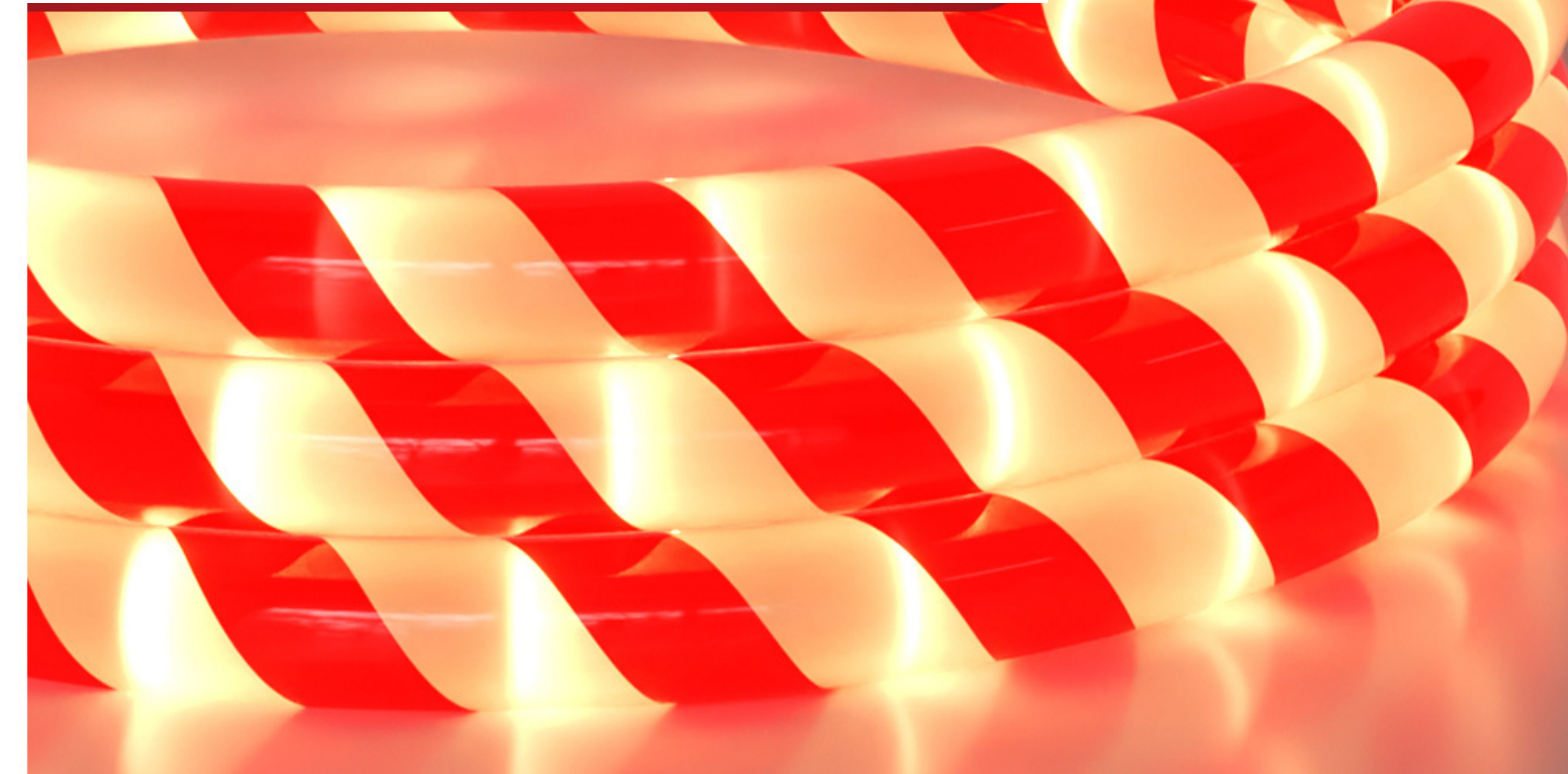




120V CANDY CANE

LED ROPE LIGHTS INSTRUCTIONS



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DISCLAIMER

Dear customer, these instructions are suggested installation procedures only, they do not constitute professional installation and may not necessarily meet all electrical requirements in your state. Please be reminded that our products covered by our ETL report are not intended to be field cutting or splicing. Shine Decor assume no liabilities occur from improper installation including incorrect cutting, splicing and damaged waterproof insulation etc.

