

The Edison 6-8-10 Wire Chandelier is easy to assemble; given you have some background in electrical wiring. It's not required you do any soldering, but is preferred as it makes it easier to finish. I prefer to tin and/or solder wires together – but you can use wire nuts to connect wires together.

Step 1: check the included parts (You MUST notify us with 3 days of receipt if you received all required parts)
We do sell individual parts should you need a replacement – please contact us for details.

Below is an example of our “6 Wire” kit (not shown is the shrink wrap and install kit)



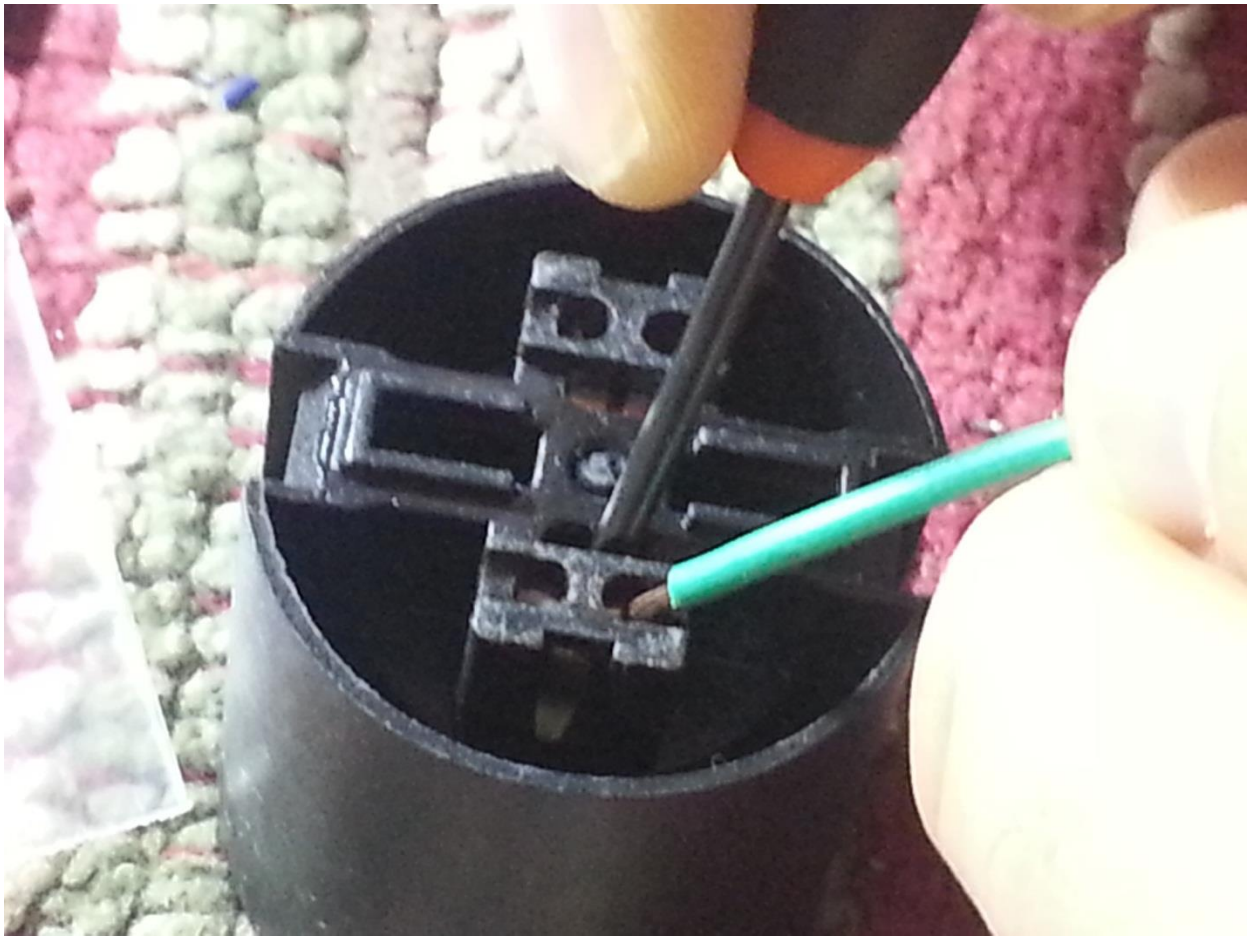
Step 2: Assemble the bulb end:

