

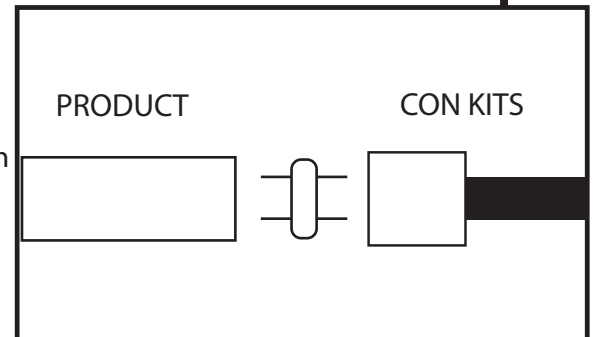
# LED Mini 2-Wire

## Installation instructions for LED-MDF

### CONNECTING POWER END CAPS (FOR SINGLE COLOR LED 2-Wire):

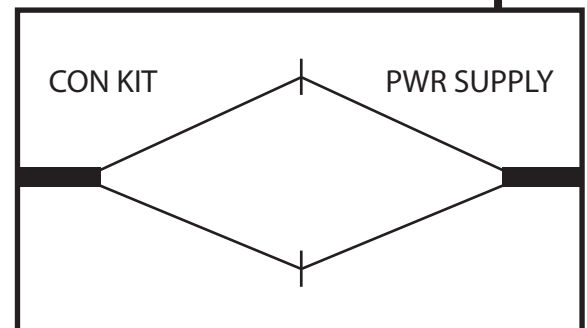
NOTE: THIS PRODUCT IS POLARIZED (MEANING IT WILL ONLY WORK WHEN POWERED AT THE LIVE END)

1. Determine which end of the LED 2-Wire is the live end. It is the end that is pre-stamped with the text (see Figure 2) "AMERICAN LIGHTING 120v DC 7.2 WATTS PER FOOT"
2. Insert barbed end of power connector pin into LED 2-Wire being sure to align pins with end of the conductors (see Figure 3). Push pins into LED 2-Wire as far as possible without using tools (about halfway). Although it requires significant force to insert powerpin connector in to the LED 2-Wire, the use of tools may result in damaged or broken parts.
3. Place shrink tube over live end of 2-Wire and slide back 4 inches or more to allow room to proceed.
4. Orient power pin connectors with same orientation as holes in power cord sheath, as shown in Figure 3, and insert live end of rope light with attached pins into power cord end, pushing hard while rocking LED 2-Wire and cord back and forth to make a secure connection.
5. Slide end cap completely onto opposite end of flexbrite.
6. Attach to power source and verify that connection is secure. If LED 2-Wire fails to light completely, check for proper connections, repeating steps 2-4 and re-test. If Flexbrite fails to light at all, check power source.
7. Slide shrink tube over power cord end, overlapping equally over LED 2-Wire and power cord sheath.
8. Using a heat gun, carefully apply heat to shrink tube. Warning: shrink tube and assembly will be hot. Allow to cool before mounting.



### CONNECTING TO 12VOLT POWER SUPPLY

1. Follow steps 1-8 above.
2. Attach wires to approved 12 volt AC power supply.
3. Attach live power to verify that the connection is secure. If product fails to light, check for proper connections. Repeat all steps if necessary.



### MOUNTING

Mounting track (LED-4WR-TRACK) and mounting clips (LED-4WR-CLIP) are available (sold separately) for mounting LED 2-Wire. Each is sold separately.



# LED Mini 2-Wire

## Safety instructions for LED-4WR Series

**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).

**WARNING:** To avoid electrical shock, disconnect or disable power at the source prior to installation or maintenance.

## IMPORTANT SAFETY INSTRUCTIONS

1. All units must be unplugged before installing or servicing in any way.
2. Do not route cords or units through walls, doors, windows or any similar part of a building structure.
3. When using outdoors, all connections and caps should be tightly secured with silicone or the like to preclude the entrance of water. Controller (if applicable) must be secured in a weatherproof enclosure when used outdoors.
4. Do not use if there is any damage to the unit or power cord's insulation. Inspect periodically.
5. Do not submerge in water or liquids. Do not use in the vicinity of standing water or liquids.
6. Secure units using clips designed for this product. Do not secure unit or its power cord with staples, nails or the like that may damage insulation.
7. Do not subject the product to continuous flexing.
8. Do not exceed the maximum run of 22 feet for "all on" applications OR the maximum run capacity for the controller, whichever is less.

**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. Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for outdoor use or light rope. Receptacles are available having built-in GFCI protection for this measure of safety.
2. Use only outdoor extension cords, such as type SW, SOW, STW, STOW, SJW, SJOW, SJTW, or SJTO. This designation is marked in the wire of the extension cord. AC 120V, 60Hz max.

