

## Rope Light Installation Instructions

The following guide is intended to offer some basic installation instructions for the do-it-yourselfer. The following procedures are recommended installation procedures only. Creative Lighting Solutions, LLC. assumes no liability for problems that may occur from improper installation. This guide does not constitute professional installation and may not necessarily meet all electrical requirements in your state. If you are uncomfortable with any of these procedures please contact a professional. If you have additional questions please feel free to call us at 1-877-877-2340.

### Cutting Your Rope Light

Cut your rope light to your desired length for any application.

Rope lights are cuttable in specific intervals only. These vary depending on the number of wires your rope light contains. The most common is the LED 2-wire rope light which is cuttable in 36 inch intervals. A careful examination of the exterior of the rope light casing will reveal tiny scissor or dotted line icons. These icons mark the increment where it is safe to cut your rope light. First, calculate the interval that will work for your application. For our 2-wire example with a cutting interval of 36" this can be done by taking the number of feet you need, multiplying by 3 and then dividing by 36.



To cut, use a pair of scissors or garden clippers to cut the rope lighting at the scissor mark. Be sure to make a clean vertical cut to avoid a short. Now bend the rope light to the left and to the right and trim off any excess wire that might protrude. You are now ready to attach a power cord.

***Important: Failure to cut at the marked interval will result in damage to your rope lights.***

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### Power Cords & Connectors

Power cords connect your rope lights to a standard wall outlet.

***Caution: Never attempt to install accessories while your rope lights are plugged in.***

First connect the power connector to the power cord and tighten the threaded fastener. This makes for easier handling on the next step.



Slide the threaded fastener onto the piece of rope light to be connected. Now firmly push the sharp prongs of the power connector into the wires on the exposed end of rope light until it stops and is fully seated in the connector.



Tighten the threaded fastener securely.

Test your rope light by making sure there is nothing touching the exposed end and briefly plug the cord into an outlet. Your rope light should light. If not, reverse the prongs in the end of the rope light and test again.



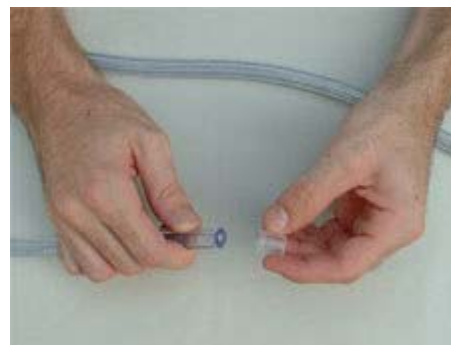
*Optional: Seal with PVC vinyl adhesive for extremely wet areas.*

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## Applying End Caps

End caps are required to finish off or terminate a run of rope lights.

Cover the exposed, cut end of the rope light run with an end cap.



Simply press the end cap on the exposed end of rope light until it stops. For a permanent water-tight connection, we recommend using our PVC Rope Light Glue to glue your end cap. Shrinkable tubing is also recommended to protect the end and help secure the cap until the glue dries.



*Optional: Seal with PVC vinyl adhesive for extremely wet areas. Use Shrinkable Tubing over the end cap and rope. Shrink the shrinkable tube with a heat gun along with the glued on cap!*

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## Using Inline Splice Connectors

Splice connectors are used to connect or lengthen two pieces of rope lighting or for repairing a burned out section.

First slide the threaded fasteners on both sections of the rope light to be connected.



Firmly press the sharp pins into the wires of one section of the rope light and tighten the threaded fastener.



Repeat this process for the opposite end or section.



*Optional: Seal with PVC vinyl adhesive for extremely wet areas.*

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## Using Invisible Splice Connectors

Invisible splice connectors are similar to in line splice connectors with a much less noticeable joint.

Slide the shrink tubing over one section of the rope lights you are about to join. Now push the pins of the connector into both ends of rope light and slide the shrink tubing so that it covers the connection evenly.



Use a hairdryer or heat gun to apply heat to the shrink tubing and allow it to tighten over your splice and create a seal.



The finished joint is nearly invisible.



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## Installing T Connectors

T connectors are used to add a 2 separate sections of rope lighting perpendicular to another piece of rope light.

To apply a T-Connector you first need to slide your threaded fastener over the exposed end of rope light. Then press the sharp pins of the T connector into the wires of the rope light until it stops. Tighten the threaded fastener securely.



Repeat the same steps for the other two sides of the T connector.



*Optional: Seal with PVC vinyl adhesive glue for extremely wet areas.*