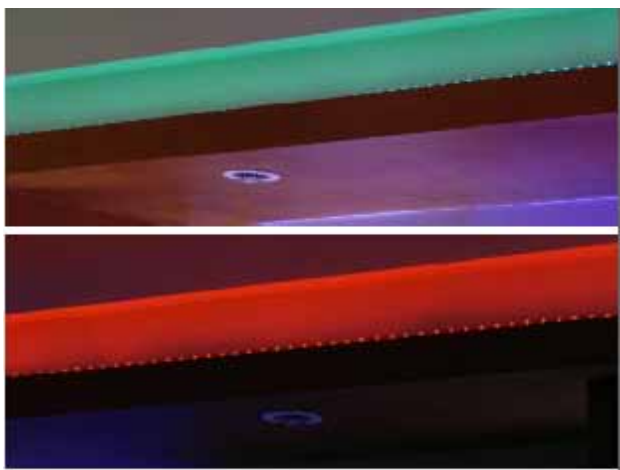


COLORFLEX RGB



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

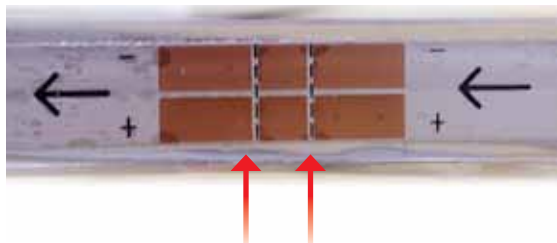
Solid State High Shock/Vibration Resistant

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.

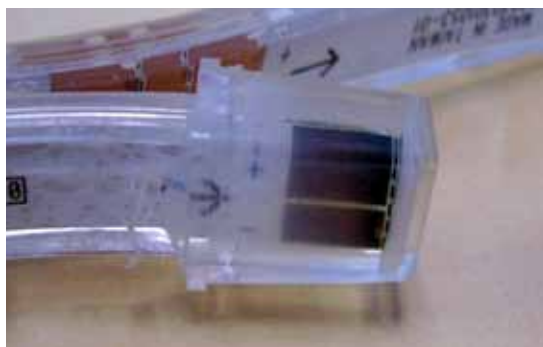
- 1. Cut the product along the noted Cutting Line.**
2. After cutting the light strand, it is recommended to connect it to an End Cap, Jumper Cable, or Front Power Connector. Then seal the connection with a silicone base sealant.

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 placed 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

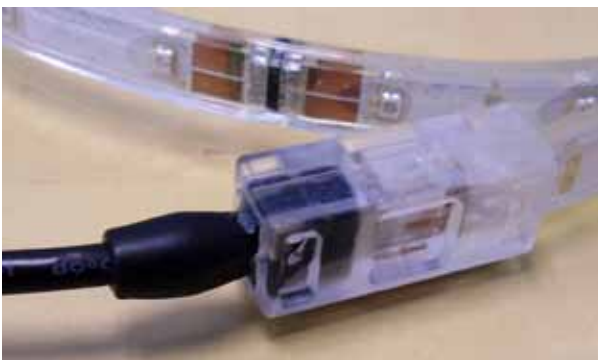
Connection Instructions:



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.

