

# LED Rope Light

## Safety instructions for 12V and 24V

**WARNING:** These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes and/or the current National Electric Code (NEC). Use this fixture only with factory recommended power cords that are supplied with the reel and only with 12V power supplies for RL-LED-(color)-12V-150 reels and 24V power supplies for RL-LED-(color)-24V-150 reels. Any other power source or feed may damage the product.

### IMPORTANT SAFETY INSTRUCTIONS -

Read all instructions and save for reference.

1. Do not cover this product with anything that impedes the necessary heat dissipation. Covering may cause the Rope Light to overheat and melt or ignite.
2. Do not place Rope Light in a groove or routed channel.
3. Do not plug in or operate the Rope Light if it is tightly coiled.
4. Do not route the cord or cable through walls, doors, windows or any like part of a building structure.
5. Do not use if there is any damage to the Rope Light's outer PVC housing or the cord's insulation. Inspect Rope Light before use and periodically for any damage to PVC and cords.
6. Do not submerge Rope Light in liquids, or use the product in the vicinity of standing water or liquids.
7. Secure Rope Light using only the mounting clips provided. Do not secure this product or its power cord with staples, nails or like means that can damage the outer PVC housing or the cord's insulation. Discard any Rope Light that has a broken outer jacket or frayed wire insulation.
8. Do not subject Rope Light to continuous flexing. Do not install Rope Light on gates or doors.
9. All units must be disconnected from power during installation and before adding additional length, splicing or repairing in any way.
10. Do not exceed the maximum run length of 30 feet for 12V LED Rope Light and 60 feet for 24V LED Rope Light.
11. Do not install inside closed-door cabinets or sealed enclosures where heat cannot dissipate when Rope Light is on. Do not install above or inside fish tanks.
12. For outdoor applications, ensure that all connections and end cap are properly sealed with dielectric grease and shrink tube to preclude the entrance of water.



**Warning—**When using outdoor rated portable lighting products, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

1. Use silicone and shrink tube at all power connections including end cap when using outdoors.
2. Use Ground Fault Circuit Interrupter (GFCI) protection on the circuit(s) or outlet(s) when using outdoors.

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Safety instructions for 12V and 24V

## CUTTING ROPE LIGHT (See Figure 1)

NOTE: Do not exceed 30 foot maximum run distance in any single run of 12V LED Rope; do not exceed 60 foot maximum run distance in any single run of 24V LED Rope!

1. Determine the required length for Rope Light.
2. Cut the Rope Light at the end/beginning of the nearest series increment. NOTE: Rope Light is wired in series parallel and every 3" comprises a series increment for 12V LED Rope; every 6" comprises a series for 24V LED Rope. Cutting anywhere other than the end/beginning of a series increment will result in a loss of 3" or 6" (total) of light. See Figure 1.
3. Attach power connector to cut Rope Light section per Figure 2.
4. Attach the plastic cap on the other end of the length of Rope Light by pressing firmly until seated. For outdoor applications, use dielectric grease inside the end cap before attaching and seal the connection with heat shrink tube.

## INSTALLING ROPE LIGHT

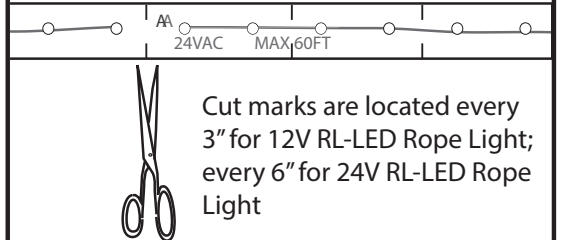
1. Attach mounting clips with nails or screws onto wooden surfaces. Be sure that surface is mechanically sound. See Figure 3.
2. For best results, mounting clips should be evenly spaced and be a maximum of 12 inches apart.
3. Make sure that the distance between any two lines of Rope Light is at least 1/2".
4. Gently press rope light into clips so that it snaps into place.

## PROP 65 WARNING

Handling the coated electrical wires of this product exposes you to lead, a chemical known to the State of California to cause cancer, birth defects and other reproductive harm.

WASH HANDS AFTER USE.

Figure 1



Cut marks are located every 3" for 12V RL-LED Rope Light; every 6" for 24V RL-LED Rope Light

Make sure power is off at source before cutting!

Figure 2

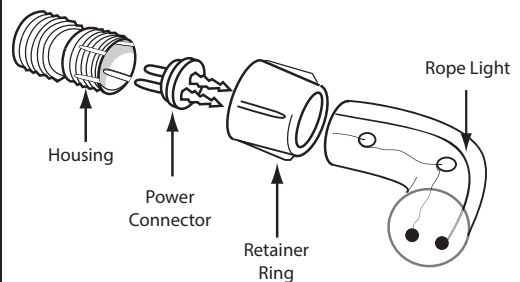


Figure 3

