

288 FOOT LED ROPE LIGHTING INSTALLATION AND OPERATING INSTRUCTIONS

lighting, first draw the design in pencil on the surface (wall, tree, etc.) or on a large piece of paper. Then install the mounting clips, or bend the heavy solid wire to the shape on the paper per the installation instructions above. Then attach the rope lighting to the mounting clips. If attaching to the heavy wire, follow directions in Step 2 of "Installing Rope Lighting" above.

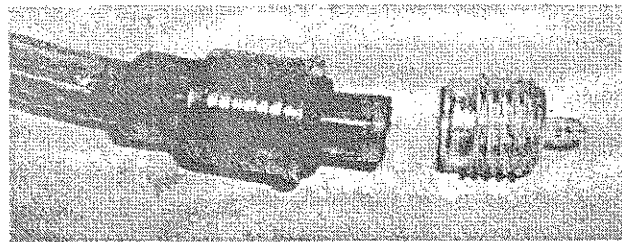
The rope lighting can also be hung between lawn stakes found in home and garden stores to create a swag effect.

Connecting Additional Rope Lighting Sets

Several rope lighting sets may be connected together to form a single rope light string of up to 300 feet (91.44m) by following the instructions below:

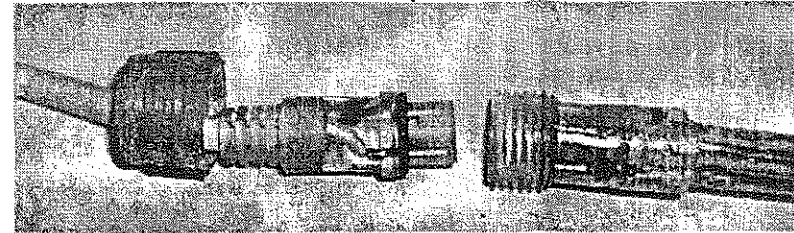
- 1) **WARNING – Risk of electric shock:** Unplug all rope light sets before starting. Unplug by grasping plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.
- 2) Unscrew the plastic ring from end of 1st rope light (see figures below) and remove cap from end as shown. The female portion of the power connection is now exposed on the 1st rope light. Be sure that the rubber o ring stays in place. Note that the removed cap will not be used on the new longer rope lighting string. You may want to keep the cap and insert for future use.

Step 2



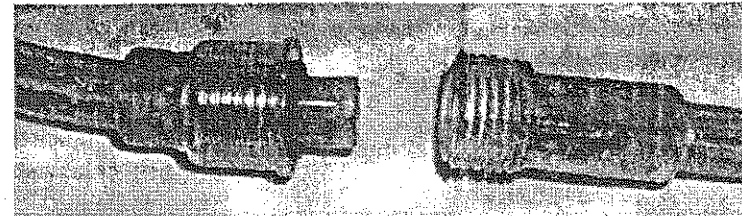
- 3) Unscrew plastic ring on power cord of 2nd rope light, pull power cord away from rope light. The male portion of the power connection is now exposed on the end of the 2nd rope light where the power cord used to connect. Note that the power cord removed from the 2nd rope light set will not be used in the new longer rope lighting string. You may want to keep the power cord for future use.

Step 3

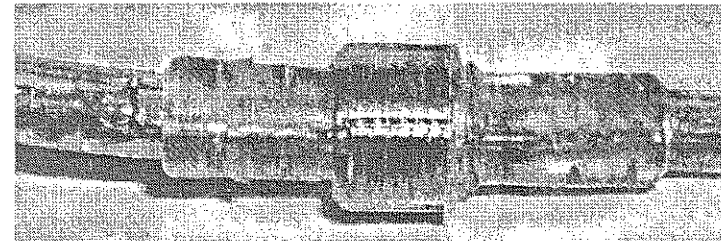


- 4) Push female end of 1st rope light into male end of 2nd rope light as far as possible.

Step 4



Step 5

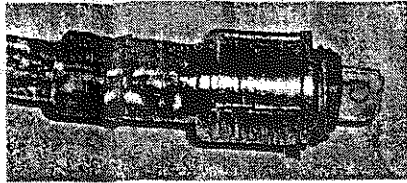


- 5) Screw plastic ring from 1st rope light onto threads of 2nd rope light, drawing the two pieces together tightly. Be sure to screw plastic ring onto 2nd rope until completely tight.
- 6) Place new longer rope light on the ground, plug power cord into power source and verify that 2nd rope light section lights up.
- 7) If 2nd rope light section doesn't light up, unplug power cord from power source, unscrew plastic ring on 1st rope light and re-connect male and female connectors of 1st and 2nd string per step 5. Be sure that female connector is pushed over 2 prongs of male connector before screwing ring back on.

