Red, Blue, Green, White, Orange, Yellow, Cyan, and Purple
- Easily Increase and Decrease Brightness
- Available in Many Lengths Up to 165 Feet Long
- Indoor/Outdoor Use

- Two Year Warranty
- No Extra Drivers, Wiring, or Transformers Required
- Perfect for Decks, Garden Lighting, Pathway Lighting, Facade Lighting and More
- Each Purchase Includes Power Cord and End Cap Installed

Quick Spec.

• **Fully Dimmable:**	Yes, by Infrared Remote	• **PCB Width:**	0.71in / 18mm
• **Voltage:**	120V AC	• **Dimensions:**	1980in x 0.71in x 0.31in
• **Total Wattage:**	726W	• **Working Temperature:**	-5º to 165ºF
		• **Certifications:**	ETL (US and Canada), CE, RoHS

RGB Waterproof LED Strip Illustration

LED Strip Length: **165ft / 50.3M**
Cut Points: **18in / 457mm**
IR Receiver: **4in / 102mm**
Driverless Power Cord with Controller: **31in / 787mm**

Width: **0.71in / 18mm**
Between LEDs: **0.61in / 16mm**
Cord: **8in / 203mm**
Cord: **17.5in / 445mm**

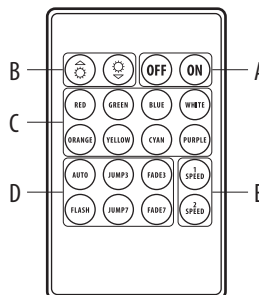Height: **0.31in / 8mm**
RGB Controller: **4in / 102mm**

AC PLUG

Technical Diagrams

BUTTON CONTROLS
A - On/off power control
B - Increase/decrease Brightness levels
C - Eight static colors
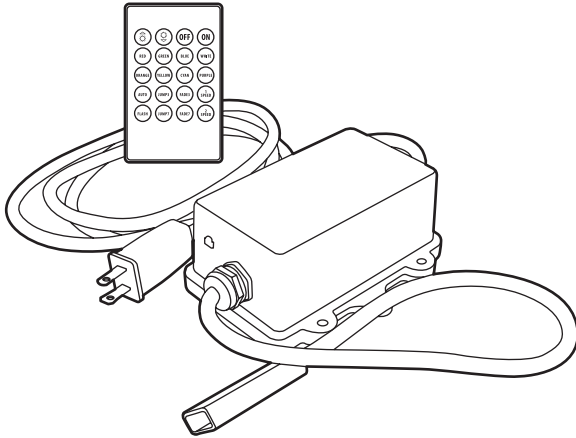D - Six color changing programs
E - Two adjustable speed programs

REMOTE SIZE
Height: 0.25in
Length: 3.31in
Width: 2in

B · C · D — Remote buttons: OFF, ON, RED, GREEN, BLUE, WHITE, ORANGE, YELLOW, CYAN, PURPLE, AUTO, JUMP3, FADE3, SPEED, FLASH, JUMP7, FADE7, SPEED — A · E
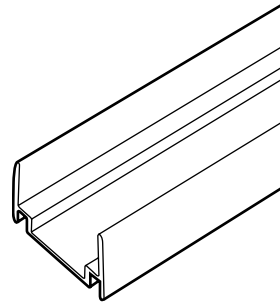
RGB DRIVERLESS 120V AC LED STRIP LIGHT ACCESSORIES
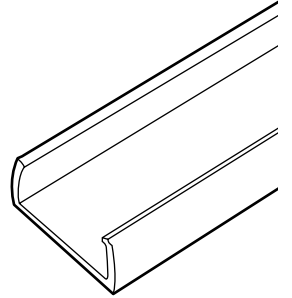
Waterproof RGB Controller

**120V AC Waterproof RGB LED Controller for
RGB Driverless LED Strip Light with IR Remote**
SKU: SA-DLS-RGB-IR-REMOTE-CNTRL-IP65
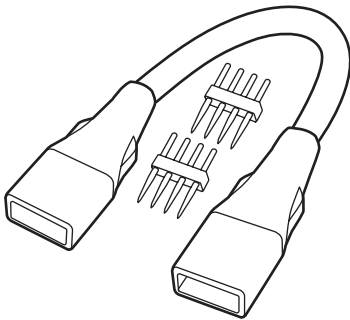
LED Strip Channel

