

Installation Guidelines

For Membrane light and Arc with Dome Light

Page 1

We suggest that the light fixture is installed by a licensed electrician and that all safety protocol is observed and followed.

What's in the box:

The Membrane and Arc with Dome lights each include:

- A. (1) light cover with attached lower cable connectors
- B. (4) 60" ss wire support suspension cables with half sphere connectors
- C. (1) 60" power cord with wired E26 socket & cover cap
- D. (1) cover silicone ring
- E. (2) piece metal ceiling canopy with cord and wire adjustment connectors; -- (3) canopy exterior thumb screws and (1) green ground screw are all inside of canopy for shipping
- F. E26 BULB NOT INCLUDED; will need to be purchased by customer

What tools you will need:

- Small flat head screwdriver
- Phillips head screwdriver
- Wire cutters/strippers to cut power cable and to remove/strip plastic cloth covered cord sheath to expose(3) wires
- Black electrician tape
- (2) Wire nuts

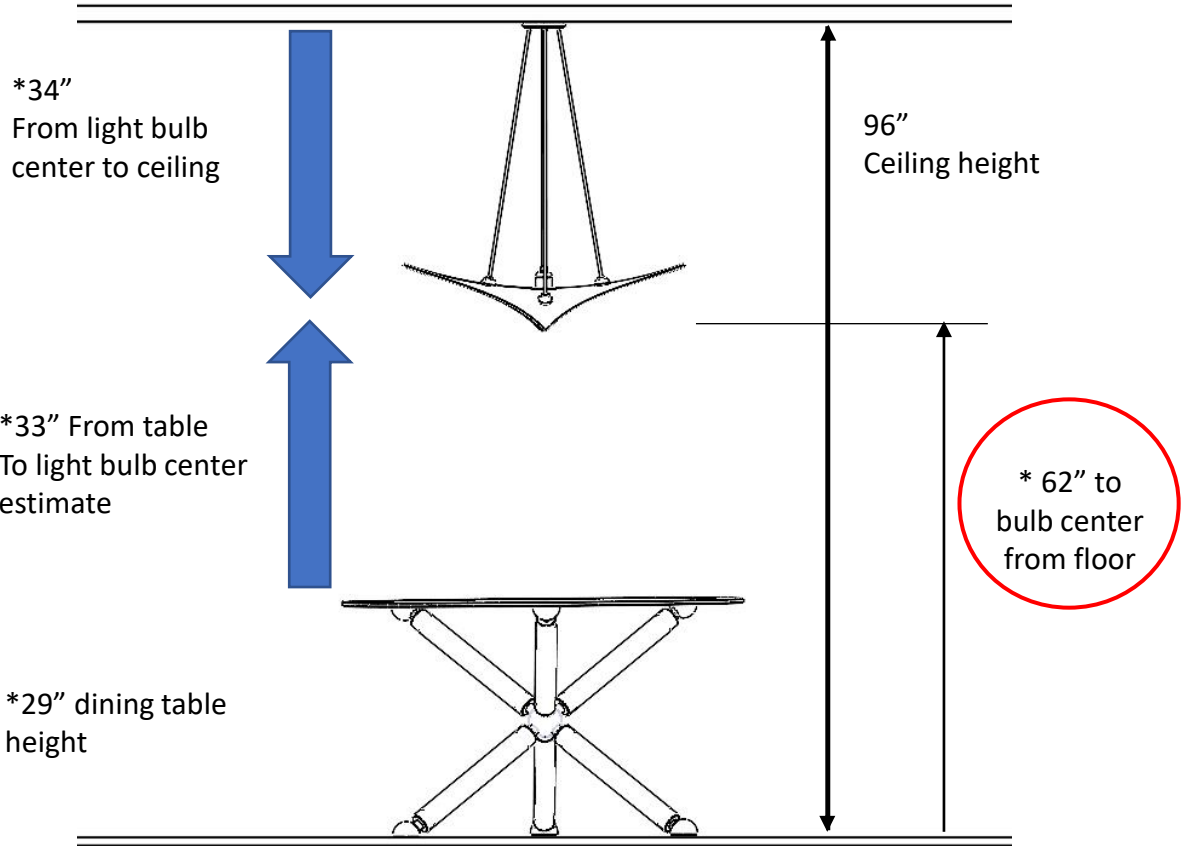
Notes:

- the bulb E26 socket, power cable and all electrical parts have been UL approved individually by manufacturer and have been assembled and tested prior to shipping. The 60" support wire cables and power cord will sufficiently hang fixtures from 8', 9' and 10' ceilings; if less than 8', still maintain height from tabletop/floor as in the 8' ceiling drawing Diagram A.