Place the braided wire on a workbench, and assemble each bulb socket as shown below: Metal hanger, small female strain relief nut, short male strain relief, metal socket cover, plastic socket head (screw in and snug the metal nut and hollow set screw), socket. Second picture shows the assembled socket.

Step 3: After setting the parts together and before assembling, CHECK THE ORDER to be sure all parts are in place.
It is VERY frustrating to have assembled a socket together only to have to disassemble it because of a missing part.

TIP: use a butane lighter on the end of the cloth wire cover to melt the material and keep the cover in place.





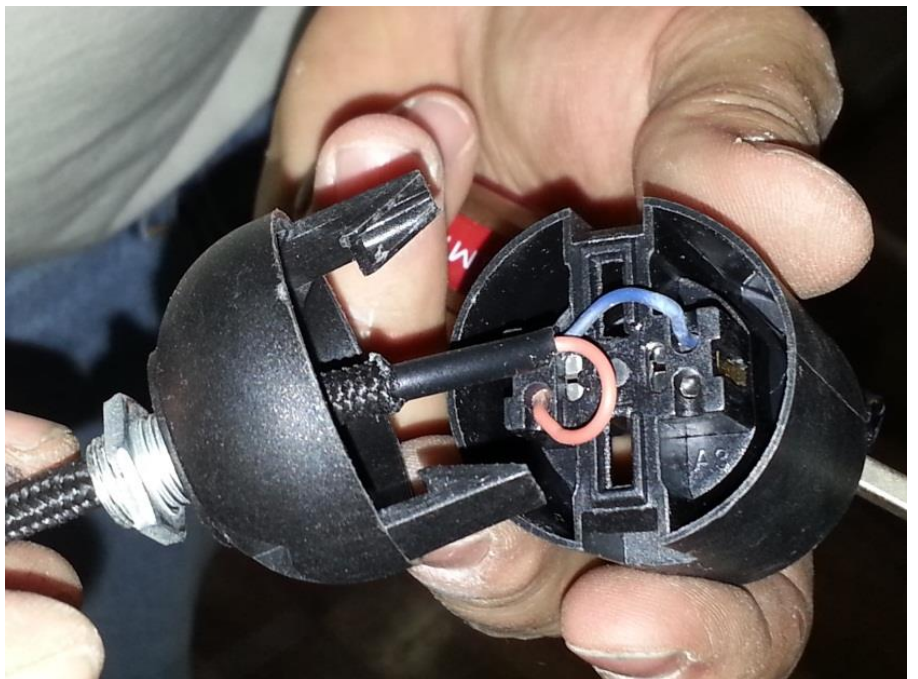
Step 3: Strip $\frac{1}{4}$ " wire from the end, twist the copper into a point and tin the wire (recommended). Although it's not required to tin the wire end, it does make it easier.

Step 4: Using a small blade screw driver, insert the wire into the one of the ROUND HOLES, while depressing the tab in the SQUARE HOLE next to where you are inserting the wire. Pressing the tab mechanism allows the wire to be inserted. Then release the screwdriver, and the wire should catch – if not repeat. This is a little tricky at first, but does work well. Be sure to check the connection by gently moving the wire. Do NOT pull on it.

Step 5: After verifying the connection, snap the plastic cover over the socket, and screw in the tube screw – then tighten down the nut. Move the metal cover over the assembled plastic socket so the metal tube screw pokes out. Push the short male strain relief down and tighten down snugly (do not strip). Then screw the female strain relief down snugly – this locks the cloth covered wire in place.