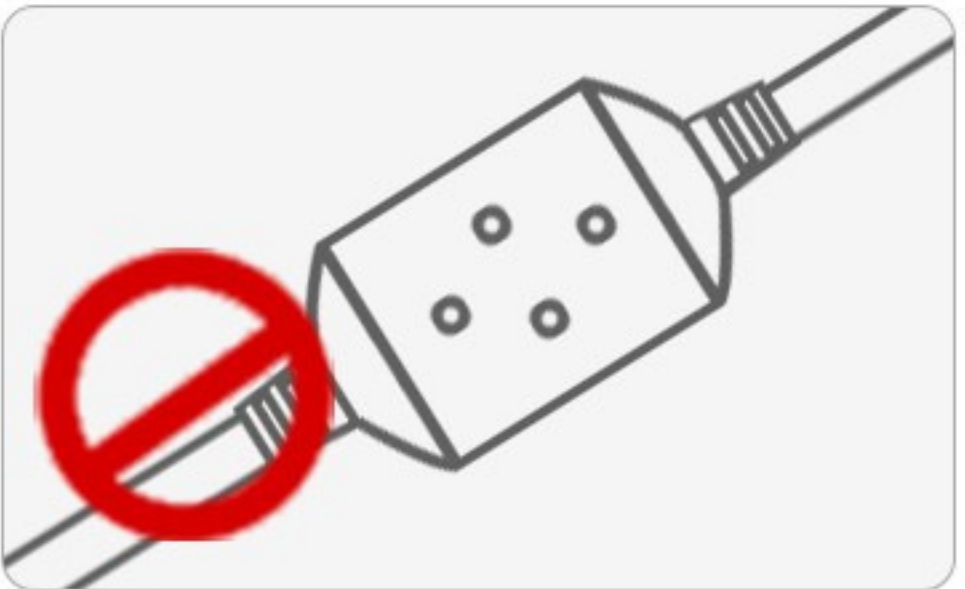
WARRANTY

All of our products are warranted against defects in materials and workmanship for a period of one year from the date of original purchase. We provide 1 month hassle-free full refund, 6 months money back or free replacement and 12 months limited warranty.

WARNING



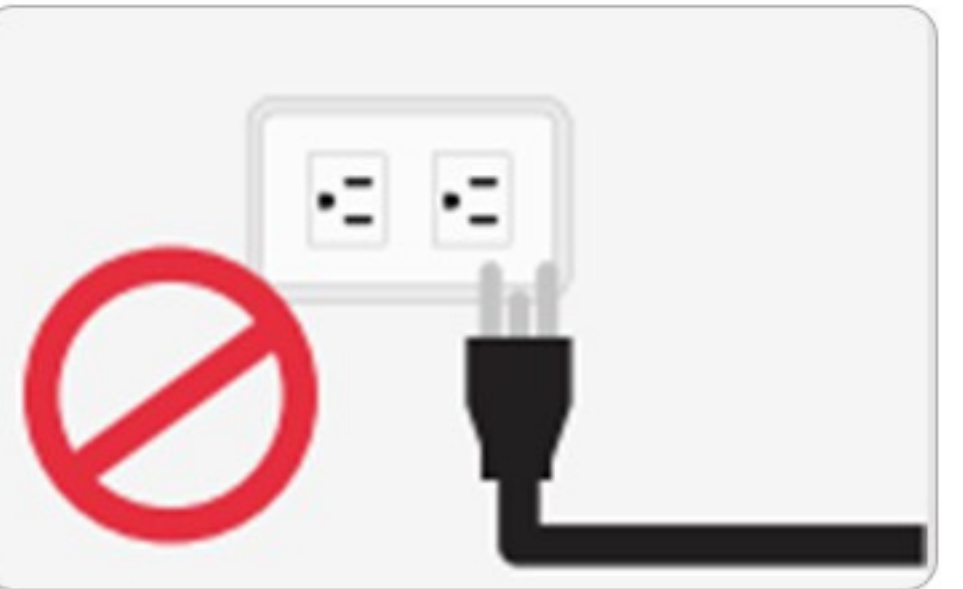
1. Do not cover this product as the covering may cause the light to overheat and melt or ignite.



2. Always keep the rectifier /controller on power wire, don't remove it. We do not recommend customers to cut, shorten, or splice the light before consulting a qualified electrician.



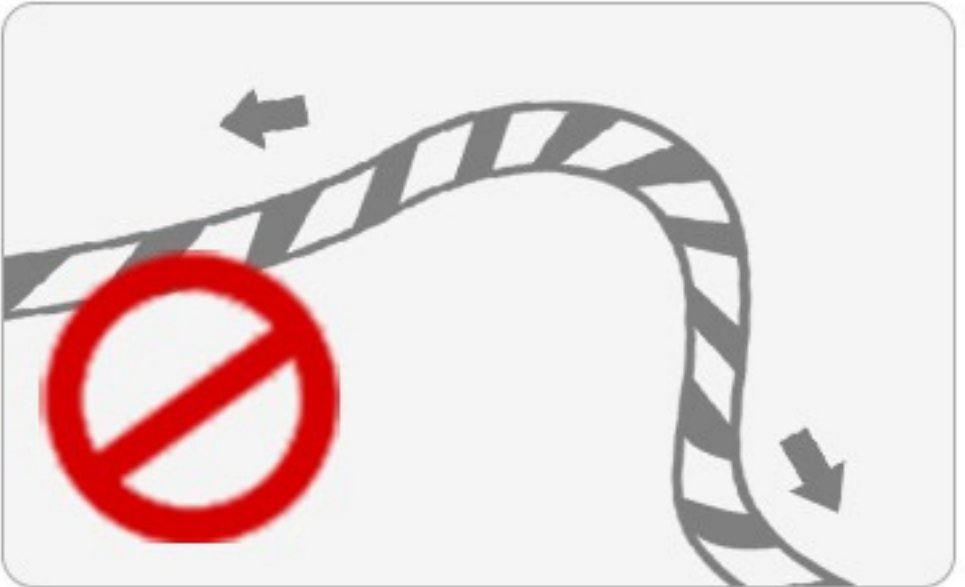
3. Unroll the light before lighting it up. Or else it might melt the rope light and even cause a fire.