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- 8) Make sure that all connections and plastic end cap is tightly secured and all rubber o rings are present to prevent the entry of water.

Step 8



- 9) Repeat steps 1-8 if you wish to add additional rope light sets. Be sure not to connect more than 300 feet (91.44m) total length.

Fuse Replacement

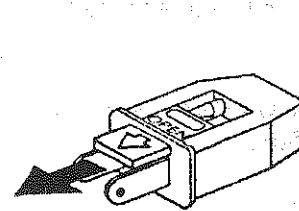
If the fuse blows:

1. First make sure that the maximum length of rope light does not exceed 300 feet (91.44m). If it does, disconnect the sections of rope light causing it to exceed this length.
2. If the fuse repeatedly blows, and the rope length does not exceed the maximum, there may be a short circuit, discard the section that causes the fuse to blow.

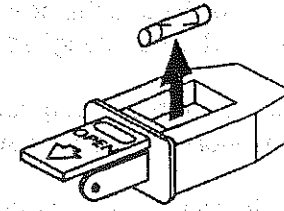
How to Replace the Fuse

- 1) Grasp plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.
- 2) Open fuse cover by sliding fuse access cover on top of attachment plug towards blades (see diagram)
- 3) Remove old fuse carefully (see diagram).
- 4) **Risk of fire:** Replace fuse only with 5 Amp, 125 Volt fuse (provided with product).
- 5) Set new fuse in holder (see diagram).
- 6) Close fuse cover by sliding fuse access cover on top of attachment plug to closed position (see diagram)
- 7) If the fuse repeatedly blows, there may be a short circuit, discard product.
- 8) **Risk of fire.** Do not replace attachment plug. Contains a safety device (fuse) that should not be removed. Discard product if the attachment plug is damaged.

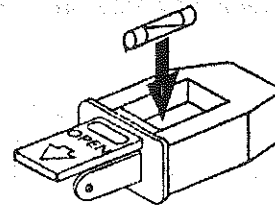
Fuse Replacement Illustration



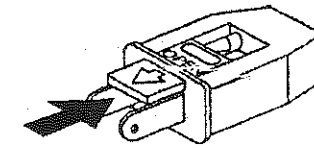
STEP 2



STEP 3



STEP 5



STEP 6

Storage

When not in use, store in a cool, dry location protected from sunlight.

Model: GVL-13-1728/48F

Input: 120V 60HZ 0.96A 115.2W

Fuse Rating: 5 Amp, 125Volt

E338726

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IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic precautions should always be followed including the following:

1) READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- 2) Do not cover this product as the covering may cause the flexible light to overheat and melt or ignite.
- 3) Do not operate with the flexible light tightly coiled.
- 4) Do not puncture, cut, shorten, or splice the flexible lighting.
- 5) Do not route the cord or flexible lighting through walls, doors, windows or any like part of the building structure.
- 6) Do not use if there is any damage to the light or cord insulation. Inspect periodically.
- 7) Do not submerge flexible light in liquids, or use the product in the vicinity of standing water or other liquids.
- 8) Secure this flexible light cable using only the hangers or clips provided. Do not secure this product or its cord with staples, nails, or like means that may damage the insulation or permanently attach to the building structure.
- 9) Do not subject flexible lighting to continuous flexing.
- 10) Do Not Exceed The Length in Feet Permitted By The Marking.
- 11) This product has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug, if it still does not fit, contact a qualified electrician. Do not use with an extension cord unless plug can be fully inserted. Do not alter or replace the plug.
- 12) Do not leave rope lighting unattended while plugged in.
- 13) Hot surface, do not touch rope while lit, allow rope to cool first.
- 14) Completely remove rope lighting from all packaging before plugging in.
- 15) Do not let rope contact drapes, carpeting, upholstery, bedding, or other similar materials.