The following elevation images depict Industry recommended dimensions for hanging the membrane and dome arc lights **for 8', 9' and 10' ceiling heights** ; final heights are subject to user's personal taste and adaptation to the room.

***Note** the 60" power cord and ss hanging cables will accommodate variations from the general height guidelines if desired for all three ceiling heights. For ceiling heights less than 8' it is recommended that the bulb distance from dining table/floor be like the 8' ceiling height below.

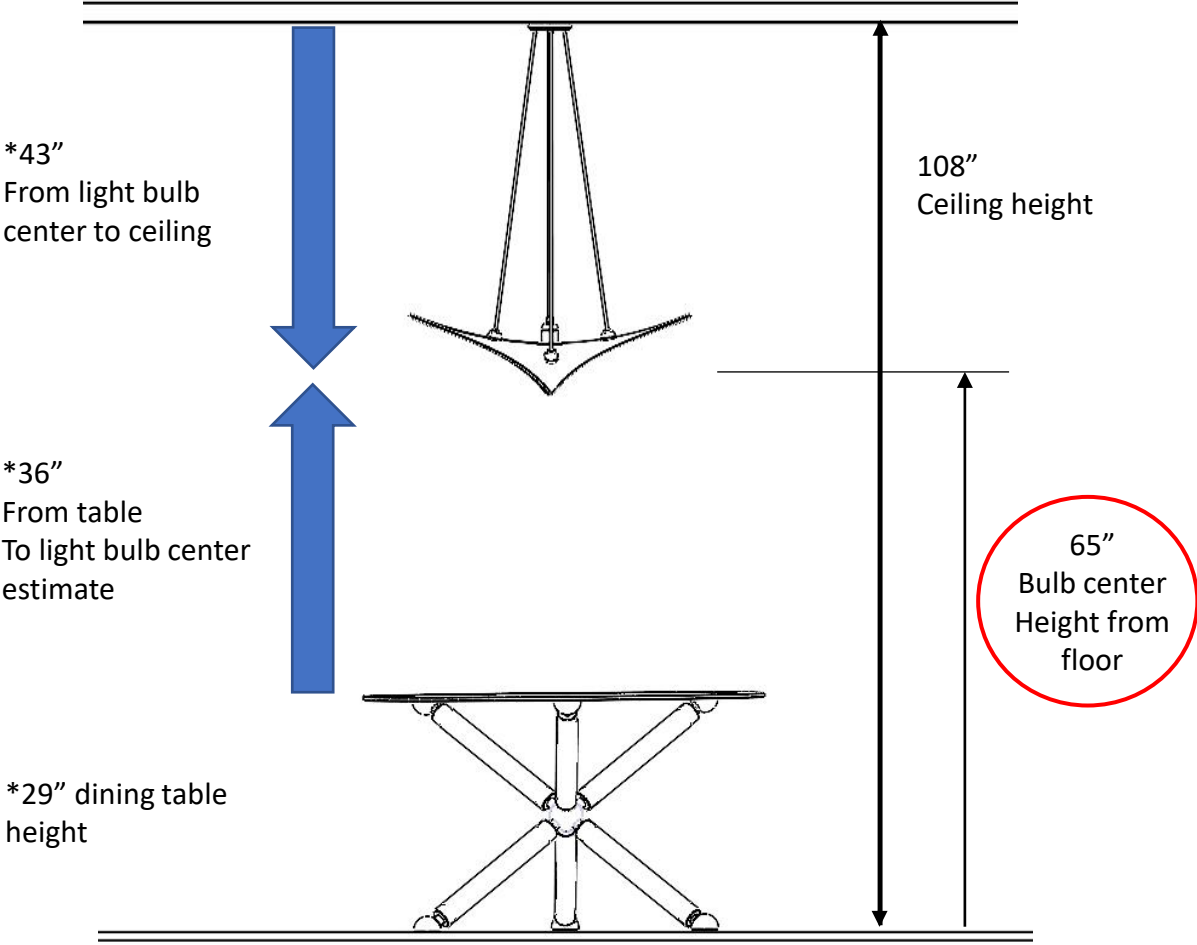
8'/96" ceiling height



Note: The length of the power cord and suspension cables are 60" if you wish to have the light fixture closer to the dining table