Repeat for each bulb, making sure the wires are connected, and the strain relief is connected snugly.

Be sure to gently move the metal sockets around so they don't clank.



Step 6: The base is assembled last – as this is where you can shorten the wires if needed.

First, assemble the base so that you have 6" – 7" of wire sticking out of the back of the base (this gives you enough wire to strip and assemble later on).

Push a long female plastic nut over the wire, push the wire thru a hole in the base, then push a long female strain relief over the wire. Pull the wire up so that it protrudes 6" – 8" and tighten down the strain relief. Do the same for each wire making sure the wire lengths are similar.

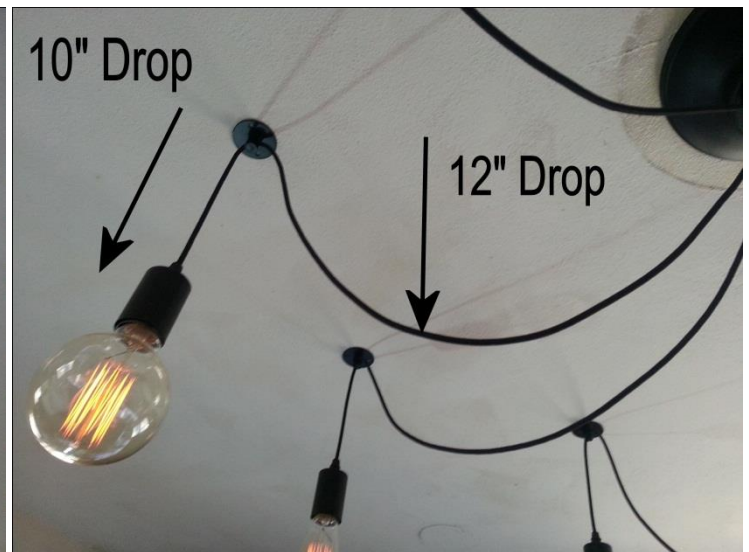
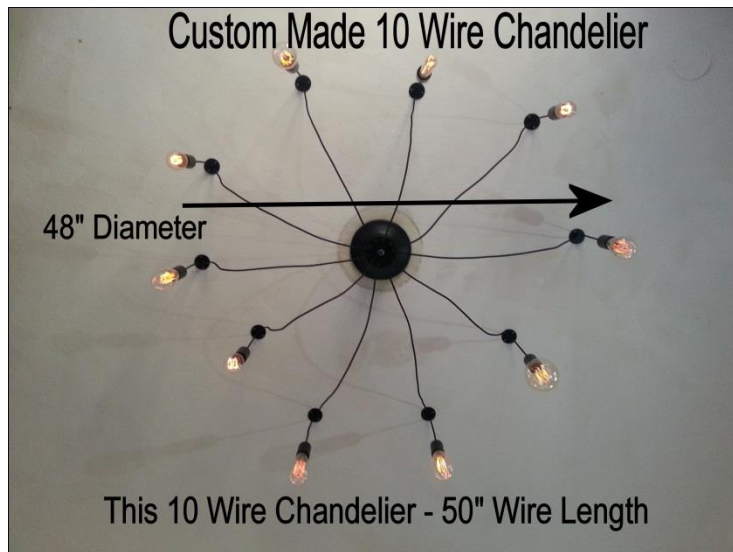
Make sure you have plenty of wire on the back side of the base – wiring all these together is the hard part of the project.



Step 7: Determine the length of wire to cut (if any).

Below is a custom 10 wire. We cut the wires to be 50" long AFTER assembling the bulbs and dry fitting the entire light. This gave us a 10 wire chandelier, 48" in diameter, with a 12" wire drop, and a 10" bulb drop as shown below.

We dry fitted the chandelier by simply holding the center base and placing the hangar where we wanted it. We set the desired wire drop, and measured the bulb drop from the ceiling. The difference between the actual bulb drop and desired bulb drop is the length of wire to cut. Remember, bulbs are 4-7" long and do get hot – they should be above the tallest head in your home!! (Our lowest bulb sits about 6' 9" down – in our 8 foot ceiling).