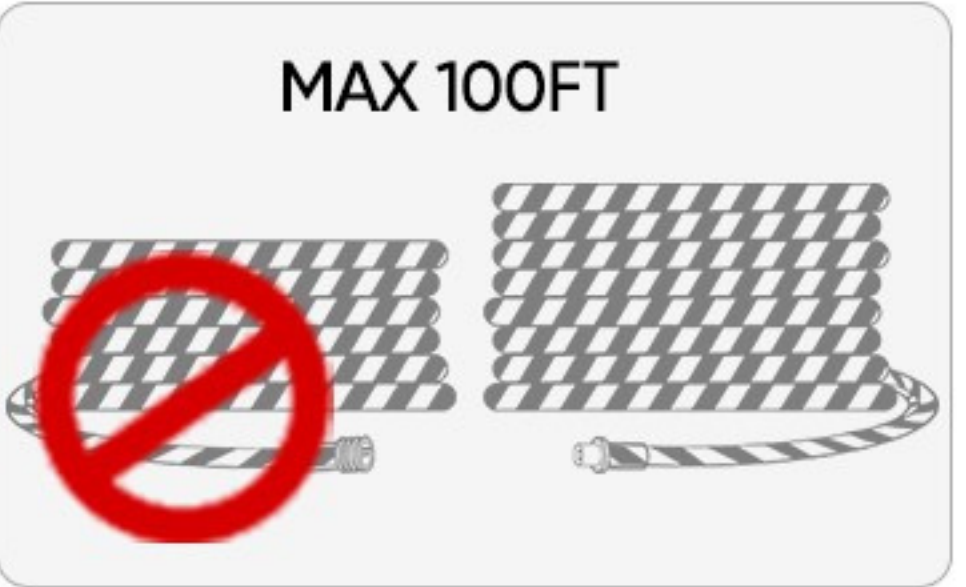
4. Unplug the light before installing or replacing fuses.



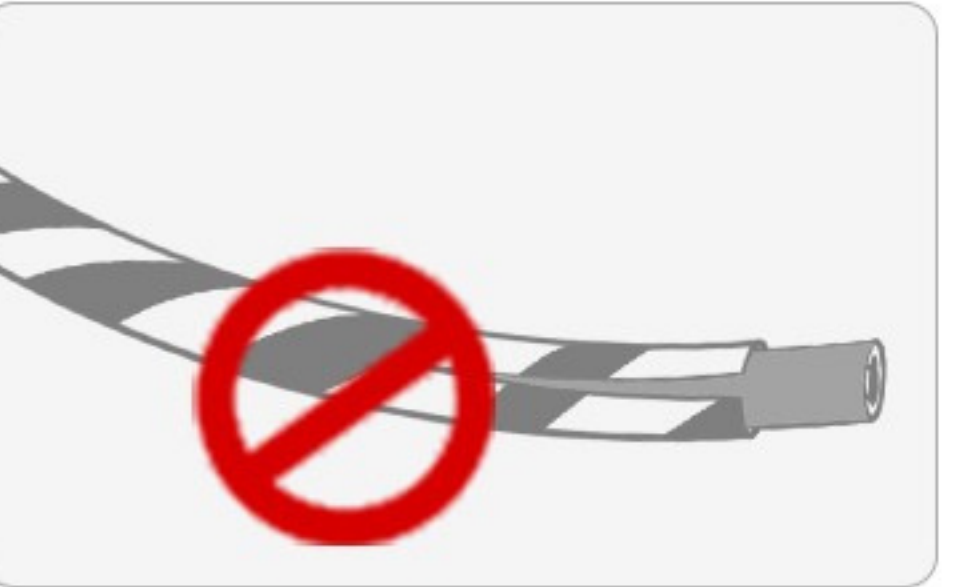
5. Do not submerge the light in liquids. Connections are non-waterproof yet. Keep all connections away from water and moisture to prevent circuit damage which can lead to fires.