**39" Aluminum Channel for RGB
Driverless LED Strip**
SKU: SA-DLS-RGB-CHANNEL-39in

**39" Plastic Channel for RGB
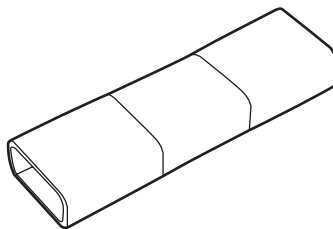Driverless LED Strip**
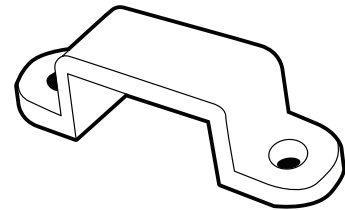SKU: SA-DLS-RGB-PLASTIC-CH-39in

LED Accessories

**5" Interconnector Cable for
Driverless RGB LED Strip Lights**
SKU: SA-DLS-RGB-Interconnector-5in

15" Interconnector Cable
SKU: SA-DLS-RGB-Interconnector-15in

38" Interconnector Cable
SKU: SA-DLS-RGB-Interconnector-38in

**Silicone Joiner for Driverless RGB
LED Strip Lights**
SKU: SA-DLS-RGB-JOINER

**Bracket for Driverless RGB LED
Strip Lights**
SKU: SA-DLS-RGB-BRACKET

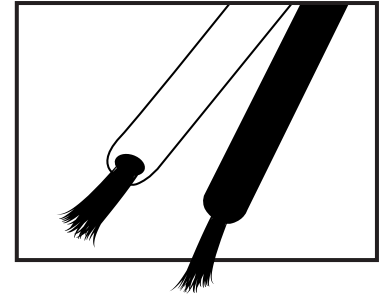# RGB DRIVERLESS 120V AC LED STRIP LIGHT INSTALLATION GUIDE

1. Determine where to install the LED Strip Lights and optional Dimmer.
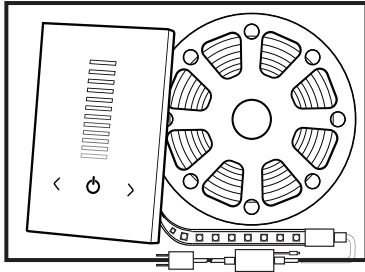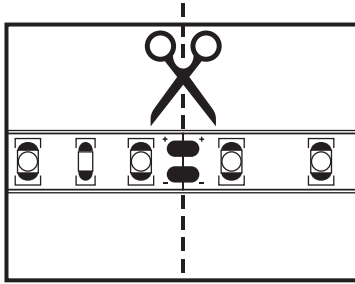
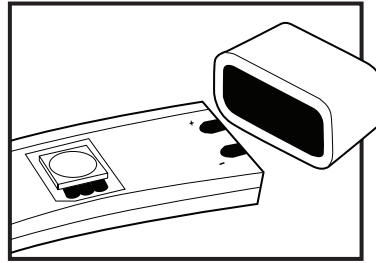**2.** Determine the measurement of area where LED Strip Lights will be placed.
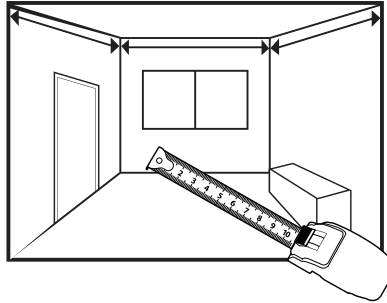
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).
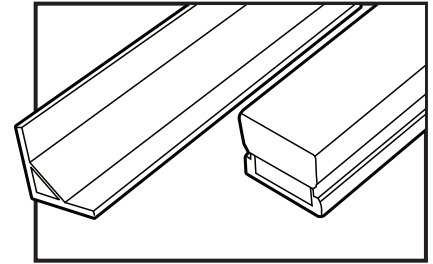
4. A. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.
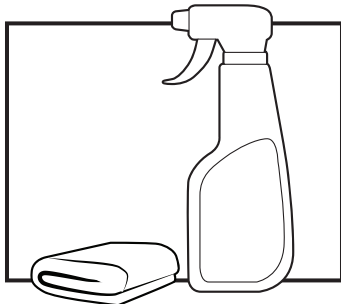
B. If strip is cut, ensure proper re-waterproofing with an Endcap and PVC cement.
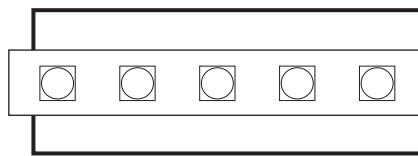
5. If using channels, cut or extend them to fit size of the installation area
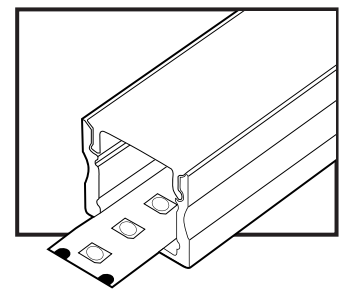
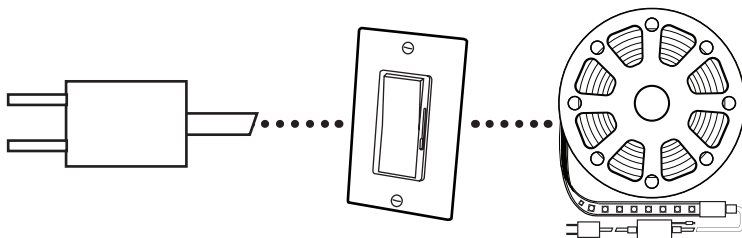**6.** Thoroughly clean the surface where the LED Strip will be mounted.