Step 8: Loosen the strain relief and pull the wires thru the base, cut the desired length off allowing for 6-7" of wire in the base. Strip away about 2" of black cover insulation exposing the wires. Group ½ the wires together as shown below, making sure there is plenty of exposed wire – and bundle them together. Use ½ of the dark wire (HOT) included on the BLUE wires, and ½ of the light color wire (NEUTRAL) for the RED wires. Place a LARGE piece of shrink wrap around each bundle and heat with hot air (a flame will do but is not recommended)

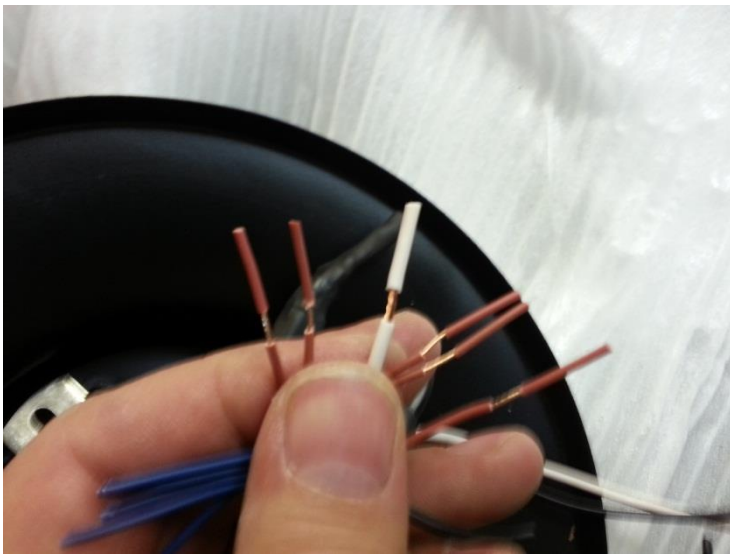
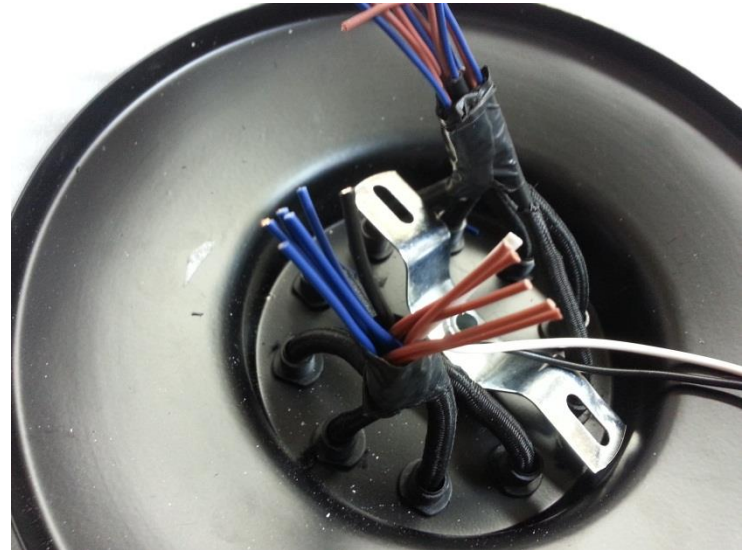
TIP: we hot glued our hangers to the ceiling rather than drilling holes – works PERFECT!!

NOTE: 6 wire chandeliers may only require 1 x dark wire (HOT) and 1 x light (NEUTRAL) wire as it's much easier to connect 6 wires together rather than 10. This serves only as a guide on how to wire up 6-8-10 wire chandeliers.