Diagram A

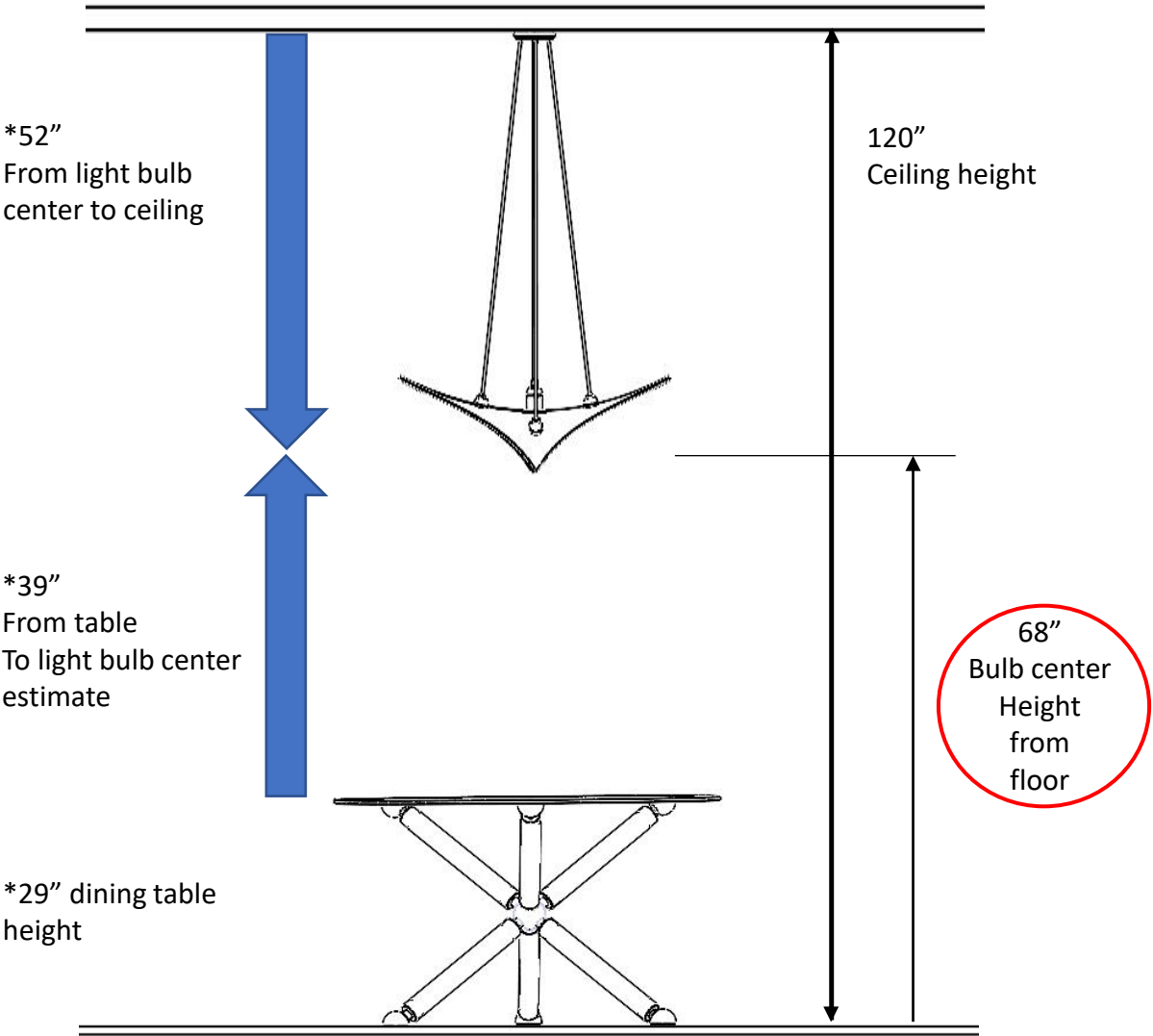
9'/108" ceiling height



Note: The length of the power cord and suspension cables are 60"
if you wish to have the light fixture closer to the dining table

Diagram B

10'/120" ceiling height



Note: The lengths of the power cord and suspension cables are 60" if you wish to have the light fixture closer to the dining table

Diagram C

We suggest that the light fixture is installed by a licensed Electrician and that all safety protocol is observed and followed.