6. Do not pull on or stretch rope light as this will damage the inner wires, causing sections to fail.



7. Do not connect together more than 100ft per power supply to avoid overloading electrical circuits.



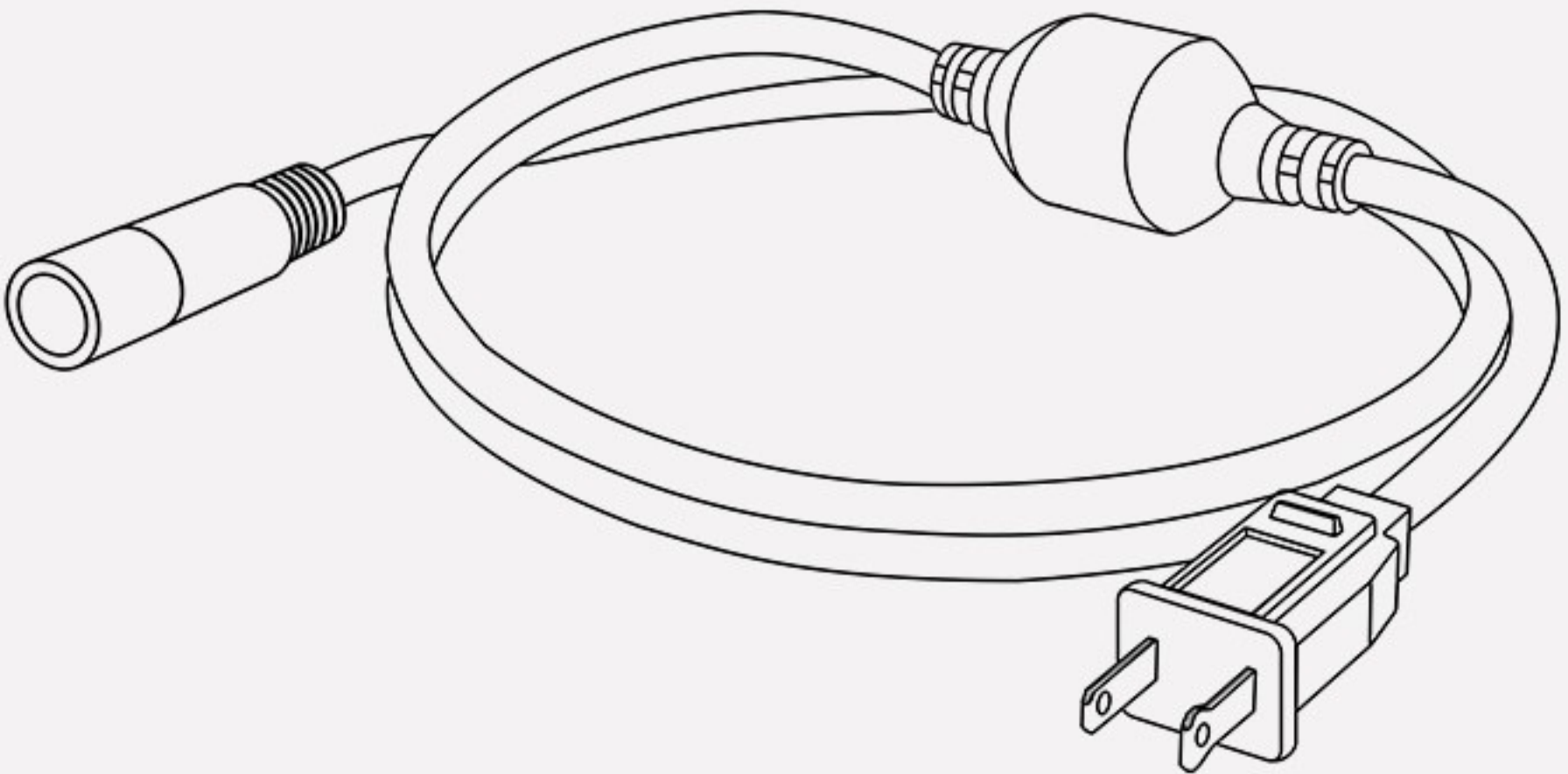
8. Do not mount or support the light in a manner that can damage the outer jacket or cord insulation. Inspect periodically.

PERFORMANCE

Voltage	120V	LED Type	LED-φ3
Power Consumption	2.4W/M	Cutting Interval	1M
Max. Run Length	30M/100F	IP Rating	IP65 (non-submersible)
LED Density	36LED/M	Application	Suitable for indoor and outdoor display