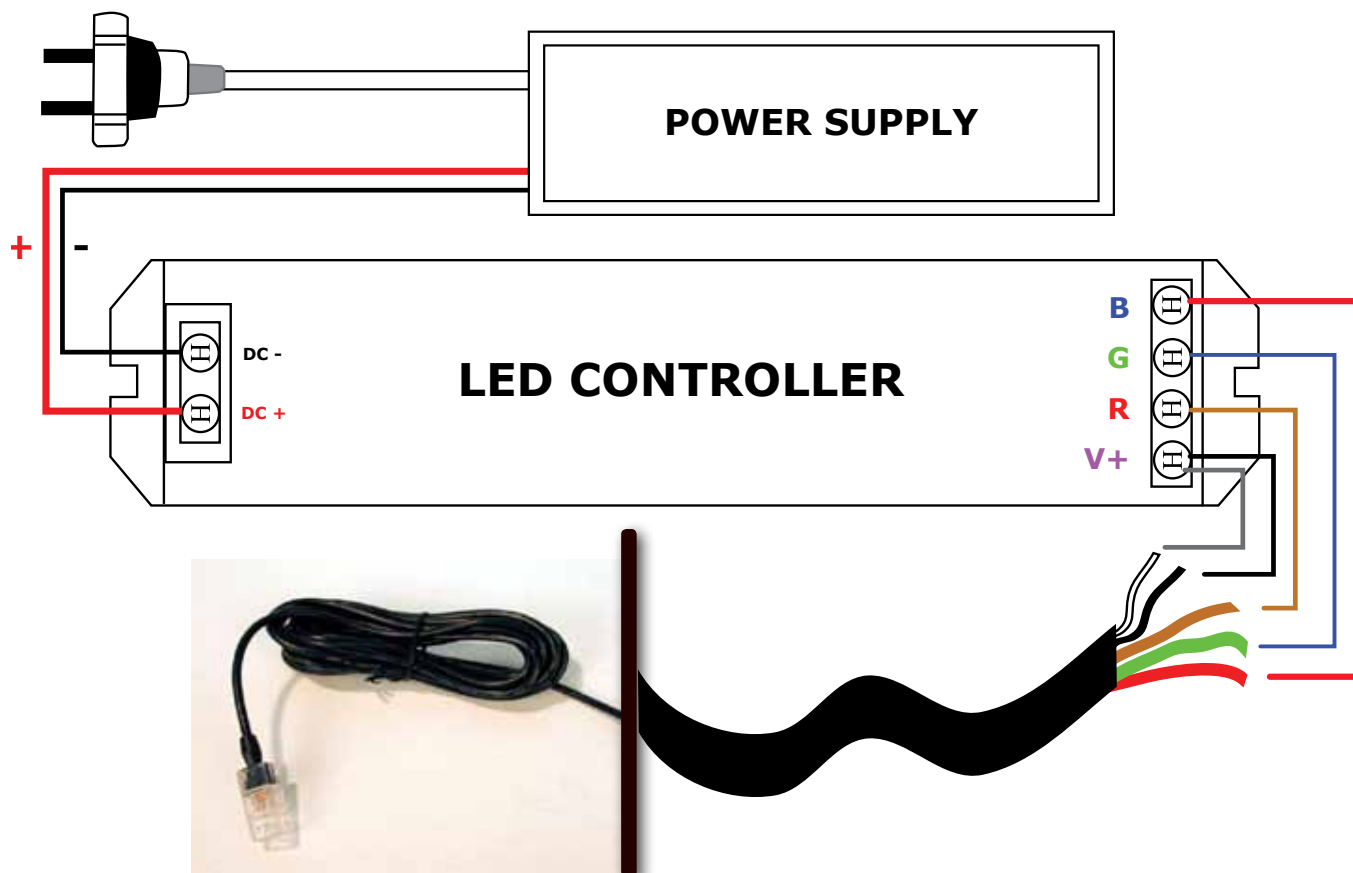
COLORFLEX RGB

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.

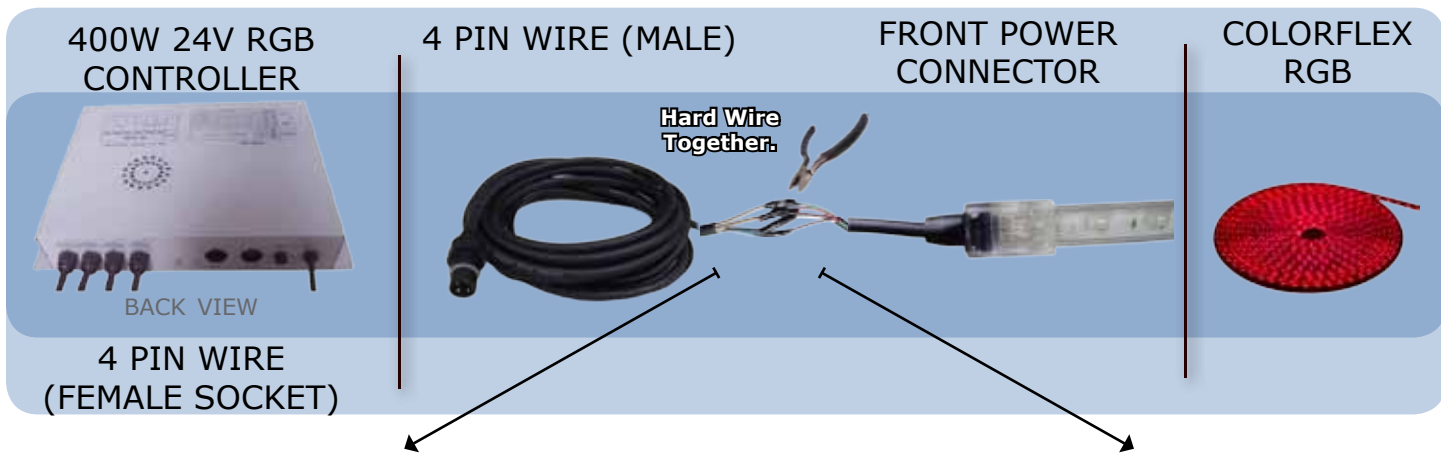


COLORFLEX RGB

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 Pin Wire male and female socket hook up.



4 Pine Wires connected to the Front Power Connector Wires.



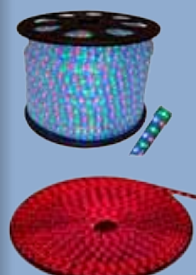

1. Connect the **GRAY** wire to the **GREEN** wire.
2. Connect the **BROWN** wire to the **RED** wire.
3. Connect the **BLACK** wire to the **BLACK** wire and **WHITE** wire.
4. Connect the **BLUE** wire to the **BROWN** wire.





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.



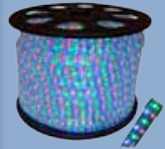


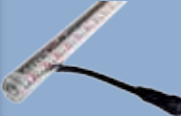

CONTROLLER	POWER	RGB PRODUCT	CONNECTION
 <p>24V 100 Watt DMX Controller</p>	 <p>25 Watts Per Terminal</p>	 <p>25' RGB Rope Per Terminal</p> <p>12' Colorflex Per Terminal</p>	 <p>Screw Terminal</p>

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

Wiring the ColorFlex RGB Front Connector to the 100 watt controller.

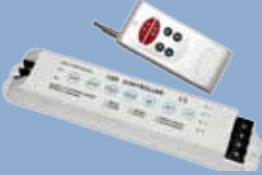

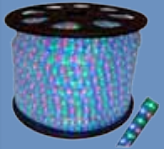






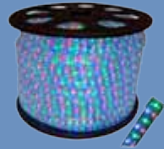


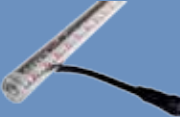


1. Connect the **GREEN** wire to the G terminal.
2. Connect the **RED** wire to the R terminal.
3. Connect the **BLACK** wire and **WHITE** wire to the V terminal.
4. Connect the **BROWN** wire to the B terminal.

Note: Numbers (1,2,3,4) on the controller terminals represent the outputs on the controller.

CONTROLLER	POWER	RGB PRODUCT	CONNECTION
	 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.

150 WATT 24VDC ELECTRONIC TRANSFORMER

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

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