7. A. Mount the LED Strips on the prepared surface.

B. If using channels, mount the LED Strip in the channel and mount the channel to the desired surface.

8. Complete the connection/wiring between the plug, optional dimmer, and LED Strips.
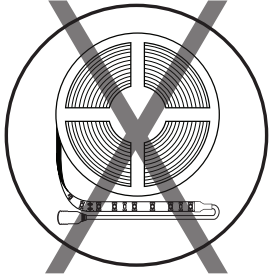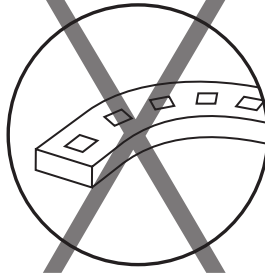
9. Power up and enjoy!

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.
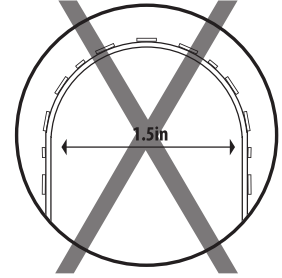
RGB DRIVERLESS 120V AC LED STRIP LIGHT WARNINGS

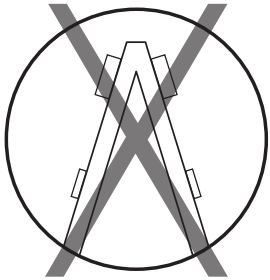**Do not** power LED Strip still coiled in spool.
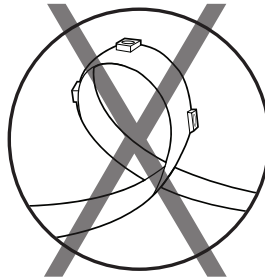
Do not bend LED Strip sideways.

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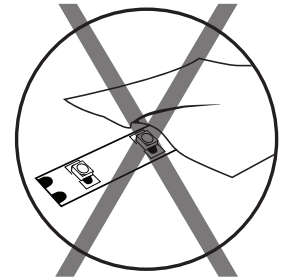
1.5in

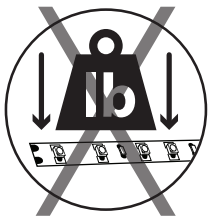**Do not** fold or crease LED Strip.
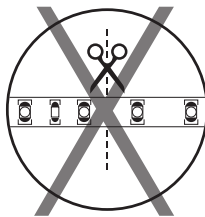
Do not twist LED Strip.

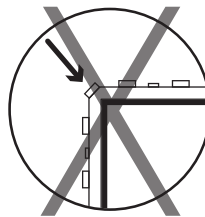**Do not** cover LED Strip with anything other than LED Channel Diffusers.

Do not put direct excessive pressure on the LED surface.
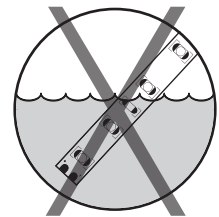
Do not cut LED Strips except at designated cutting points.

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

Do not submerge LED Strip Lights.

RGB DRIVERLESS 120V AC LED STRIP LIGHT SAFETY & WARRANTY

Safety / Disclosures

1. Install in accordance with the proper installation procedure (See pg. 3).

2. Install in accordance with your national or local electrical code regulations.

3. Suitable for wet locations (IP65 Rated).

4. Do not expose to heat more than the specified temperature ratings.

5. Only install with the required 120V AC plug.

6. Use a separate power feed for each recommended maximum run.

7. Only use cables that are certified for use with external connection of electrical equipment and rated for at least 80°C (176°F)

8. Do not mishandle product or modify beyond the guidelines given as this may void product warranty.

9. Only use with the recommended waterproof accessories and ensure complete waterproofing of any modified sections of the strip.

10. Only use the recommended waterproof 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 **RGB** Driverless 120V AC LED Strip Lights come with a 2-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 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*.