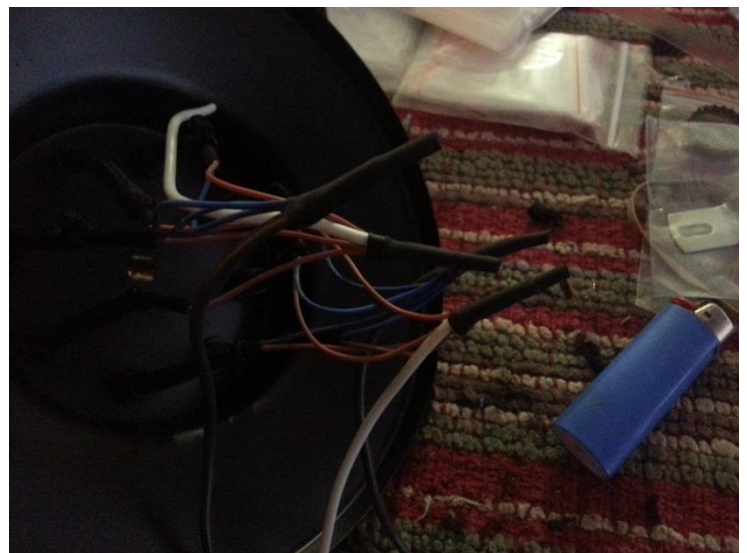
On each side – bundle/separate the blue wires with dark wire, and red wires with light wire. Snip the wires so they are equal length so they are easier to connect.

Strip $\frac{3}{4}$ " off and then TWIST the wire as you remove the insulation – this will keep the copper strands together.



Twist or Solder together (or use wire nuts) all blue + dark wires and red + light wires making sure of a good connection. Cover each with shrink wrap or black tape if using wire nuts. I prefer to use shrink wrap and allow the wrap to protrude out past the end of the wire as shown below.

Use a zip tie to hold each side down at the base so the wires are held inside the base. The finished product will have 2 x dark and 2 x light wires.















Step 9: Hang the fixture to an existing junction box, and use wire nuts to connect both dark wires to HOT and both light wires to Neutral.

6-8-10 Wire Chandelier Packing List:

Each chandelier kit is packed by us personally.

You must notify us within 3 days of receipt of any missing components.

<p>6 Wire Contents:</p> <ul style="list-style-type: none"> 1 x metal base 1 x 6 wire bundle 1 x screw set in bag 1 x junction box metal arm 1 x decorative nut 6 x tube screws 6 x locking nuts 6 x plastic socket connector 6 x plastic sockets 6 x metal socket covers 6 x metal hangers 6 x plastic short nuts 6 x plastic short strain reliefs 6 x plastic long nuts 6 x plastic long strain reliefs 1 x wire + shrink wrap kit 	<p>8 Wire Contents:</p> <ul style="list-style-type: none"> 1 x metal base 1 x 8 wire bundle 1 x screw set in bag 1 x junction box metal arm 1 x decorative nut 8 x tube screws 8 x locking nuts 8 x plastic socket connector 8 x plastic sockets 8 x metal socket covers 8 x metal hangers 8 x plastic short nuts 8 x plastic short strain reliefs 8 x plastic long nuts 8 x plastic long strain reliefs 1 x wire + shrink wrap kit 	<p>10 Wire Contents:</p> <ul style="list-style-type: none"> 1 x metal base 1 x 10 wire bundle 1 x screw set in bag 1 x junction box metal arm 1 x decorative nut 10 x tube screws 10 x locking nuts 10 x plastic socket connector 10 x plastic sockets 10 x metal socket covers 10 x metal hangers 10 x plastic short nuts 10 x plastic short strain reliefs 10 x plastic long nuts 10 x plastic long strain reliefs 1 x wire + shrink wrap kit
--	--	--

				
Socket Connector	Plastic Socket	Short Nut	Short strain relief	Metal Base
				
Long strain relief	Long Nut	Metal arm	Decorative nut	Wire Bundle
				
Locking Nut	Tube Screw	Metal Socket Cover	Metal Hanger	Wrap/Wire Kit
				
Screw Set				