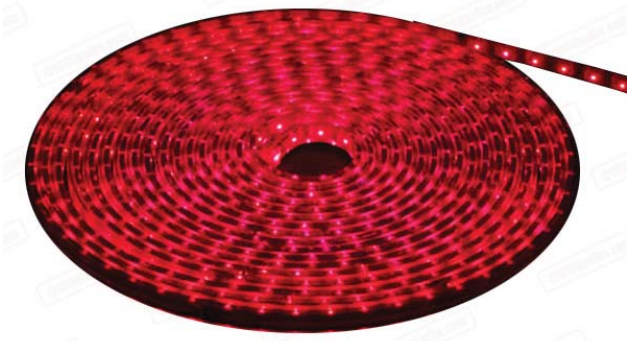
COLORFLEX RGB



General Description:

Colorflex RGB is a low voltage LED lighting in a flexible thin strip encased in a rubber weather resistance coating. Available in red, green, blue, yellow, white colors, including RGB that allows you to change colors with our optional controllers. It's small size and low voltage makes this lighting ideal for a wide range of applications.

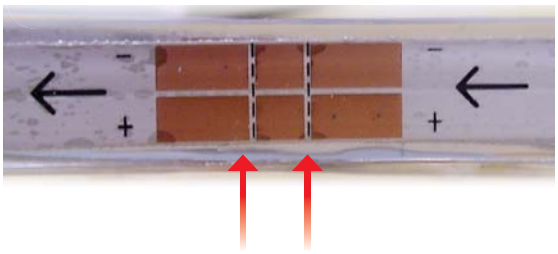
LED Colorflex RGB is a great alternative to expensive RGB Cove Lighting products on the market. Using super bright, tri-color LEDs, color mixing is clean and very vibrant in saturation effects. Great for applications such as architectural decorative lighting, alcove lighting, pond lighting, path lighting and more.

Specification:

- Super Bright RGB LEDs
- Super Bright Tri-Color LEDs
- Solid Color and Color Changing Effects
- RGB Color Mixing for up to 16 Million colors
- Water Submersible
- Pre-Marked Cutting Intervals
- 24VDC
- RGB Control or Remote Control
- 2.4 Watts Per Foot
- Approx. 12 LEDs Per Foot
- UV Protected PVC Tubing
- Rectangular Shape: 0.4 in. x 0.7 in.
- Life Hours: 40,000
- Solid State High Shock/Vibration Resistant
- View angle of up to 105 degrees
- Low energy consumption

COLORFLEX RGB

Cutting Instructions:



CUTTING LINES

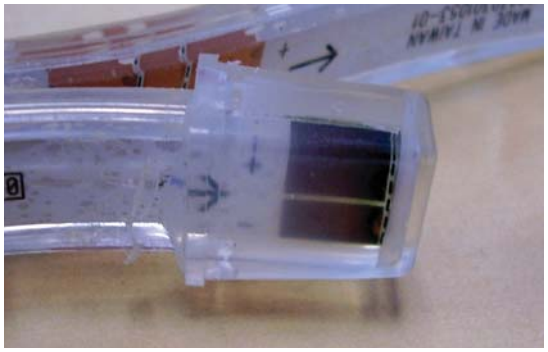
ONLY cut along the noted Cutting Lines.

When cutting this product it is important to **only cut along the noted Cutting Lines**, failure to do so will cause the product not to work. Cutting lines are spaced 7.87 inches (0.2 meter) a part.

1. **Cut the product along the noted Cutting Line.**

2. After cutting the light strand, it is recommended to connect it to an End Cap, Jumper Cable, or Front Power Connector. Then seal the connection with a silicone base sealant.

Connection Instructions:



The following are examples of connecting an End Cap, Jumper Cables (Twin-Head Connector), Front Power Connectors and Mounting Clips to the light strand.

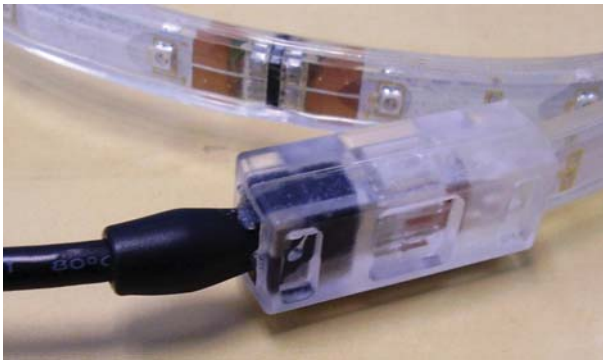
A. End Cap Connection: An End Cap is place at the end of a rope or light strand and can be sealed using a silicone base sealant, which would make the application water resistant.