Step 1

- Turn off all power to ceiling electrical box; check with voltage meter device for confirmation

Step 2

- Attach interior canopy metal cup plate to ceiling electrical box with screws—IMPORTANT!--confirm that the aligned inner cup and outer canopy orient the cable connector pattern that accommodates the membrane or dome arc cover as the connectors are not the same orientation; each differ according to where the wire support connectors are located on the light shells. The Membrane light connector orientation requires a connector orientation 45 degrees different from the Arc with Dome light. See Diagrams D & E page 7.



Pic 1



Pic 2

Step 2 (cont'd)

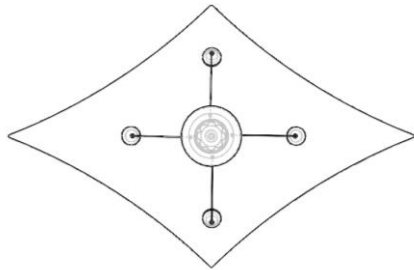
- You will need to align the outer canopy with the inner canopy cup with the (3) side thumbscrew holes to confirm that the wire connectors arrangement on the canopy are the right layout for either the Membrane or Arc with Dome light fixture.

Align side mounting holes of inner and outer canopy and check orientation of the connectors, both on the canopy and on 1/2 sphere connectors on the light shell. The Membrane Arc light shell connectors are 45 degrees rotated from the Arc with Dome light shell connectors – see Diagram D & E next Page 7



Pic 3

Membrane Arc Light
Canopy Connector Pattern



Pic 4

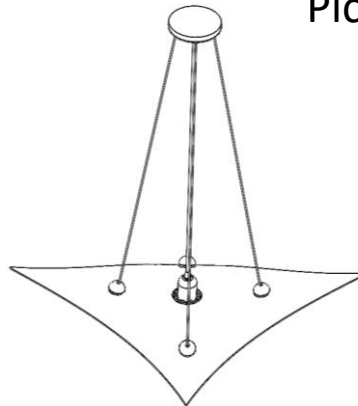
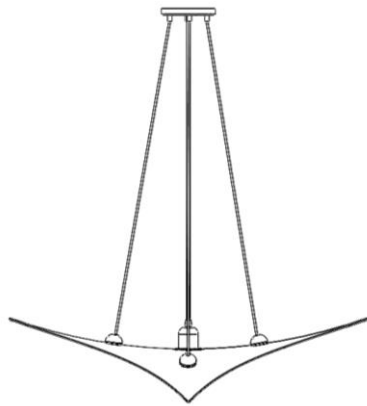
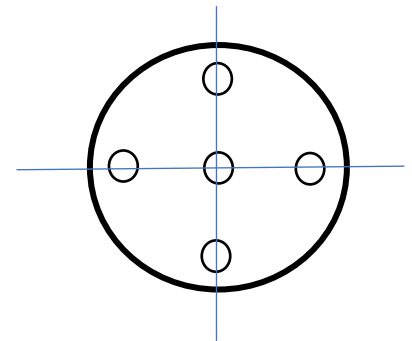
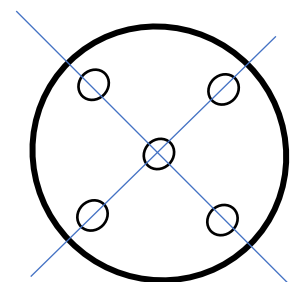


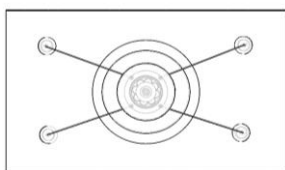
Diagram D



Note:
45-degree canopy
orientation difference
between Membrane
and Arc with
Dome Light



Arc with Dome Light
Canopy Connector Pattern



Pic 5

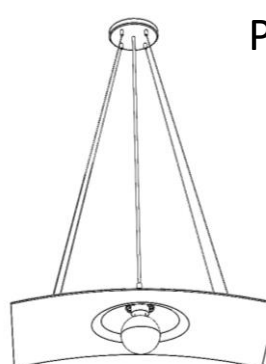
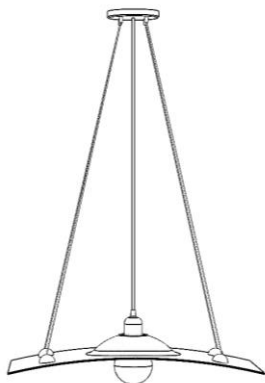


Diagram E

Step 3

- Confirm the desired light fixture bulb hanging height from floor above table; refer to either pages 2, 3 & 4 elevation drawings with suggested heights and review/adjust accordingly. You may want to have a helper hold light fixture in place for a visual evaluation just to confirm your preference. You may want to screw in a light bulb in the socket for visual reference also.

