



WARNING! These lights use high voltage. Handle with care. Failure to correctly handle or install this lighting product can result in fire, electrocution, and death. All connections must be sealed when used outdoors or in damp locations. The following instructions are suggested installation procedures only. Brilliant Brand Lighting assumes no liability for problems, damages, injuries, or expenses that may occur from misuse, mishandling, improper installation, or product failure. These instructions do not constitute professional installation and may not meet electrical requirements in your state. If you are uncomfortable with any of these procedures, please contact a licensed electrical contractor.

PLC RGB LED ROPE LIGHT INSTRUCTIONS

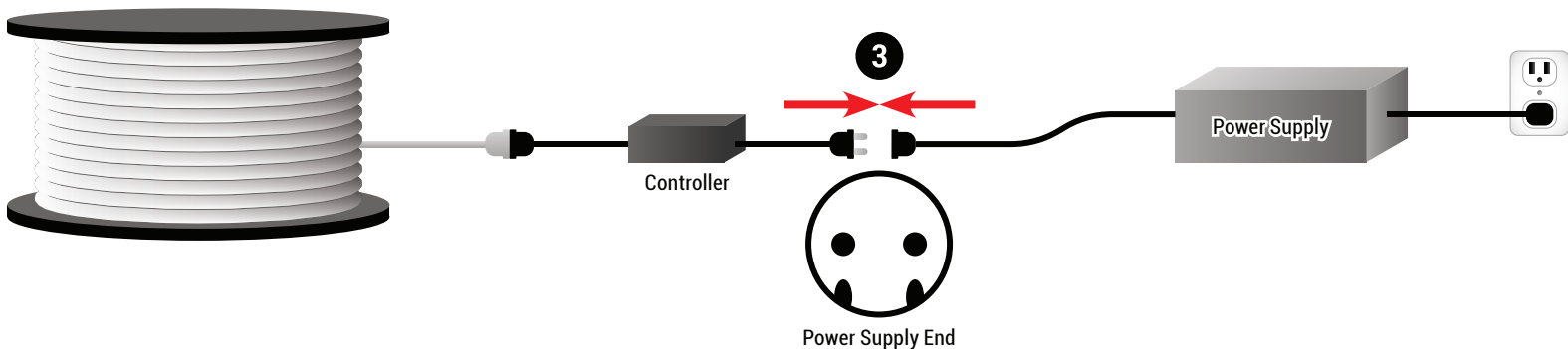
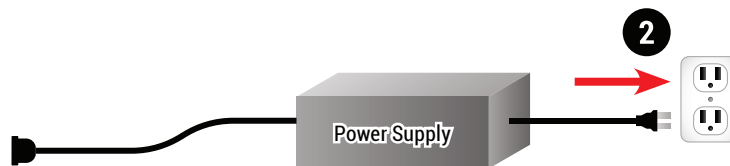
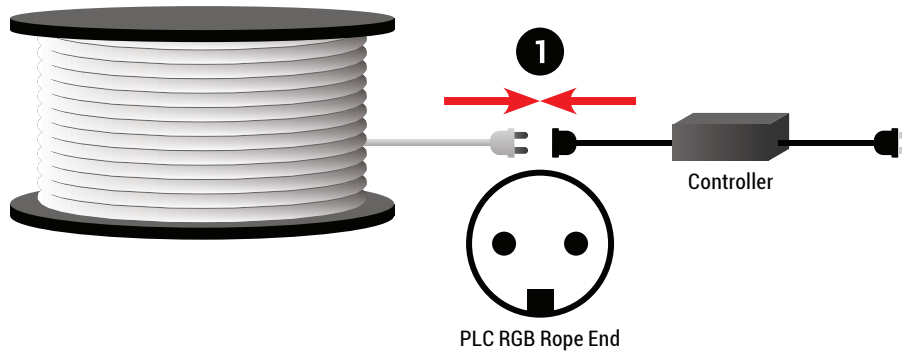
RF Remote Control Guide & Troubleshooting Tips on back



WARNING! When not in use the power supply should be disconnected from the main power source. PLC RGB LED Rope Lights are not cuttable and can not be connected in series.

COMPONENT ASSEMBLY INSTRUCTIONS - must be connected in this order:

- 1 Attach the rope light power cord to the RGB controller by aligning the notch and screwing connection tight. Repeat for second spool if necessary.
- 2 Plug the power supply into a standard 120V AC outlet.
- 3 Attach the RGB controller to the power supply by aligning the notches and screwing connection tight. Repeat for second spool if necessary.



WARNING: When using PLC RGB LED rope lighting outdoors, waterproof PVC or silicone is required to seal all end caps. NOTE the use of any non-recommended sealant e.g. electrical tape, may result in a rope light or rope light accessory failure and will void the warranty.



WARNING: LED lights produce excessive heat operating while spooled. Fully unspool all LED lights before operation. Failure to do so may result in damage to the lighting and or property.

PLC RGB LED ROPE LIGHT RF REMOTE GUIDE



ON/OFF Buttons:

Use **O** to turn the controller on.
Use **—** to turn the controller on.
Controller will start on last setting selected.

Color Wheel:

Touch to select a static color.

Mode List:

1. **Static Color**
Solid color, select by touching color ring - brightness adjustable.
2. **3 Color Chasing**
speed adjustable
3. **3 Color Chasing - Reverse**
speed adjustable
4. **3 Color Chasing with Twinkle**
speed adjustable
5. **Steady Red, Green, Blue with Twinkle**
speed adjustable
6. **Steady Red with Single White Chasing**
speed adjustable
7. **Fill Chase with Blinking White**
speed adjustable
8. **Red Fill Chase**
speed adjustable
9. **White Fill Chase**
speed adjustable
10. **Red, Cyan, White Chasing**
speed adjustable
11. **Red, Cyan, White Fill Chase**
speed adjustable

Sun + Button:

Use to increase brightness on static colors.

Sun - Button:

Use to decrease brightness on static colors.

Speed + Button:

Use to increase effect speed.

Speed - Button:

Use to decrease effect speed.

Mode + Button:

Use to select a lighting effect.

Mode - Button:

Use to select a lighting effect.

PLC TROUBLESHOOTING TIPS:

Power on:

1. Make sure the controller is connected to the lights.
2. Plug controller into the power supply
3. Plug power supply into outlet
4. Turn lights on with remote

Power Off:

1. Unplug the power supply and then press the off button on the controller to thoroughly power off lights.
2. The power supply should not be left plugged in when not in use. This will help to ensure the power supply does not get too hot and will function properly when the lights are plugged in.

** NOTE: When the external temperature of the power supply is 45 degrees C (113 degrees F) it will not function. In this instance, please wait for the power supply to cool down before using again.

Troubleshooting:

1. Due to the nature of these lights (they use a digital signal transmission) it is possible for bulbs to become unsynchronized (not light up with correct color/not light up at all). To fix this, unplug the power supply and wait for 2-3 minutes and try again.
2. If remotes are acting strange or not sending signals, change the batteries and try again.
3. Make sure to use one finger to gently touch the color wheel and modes on the remote, otherwise multiple buttons can be pushed at the same time. This can cause no change to the lights or changing it to a mode that was not intended.