

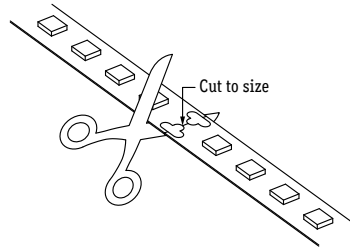


CALIFORNIA  
ACCENT  
LIGHTING  
INC

# LLED8400-PC | SOLDERING & CONNECTORS

## SOLDERING GUIDE

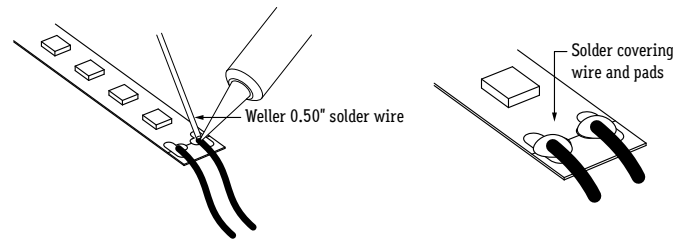
1. Cut lightstrip to desired length. Include both sets of solder pads by cutting to the left or right of designated markings, allowing more space for a stronger solder connection.



2. Prepare wires by stripping 1/8" from the end of each wire, then tin the tips of the wire with solder. Apply heat to stripped portion of wire, then add a small amount of solder until stripped portion of wire is fully covered in solder.

3. Solder lead wires to solder pads on the end of lightstrip. Solder the positive wire to the pad marked +24V. Solder the neutral wire to the pad marked GND.

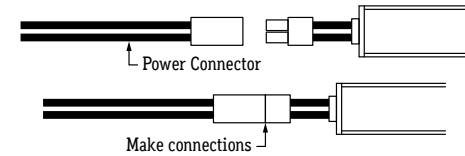
**Note:** Solder iron not to exceed 720°F. Heat joint with tip of iron. Heat both the solder pad and the wire. Add a small drop of solder on the tip of solder iron to transfer the heat to joint quickly; it should melt and flow smoothly, covering the wire and pad. Remove iron once enough solder has been added to the components. Allow 5 seconds for the joint to cool.



**Note:** Appearance of lightstrip may differ from example shown.  
Refer to wiring diagrams from installation instructions before soldering any wires.

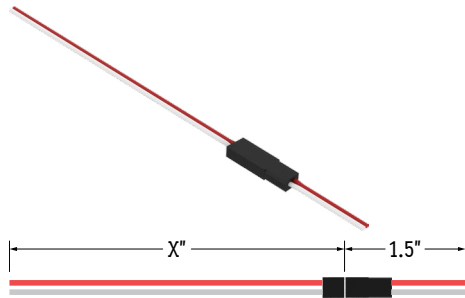
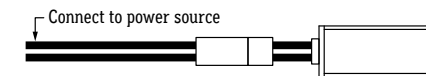
## CONNECTORS

1. Make connections between connectors.

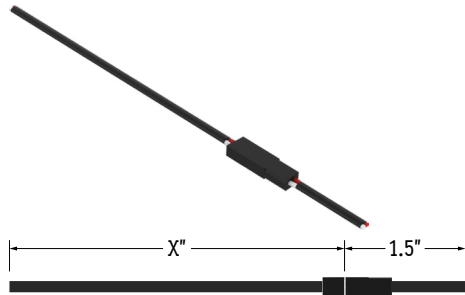


2. Perform continuity test before connecting fixture to power source.

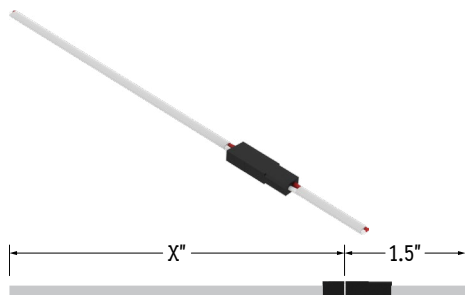
**Link:** <http://www.calilighting.com/assets/pdf/lipLEDs/LLED8400-Continuity-Test.pdf>



Power Connector (20/2 Gauge Wire)  
LLED8400-PC (33" Standard)  
LLED8400-PC-X (X = Specify Length)



Power Connector Black (20/2 Gauge Wire with Black Jacket)  
LLED8400-PC (33" Standard)  
LLED8400-PC-X (X = Specify Length)



Power Connector White (20/2 Gauge Wire with White Jacket)  
LLED8400-PC-WH (33" Standard)  
LLED8400-PC-WH-X (X = Specify Length)

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