- 16) Disconnect power before adding segments / extending rope and read instructions before extending / adding segments.
- 17) Ensure all connections and the end cap on the last segment are tightly secured to preclude the entry of water.
- 18) Do not exceed a maximum total length of 300 feet (91.44m) of rope lighting when extending.
- 19) Do not attempt to replace bulbs.
- 20) This is an electric product that should be kept away from children. Do not mount or place in children's rooms, nurseries, or play areas. This product is not a toy.
- 21) Do not use this product for other than its intended use.
- 22) Before using or reusing, inspect product carefully. Discard any products that have cut, damaged, or frayed wire, cord, or rope body (tube) insulation, loose connections, cracked enclosures, or exposed wire.
- 23) Do not operate with the rope lighting tightly coiled around objects.
- 24) Replace fuse only with same size and rating as marked on the plug.
- 25) Do not replace fused attachment plug. Discard product if the attachment plug is damaged
- 26) Do not install or touch rope lighting when plugged in. Completely install or uninstall rope before plugging in.
- 27) Do not mount or position other lighting or halogen lights near rope lighting.
- 28) Do not mount, locate, or support rope lighting around sharp objects or where plastic insulation (tubing) can be cut or abraded.
- 29) Do not mount or locate rope lighting where it can be pinched (such as through a door or window opening), or stepped on.
- 30) Do not mount or place near gas or electric heaters, fireplaces, candles, radiators, barbeques, or other sources of heat.
- 31) Do not mount or place near swimming pools, spas, tubs, or anywhere water may accumulate.
- 32) Do not glue or permanently mount rope lighting to any surface (only use included mounting clips).
- 33) Do not hang ornaments or other objects from the rope lighting.
- 34) When installing, use one mounting clip per foot of rope light.

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

Read All Instructions

- a) Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuits or outlet to be used for the outdoor use flexible lighting product. Receptacles are available having built-in GFCI protection for this measure of safety.
- b) Use only outdoor extension cords, such as type SW, SOW, STW, STOW, SJW, SJOW, SJTW, or SJTOW. This designation is marked on the wire of the extension cord.

SAVE THESE INSTRUCTIONS

Input Wattage and Current

Input: 120V 60HZ 0.96A 115.2W

The input wattage and current should be used to verify that the extension cord (if used) or the circuit breaker or fuse that controls the outlet the rope lighting is connected to is not overloaded. Please refer to the markings on the extension cord for maximum current and/or wattage, and the electrical panel for the maximum current for the circuit.

Before You Start

This product can be used indoors or outdoors. Read all the instructions above and below before using the rope lighting.

Never attempt to install, extend, or uninstall when the rope lighting is plugged in.

This product can be used in trees, bushes, along fences, etc., to outline your home, driveway, walkways, railings, or to create any illuminated effect. Rope lighting should never be used in or near pools,

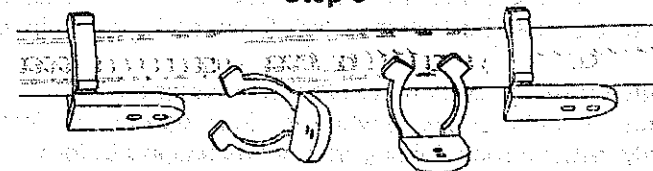
spas, saunas, fountains, or other areas of standing water. Also keep rope lighting out of children's rooms, nurseries, or play areas.

Installing Rope Lighting

WARNING - Risk of fire and electric shock: Do not pierce, cut, hit, or damage the rope light at any time during installation.

1. Plan the installation of the rope lighting. If straight lines are required, it is best to snap a masons line and install the included mounting clips to that surface using screws (recommended) or wood nails following the line. You can also use a straight edge ruler and pencil to create the straight line.
2. For free form designs, carefully mark out the shape in pencil and attach the mounting clips along the line. When creating curves, a piece of heavy solid wire, which is free from sharp edges or burs, can be used. To mount the shape to the mounting surface, use only the included mounting clips, never permanently install the rope shape.
3. When installing the mounting clips using wood nails, avoid hitting the plastic clips or base to prevent cracking.
4. When using screws or wood nails, be careful not to over tighten the clip, again to prevent cracking.
5. Use one clip (provided) for every three feet of rope light. For example, use 100 clips for an 300 rope light.
6. Prior to installing the rope lighting into the mounting clips, completely remove from packaging and uncoil the rope lighting.
7. Install the ends of the rope lighting away from areas where people pass.
8. Press the rope lighting into the clips.

Step 8



Creating Shapes with Rope Lighting

If you wish to create various shapes (Snowman, Christmas tree, Valentine's heart, star, names, phrases, etc.) with the rope