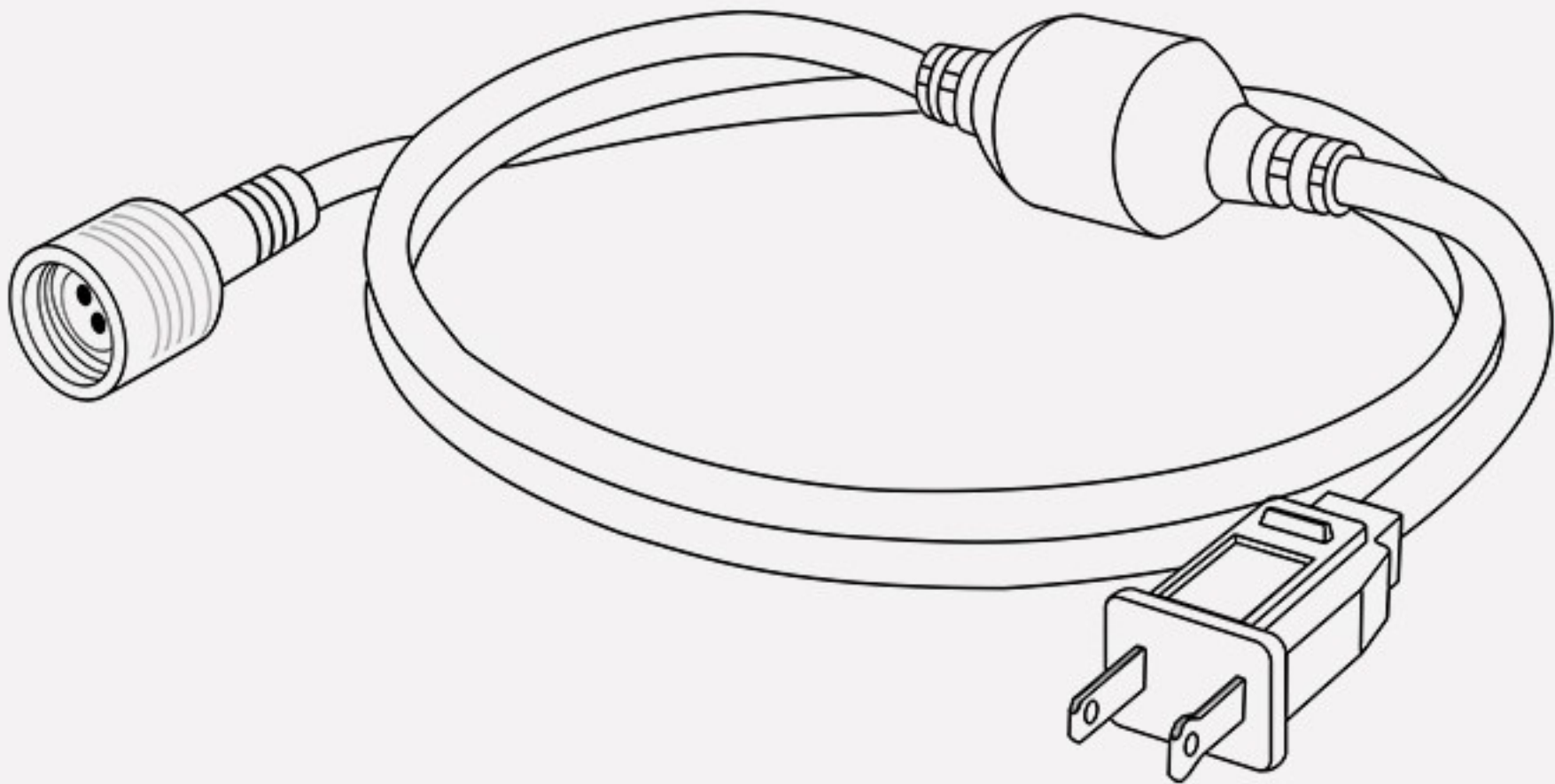
ACCESSORIES

Power Cord for Pin Connector



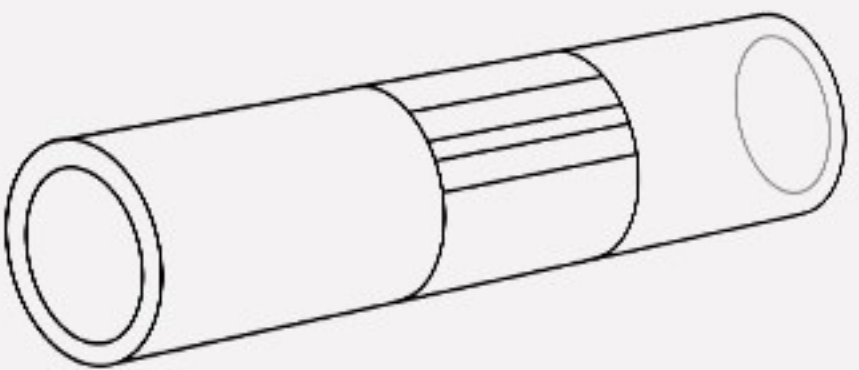
Assembly required. To power new runs of rope light.

Power Cord for Female Connector



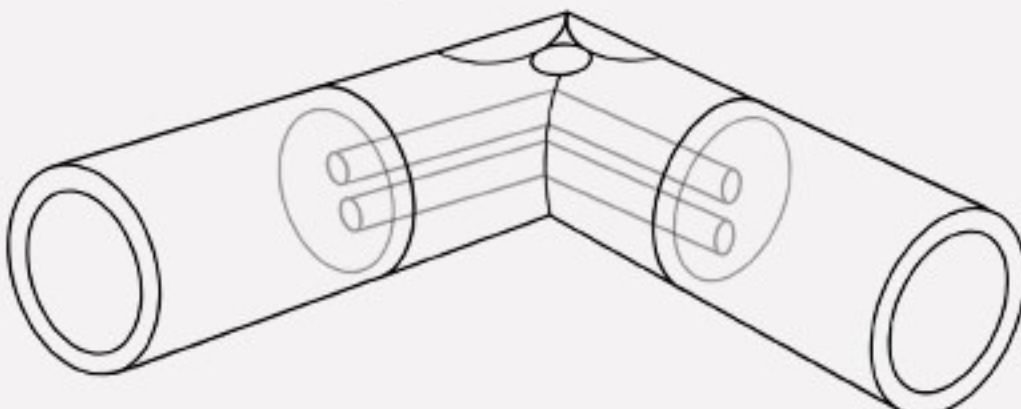
Assembly not required. To power the original pre-assembled run of rope light.

Splice Connector



Assembly required. To connect two rope light runs together.

L Shape Connector



Assembly required. To connect two rope light runs (sections) together.