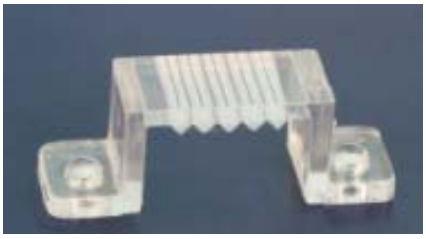
COLORFLEX RGB

Connection Instructions:

B. Jumper Cables (Twin-Headed Connector): Jumpers cables are used to connect two light strands to each others.

C. Front Power Connector: Front Power Connector is used to wire the light strand to a power supply/RGB controller.

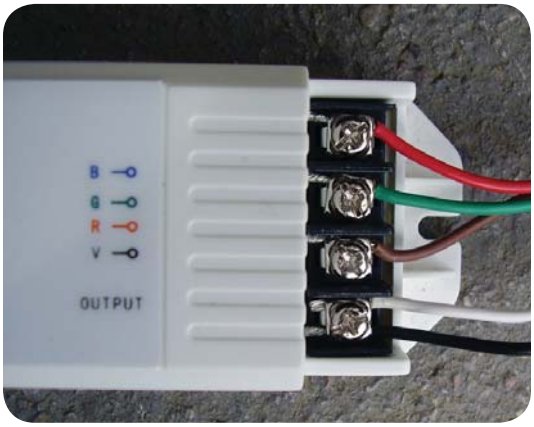




D. Mounting Clips: Mounting Clips are used to attach the strand to a wall or in place.

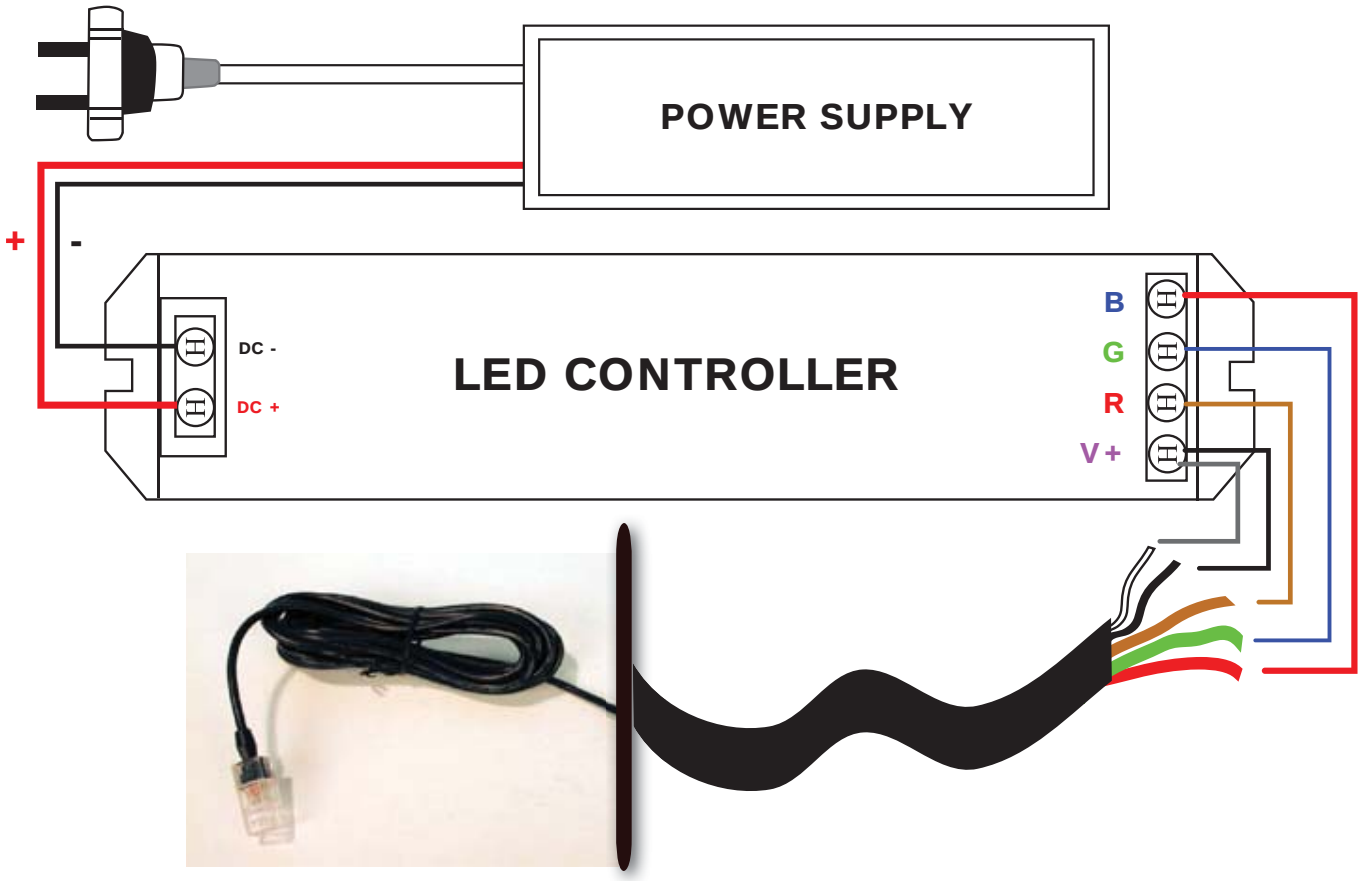
COLORFLEX RGB

Wire Instructions for Colorflex RGB to Screw Terminal Controller:



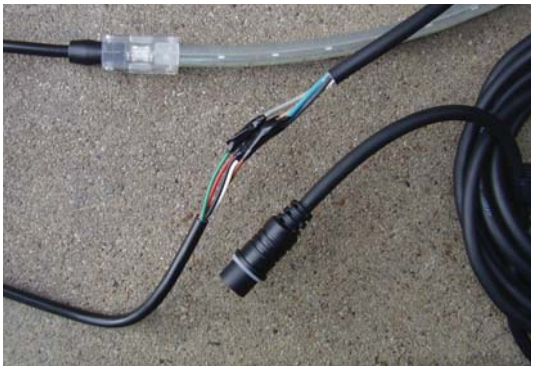
The following is an example of how to wire a Front Power Connector to a RGB Controller with a screw terminal.

1. Connect the **RED** wire to the **BLUE** screw terminal.
2. Connect the **GREEN** wire to the **GREEN** screw terminal.
3. Connect the **BROWN** wire to the **RED** screw terminal.
4. Connect the **WHITE** wire to the **V+** screw terminal.
5. Connect the **BLACK** wire to the **V+** screw terminal.

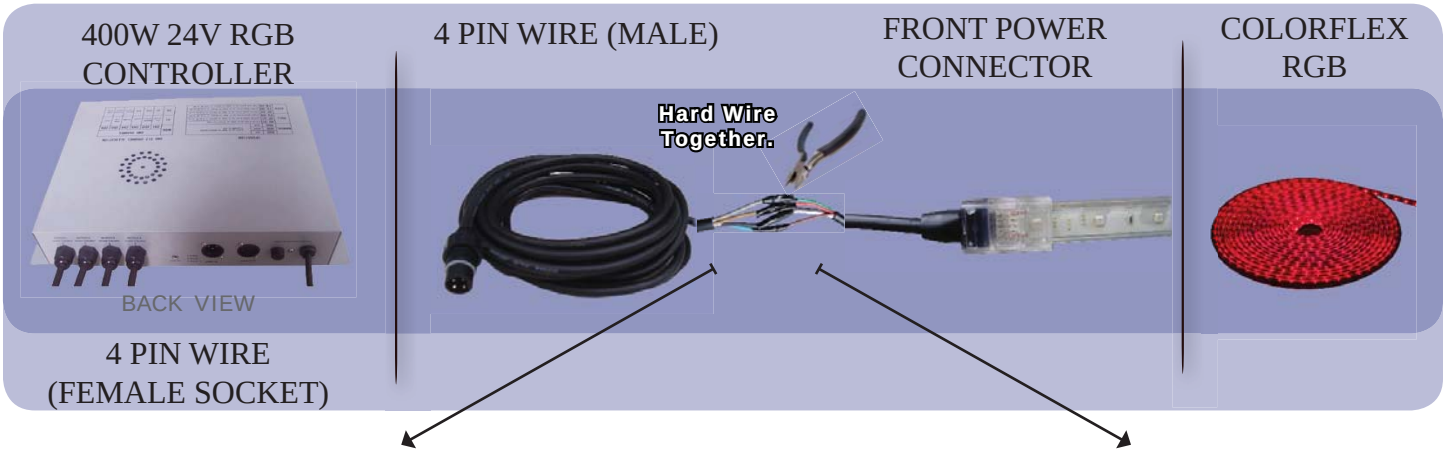


COLORFLEX RGB

Wire Instructions for Colorflex RGB to 4 Pin Wire Cable:



The following is an example of how to wire a Colorflex RGB Front Power Connector to a **4 Pin Wire Cable** in order to have the light application controlled by RGB Controller with a built-in power supply. The **400 Watt 24 Volt RGB Controller and 100 Watt 24 Volt RGB Controller** require a 4 Pine Wire male and female socket hook up.



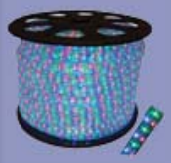
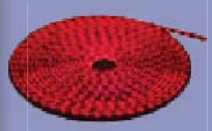
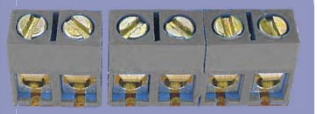
4 Pine Wires connected to the Front Power Connector Wires.

1. Connect the **GRAY** wire to the **GREEN** wire.
2. Connect the **BROWN** wire to the **RED** wire.
3. Connect the **BLACK** wire to the **BLACK** wire and **WHITE** wire.
4. Connect the **BLUE** wire to the **BROWN** wire.

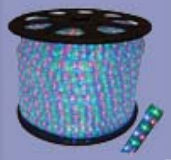
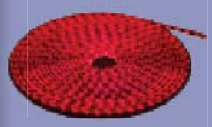
COVE LIGHTING POWER MATRIX

General Description:

The following tables give examples of controllers, which products work with those controllers, the connection method of the terminals, and how much power is needed.

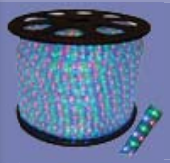
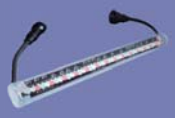
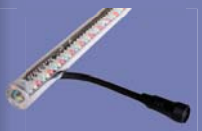
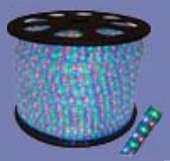
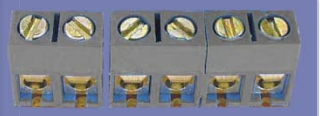
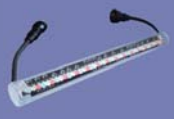
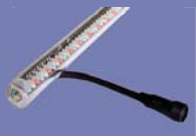
CONTROLLER	POWER	RGB PRODUCT	CONNECTION
 24V 100 Watt DMX Controller	25 Watts Per Terminal	 25' RGB Rope Per Terminal  12' Colorflex Per Terminal	 Screw Terminal

Accessories: Front power connectors, end caps & mounting clips.
Remote controller included with power supply.

CONTROLLER	POWER	RGB PRODUCT	CONNECTION
 24V 400 Watt DMX Controller	100 Watts Per Terminal	 100' RGB Rope Per Terminal 400' Total  33' Colorflex Per Terminal  20 Of The Colorcove 12 Per Terminal  8 Of The Colorcove 39 Per Terminal	 Hard Wire

Accessories: Front power connectors, end caps, mounting clips and leader cables.

COVE LIGHTING POWER MATRIX

CONTROLLER	POWER	RGB PRODUCT	CONNECTION
 RGB Remote Controller	150 Watts Transformer	 150’ RGB Rope Per Terminal	 Screw Terminal
		 50’ Colorflex Per Terminal	
		 30 Of The Colorcove 12 Per Terminal	 Hard Wire
		 12 Of The Colorcove 39 Per Terminal	
	240 Watts Transformer	 164’ RGB Rope Per Terminal	 Screw Terminal
		 65’ Colorflex Per Terminal	
		 48 Of The Colorcove 12 Per Terminal	 Hard Wire
		 19 Of The Colorcove 39 Per Terminal	

Accessories: Front power connectors, end caps and mounting clips.
Leader cables for Colortube 12 & 39.