Step 4

- Once the height of light bulb from table and floor is determined, add 6" to length of power cord and cut cord. The additional 6" will extend through the center hole connector in the canopy. Tighten the set screw at the canopy fitting with a small flat screwdriver. Note the 3" extra fabric covered interior power cable (once sheath is stripped—step 5) will give you additional length to adjust the cord to 30" above a dining table if desired. If you want it closer, cut the power cord accordingly longer.



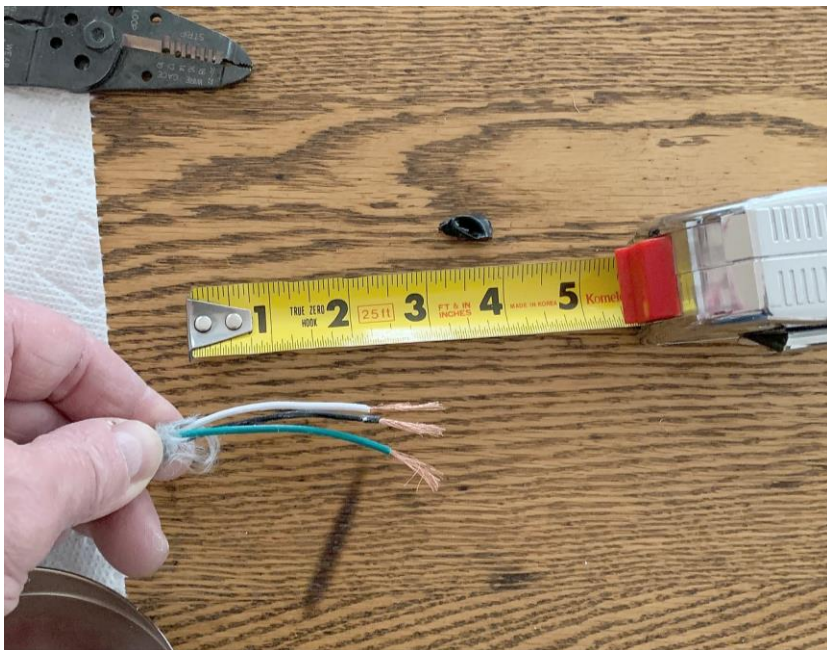
Pic 6

Step 5

- Once the power cord connector is tightened, cut the fabric wrapped plastic sheath end of the power cord 3" from the end just deep enough to expose (3) cables— black, white and green; be careful to not cut into the three cables. Strip each 18-gauge wire to expose +/- 1/2' long raw wire ends.



Pic 7



Pic 8

Step 6

- Using wire nuts, attach power cord wires to ceiling electrical box wires—match white to white and black to black. Then wrap the wires and wire nuts with electrician tape (to keep wires from pulling out of wire nuts).



Pic 9



Pic 10

Step 7

- Attach the green ground screw and wire to canopy inner cup



Pic 11



Pic 12

Step 8

- Attach (4) suspension cable wires that run through the half sphere connectors by sliding through the canopy wire connector fittings. To do this unscrew the fitting and press the fitting towards the canopy face. This disengages the internal suspension wire grippers so the wire cable can pass through. Do this operation to allow the wire to move in or out which you also will need to do when adjusting and leveling the light form shell.