Mounting Brackets

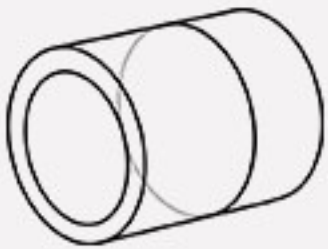


Screws



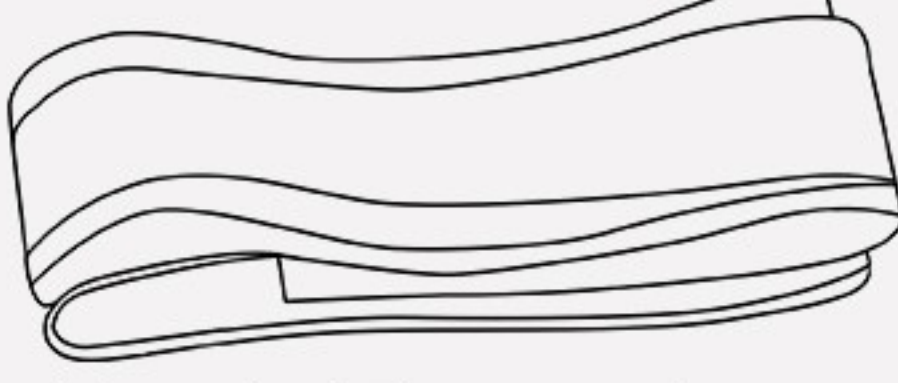
Assembly required. To secure rope light in place.

End Cap



Assembly required. To protect exposed ends of the new cut runs.

Heat Shrink Tube



Assembly required. To protect all connections against ingress of dust and water.

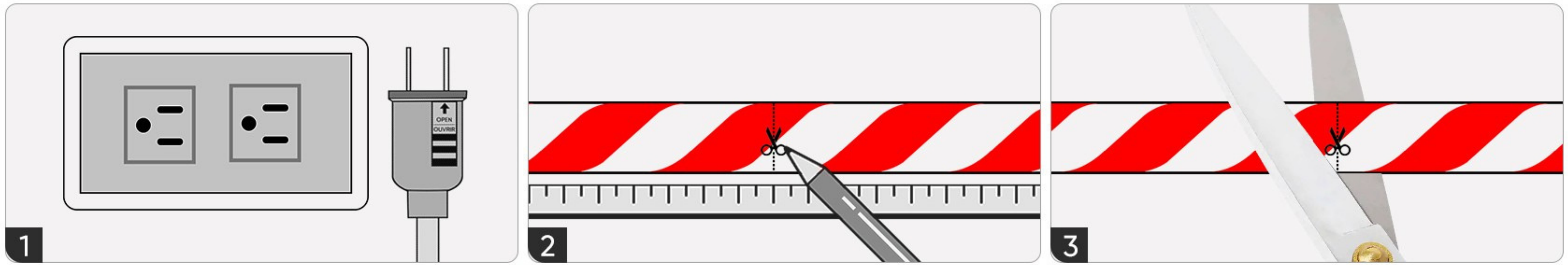
CUTTING INSTRUCTIONS

Although candy cane rope lights can be cut at designated cut mark. We do not recommend cutting for the following reasons:

1. Cutting rope lights voids any certification the product have had in it's pre-modified state.
2. Cutting or damaging outer plastic tubing can cause an electrical/ fire hazard.
3. Cutting anywhere besides cut marks will damage that section of rope light and cause it to fail.

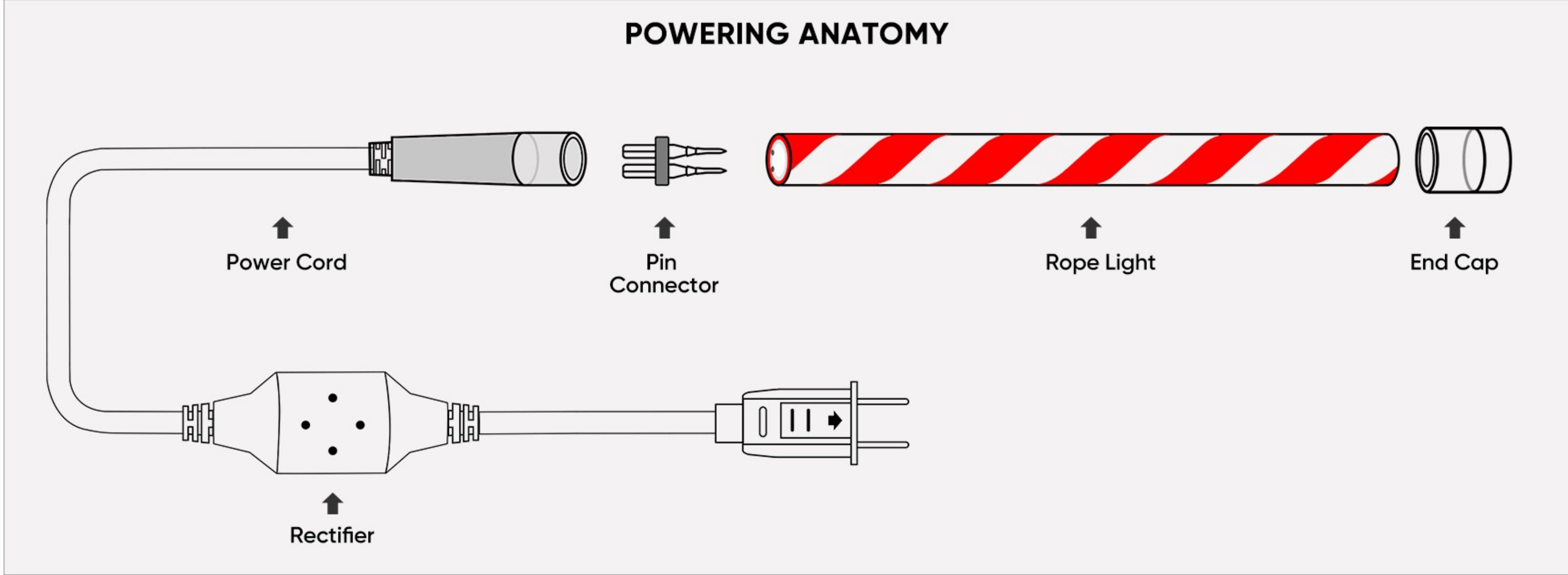
However, we still provide step-by-step guidance on how to safely cut rope light without damaging it and making it work for your specific needs. Please follow these steps as strictly as possible.

