

Soldering and Waterproofing Instructions

for Ribbon Star Waterproof LED Strip Lights

Supplies Needed:



30W-60W
Temperature
Adjustable
Soldering Iron



Rosin Core
60/40 Solder



UV6800 or
E6800
Industrial
Strength
Adhesive



Wire Strippers



Utility Knife or
Razor Blade



Heavy-Duty
Scissors



1 Set Temperature

Set soldering iron
temperature to 500-600°F



2 Cut LED Strip Light

Using heavy-duty scissors,
cut LED strip light to length
on designated cut line only.



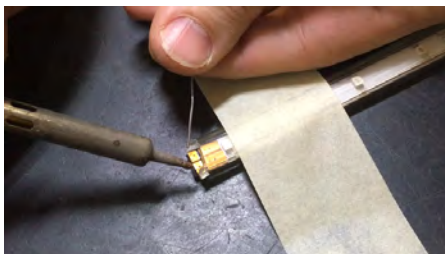
3 Expose Copper Pads

Cut back the waterproof
coating on the top of the LED
strip light about 1/8" to expose
the copper soldering pads



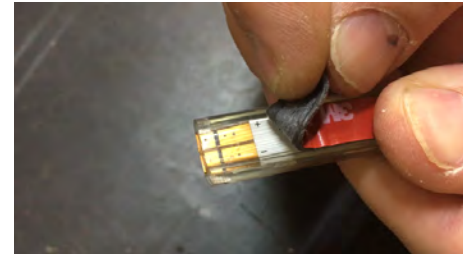
4 Tin Connection Wires

After cutting and
stripping connection
wires, tin each wire
with solder.



5 Tin Copper Pads

Tin each copper pad
on the LED strip light
with solder.



6 Determine LED Polarity

Peel back adhesive on the bottom of
LED strip light to determine positive
and negative, LED strip light is
marked with +,- symbols.

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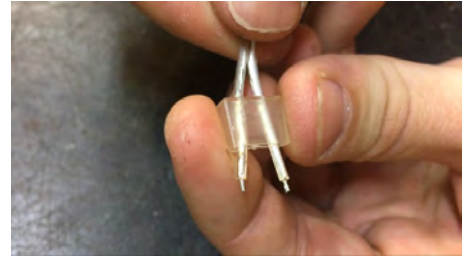
for Ribbon Star Waterproof LED Strip Lights

(continued)



7 Determine Wire Polarity

Determine positive and negative wires, positive wire is marked with a white line.



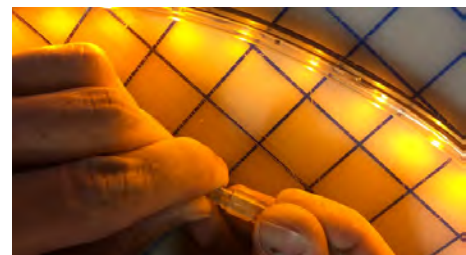
8 Wire Through End Cap

Before soldering the wires to the LED strip light, feed them through the holes in the waterproof end cap.



9 Solder Wires to LED Strip

With your soldering iron, mate the wires to the corresponding copper pads on the LED strip light.



(Amber colored LEDs shown)

10 Test Connection

Before gluing on the waterproof end cap, test your connection.



11 Glue End Cap

Fill waterproof end cap with the recommended glue



12 Apply End Cap

Press the glued end cap into place and allow 48 hours to dry before installation. **Note:** Strip light coating is hollow, let dry vertically to keep glue inside of end cap.