Pic 13



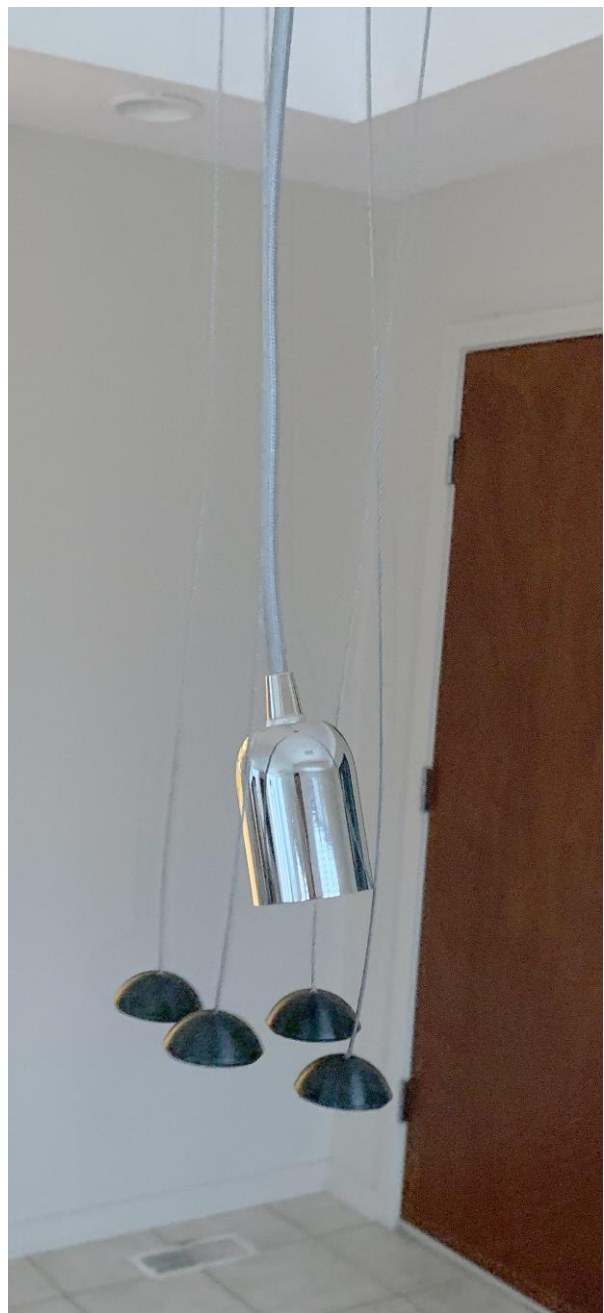
Pic 14

Step 9

- Adjust the (4) suspension wire lengths to where the black $\frac{1}{2}$ sphere connectors hang 2-3 inches below the socket cover.



Pic 15



Pic 16

Step 10

- With wire cutters, cut (4) suspension wire cables 4 -5" in length from the inner canopy cup flat surface; they may need to be cut shorter later once the fixture is at the desired height.



Pic 17

Step 11

- Fit trimmed wire cables into canopy and screw in (3) exterior thumb screws to connect and fix the two-part canopy.



