



**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.

## SMD LED NEON ROPE LIGHT INSTRUCTIONS

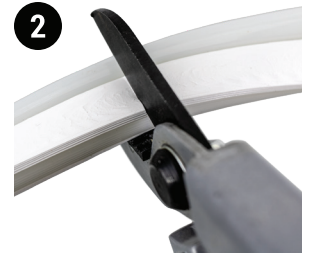
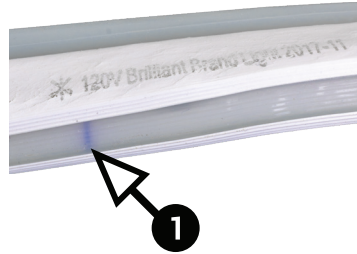
### CUTTING INTERVALS:

The length of your LED rope light is customizable and may be cut to size in specific intervals only. Can't find the mark? For more info on cutting intervals please contact your supplier.

Never attempt to cut or install other accessories while LED rope lights are plugged in to a power source.

**1** Using the cutting interval length, measure from the power cord connection or the end of your rope light you will find a scissor icon that indicates where to make your cut.

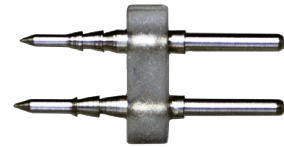
**2** Use Brilliant Brand rope light cutters or other heavy duty shears to make a perpendicular cut where the cut mark is located.



**WARNING:** When using rope lighting outdoors, waterproof PVC or silicone is required to seal all connections, power cords, and 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.

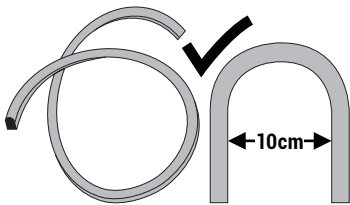
### CONNECTING ACCESSORIES:

- 1** Line up the sharp prongs of the power connector with the rope light wires.
- 2** Gently insert power connector into the end of the rope light until it is secure. Inserting the power connector until the plastic bar touches the rope light is neither required or recommended.
- 3** Optional: Use PVC or silicone sealant to secure and/or waterproof all connections.
- 4** Insert rounded prongs of power connector into the accessory.
- 5** Attach an end cap to end of the rope light run. (If not previously installed)

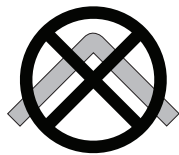


Always insert sharp pins into rope light and rounded pins into accessories.

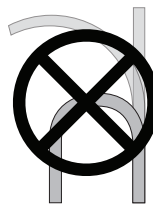
**NOTE:** LED neon rope lights are polarized. The internal rope light wires, accessories, and pins are offset to 5 one side and can not be reversed to achieve proper alignment. Ensure that the offset between the rope light and accessory match before installing to avoid any installation delays.



To avoid damaging LED Neon rope lights ensure that any bending or curves have a diameter of greater than 10cm.



Do not bend LED Neon rope lights at sharp angles, this will damage the internal circuitry and void the warranty.



Repeated and continuous bending of LED Neon rope lights may damage the internal circuitry and void the warranty.

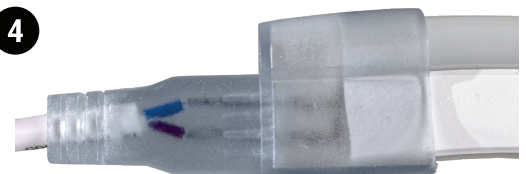
**1**



**2**




**4**



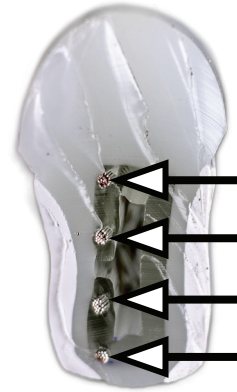
**WARNING:** LED lights produce excessive heat operating while spooled. Fully unspool all LED lights before operation. Failure to do so may result in damage to the lighting and or property.

### INSTALLING RGB POWER CONNECTOR:

All 4 pins must be inserted correctly for safe and correct operation of the rope light.

 Never attempt to cut or install other accessories while LED rope lights are plugged in to a power source.

**1** Locate and identify each of the 4 wires in the RGB LED neon light.



**2** Align the pin on one of the sides of the connector with corresponding wire on the RGB LED neon light. Note the pins and wires are offset and must be aligned before they are inserted.



**3** Gently insert the first pin partially into the RGB LED neon light making sure to make a solid connection with the internal wire.



**4** Repeat step 3 with the remaining pins starting with the next adjacent pin to the one previously inserted. Note if the pins do not make a solid connection with the internal wire the RGB LED neon light will not function properly.



**5** After all pins have been inserted and have made a solid connection continue to gently insert the pins into the RGB LED neon light until it becomes difficult to do so, making sure that all pins are inserted evenly. Note the pin does not need to be fully inserted so that the plastic on the pin makes contact with the rope light.



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