1. Disconnect power before cutting.
2. Measure the desired length for your application, candy cane rope lights is cuttable at every 1 meter. Make sure your desired length is divisible by the cuttable interval. If not, round up or down to the nearest interval and make sure this new length will still work with your project.
3. Locate the closest cut mark. There will be scissors every 1 meter on rope light indicating where to cut the rope light. Be sure to avoid cutting diodes. If you cut the light anywhere else, the interval circuit will be damaged and the light will not illuminate within the interrupted section that has been severed. Take sharp scissors or utility knife, line it perpendicularly and cut exactly at the mark. This completes cutting the rope light and has prepared the ends to receive any accessories to might be attached. A cut piece of rope light must have a few more things before it will work: a power cord with an inline rectifier, end cap.



POWERING INSTRUCTIONS

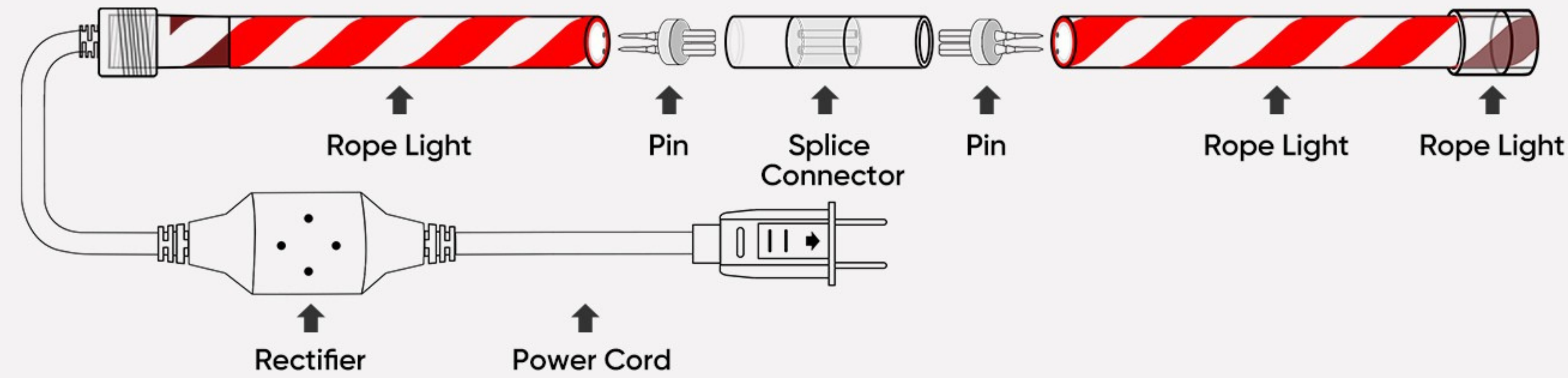
A basic run of candy cane rope light consists of four parts: power cord, pin connector, rope lights, end cap. For powering new cut piece, power cord pack is a must.