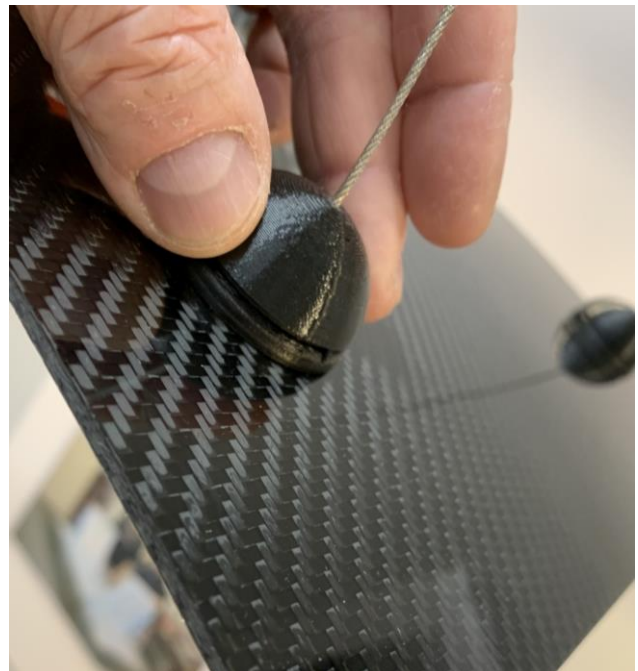
Pic 18

Step 12

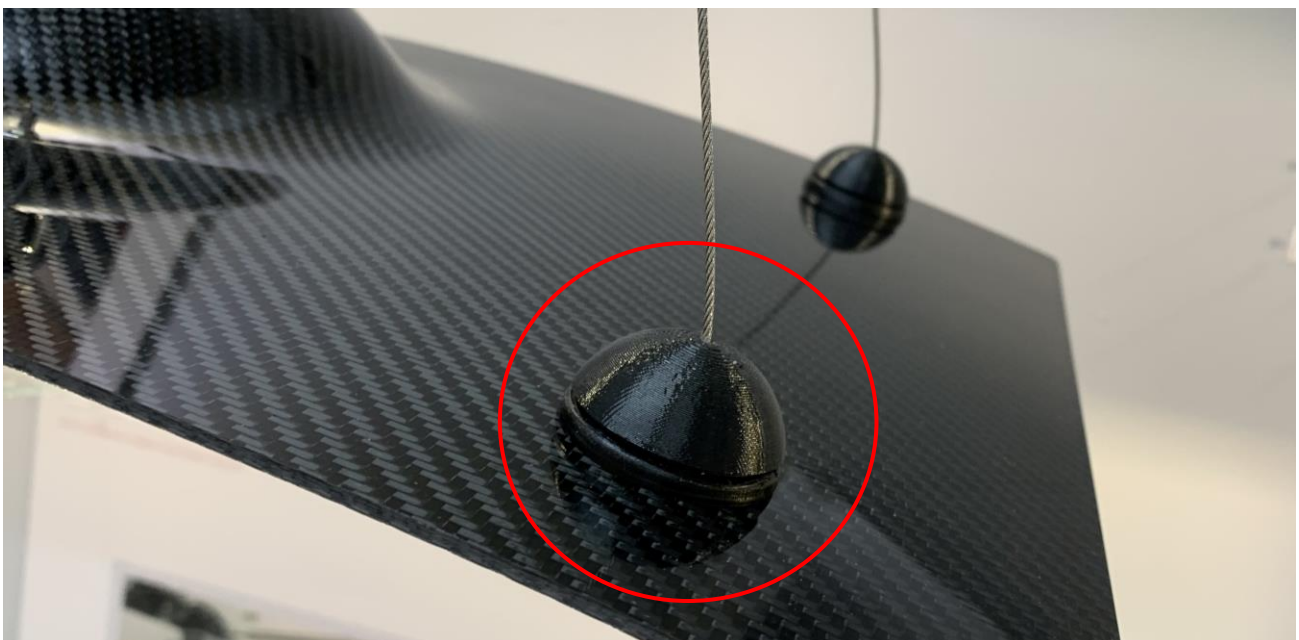
- Lift light cover in place and attach/screw on the (4) $\frac{1}{2}$ sphere connectors at the end of the suspension wire cables. Light socket cover should extend $\frac{1}{2}$ " to $\frac{3}{4}$ " on the underside of the light cover.



Pic 19



Pic 20



Pic 21

Step 13

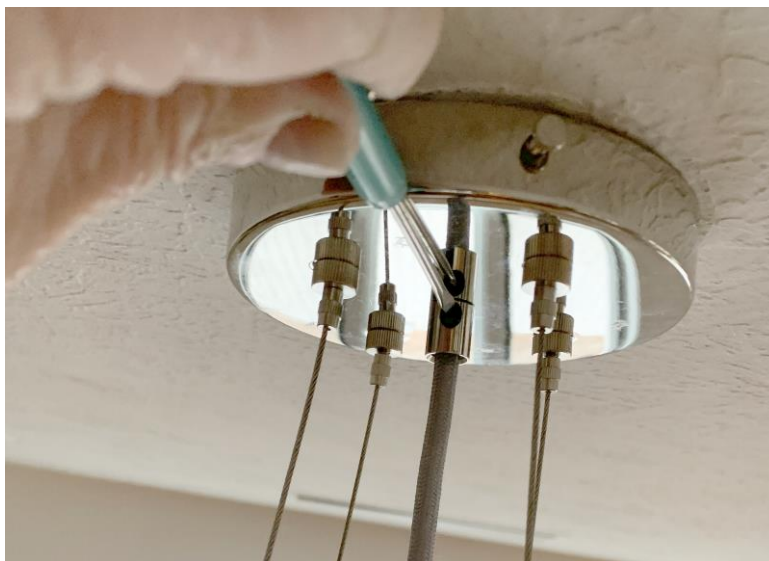
- Adjust wire suspension cables to level the canopy (see previous step 8 above)



Pic 22

Step 14

- Finish leveling the power cord and wire suspension cables.
- You will have roughly 3" of play with the internal power cord length to lower the light bulb fixture and suspension wires. Tighten all connectors when finished.



Pic 23

Note: You may need to take apart the canopy and cut the wire suspension cables to a lesser length if it becomes difficult to push the cables back into the canopy when adjusting the light fixture height.

For any additional information please contact:

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Glen Fuller @ glen.fuller@sbcglobal.net