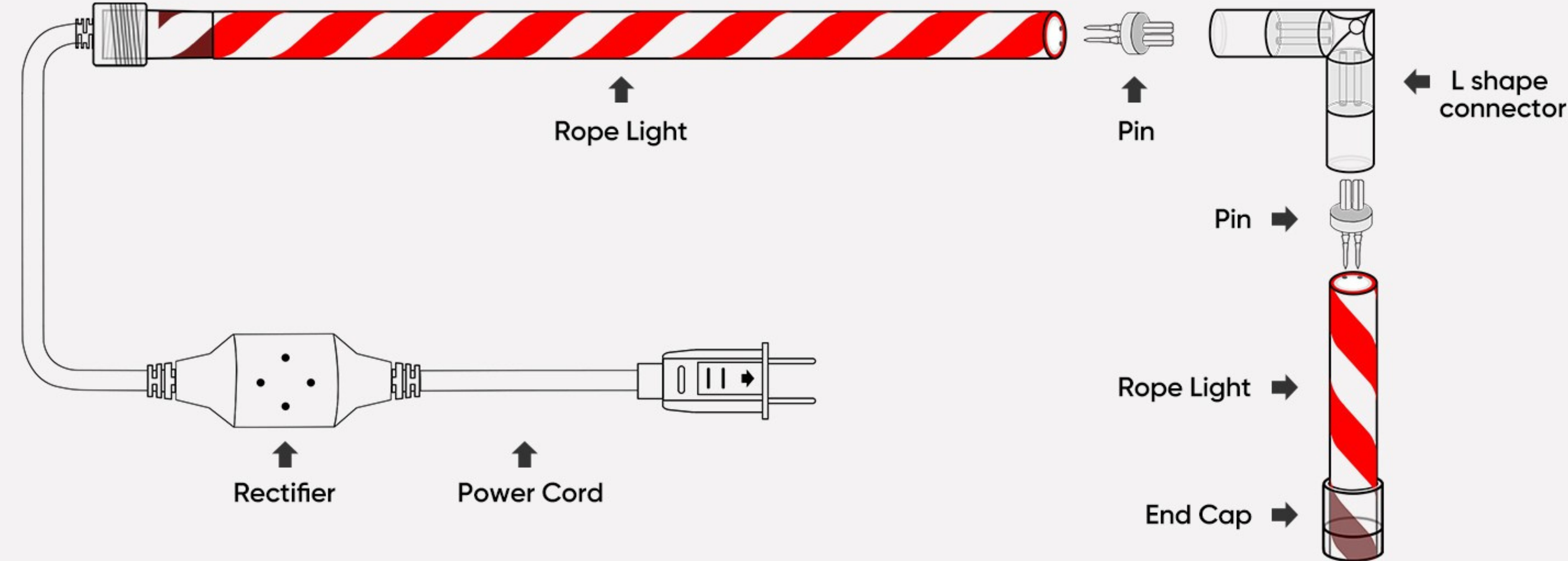
1. Disconnect power first.
2. Locate and identify the 2 wires inside the tubing. Note that LEDs are polarized and require the electrical current to be flowing in a particular direction. So if you plug in the power cord and the rope lights do not work, simply remove the power cord from the rope light and connect it to the opposite end.
3. Line up the sharp prongs of the pin connector with the light wires. Pierce sharp prongs into rope light, making secure contact with inner wires.
4. Attach rounded prongs of the pin connector into corresponding receptacle holes in power cord.
5. Push end cap exposed end of rope light.

SPLICING INSTRUCTIONS

SPLICING ANATOMY



L SHAPE SPLICING ANATOMY



1. Disconnect power first.
2. Pierce two sharp prongs into rope light, making secure contact with inner wires.
3. Attach two rounded prongs of the pin connector into corresponding receptacle holes in splice connector.

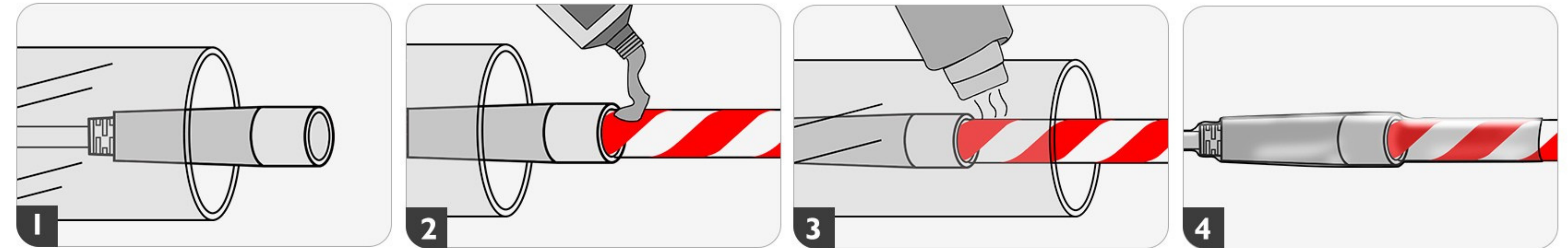
WATERPROOFING INSTRUCTIONS

Important Note:

All connections, power cord connection part, end caps, splice connection part are non-waterproof and must be properly resealed to prevent moisture intrusion which can cause dangerous short circuiting and even lead to fires.



1. Disconnect power first. Cut about 4 inches of heat shrink tube, and then slide it over the power cord.
2. Waterproof connections by applying silicone adhesive liberally into the inside and outside of the connected area. Gently press out any bubbles and make sure to wipe out excess adhesive, let it dry for 24 hours.
3. Slide the heat shrink tube over the connected area, then use a heat gun to heat up the tubing to create the seal.
4. To create an authentic watertight seal, you need to further waterproof it by wrapping more tubing around connections in an overlapping spiral fashion, then use a heat gun to repeat these steps. Make sure the end cap get waterproofed too.



Problem	Possible Cause	Solution
The entire light will not illuminate	Incorrect power source	Ensure the light is plugged into an 120VAC outlet and the power is on.
	Loose pin connection	Check the pin connection and make sure the pin is inserted fully into the internal wires.
	Mixed polarity	Check the right polarity according to the POWERING INSTRUCTIONS.
	Rectifier issue	Replace the power cord.
	Blown fuse	Check if the inline fuse on the plug has blown, fuses normally blow out when they short circuit caused by water intrusion or damaged wiring connections.
The light has sections that will not illuminate	Manufacturing flaw or mechanical damage during shipping	Check if the sections do not light up when the light first arrives.
	Incorrect bending during installation	Do not fold or stretch the rope lights. Do not bend the light to sharp angles or make repeated and continuous bending as this may damage circuit traces during installation.



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