



Date: \_\_\_\_\_ Fixture: \_\_\_\_\_  
QTY: \_\_\_\_\_ Project: \_\_\_\_\_

# Zip Cloud

## Suspended Direct

Contemporary design. Powder coated aluminum extrusion. Seamless body. Suspended and flush mount options. Direct distribution. 200,000 hr+ L70 w/Samsung LEDs. cULus Listed. Designed and manufactured in North America. 10 Year Warranty

### Performance

Model	Watts	Delivered Lumens
18"	20, 40, 70	2,400, 4,800, 8,400
24"	20, 40	2,400, 4,800
36"	40, 80, 120, 160	4,800, 9,600, 14,400, 19,200
44"	80, 120, 160	9,600, 14,400, 19,200



### Ordering Options

MODEL	SIZE	WATTS	COLOR TEMP	VOLTAGE	DISTRIBUTION	FINISH	MOUNTING
Zip Cloud	18	20, 40, 70	3K 3000K	U 120/277V	DIRECT	WH White	AC Aircraft Cable
	24	20, 40	35K 3500K	H 347/480V		*CU Custom	SM Surface Mount
	36	40, 80, 120, 160	4K 4000K				
	44	80, 120, 160	5K 5000K				

ZIP CLOUD					DIRECT		
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WIRING	ACCESSORIES	CANOPY FINISH
<b>BFC 3 WIRE</b> Black 3 Conductor Wire ___ <b>BFC 5 WIRE</b> Black 5 Conductor Wire ___ <b>WFC 3 WIRE</b> White 3 Conductor Wire ___ <b>WFC 5 WIRE</b> White 5 Conductor Wire ___ <b>*GFC</b> Grey Flexible Cord <b>N</b> No Cord	<b>10D</b> 0-10V Dimming <b>DIMOFF</b> 0-10 1% Dim to off Driver	<b>WH</b> White <b>*CU</b> Custom

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**SAMPLE:** ZipCloud - 18 - 40 - 4K - U - DIRECT - WH - AC - BFC 3 WIRE - 10D - WH

**CU** - Please consult factory  
**GFC** - Please consult factory

Specifications subject to change without notice.

## Product Details

### Specifications

Efficacy: 120 Lm/W  
CRI: 80+  
Color Temperature: 3000K, 3500K, 4000K, 5000K  
Lumen Maintenance: 200,000+ Life Hours (L70)  
Voltage: 120/277V | 347/480V  
Operating Temperature: -20°C to +40°C

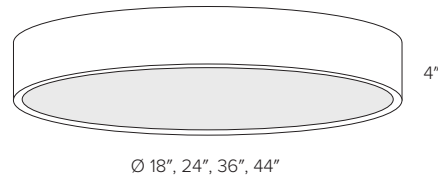
### Controls

0-10V Dimming, NEDAP

### Mounting

Aircraft Cable, Surface Mount

## Dimensions



## Installation Instructions

### NOTE:

Follow the Electrical Codes of the Country where this fixture will be installed. For Canada follow the Canadian Electrical Code (CE) and for the United States follow the National Electrical Code (NEC). Failure to follow these instructions could result in electric shock or damage property. All wiring should also be performed by a qualified electrician.

## Zip Cloud 18, 24 Suspended

### Steps

- 1.** Disconnect the electrical power on the electrical panel prior to installing the zip cloud fixture.
- 2.** Remove the existing light fixture (if existing). The only thing left on the ceiling should be the junction box with existing AC wire conductors and ground wire (Fig. 1).
- 3.** Screw the supplied junction box crossbar assembly to the junction box on site as shown (Fig. 2).

Fig. 1

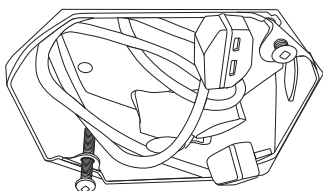
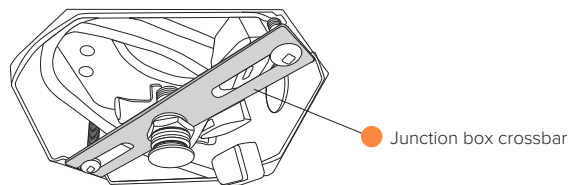


Fig. 2



**4.**

Remove the canopy plate from the hardware bag (Fig. 3). Turn the canopy plate over and feed the galvanized cables through the hole on the knurled head bolt (Fig. 4 & 5).

Fig. 3

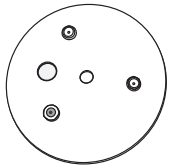


Fig. 4

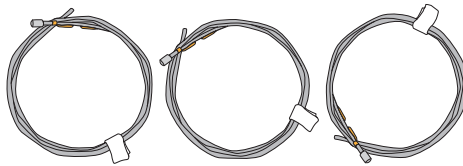
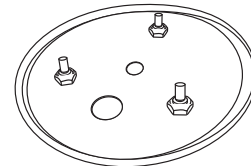


Fig. 5



**5.**

Align the Zip Cloud in such a manner that the galvanized aircraft cables “go outwards” nicely and don’t cross one another.

**6.**

Feed each cable through the appropriate side exit cable gripper (Fig. 6 & 7). The Zip Cloud should be parallel to the floor (ie: should not be slanted to one side).

Fig. 6

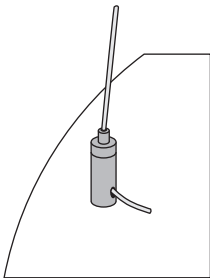
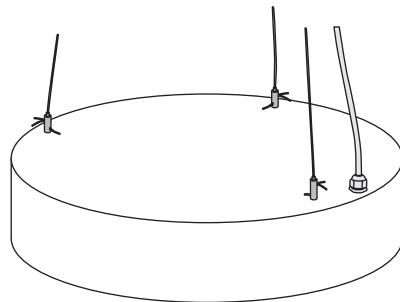


Fig. 7



**7.**

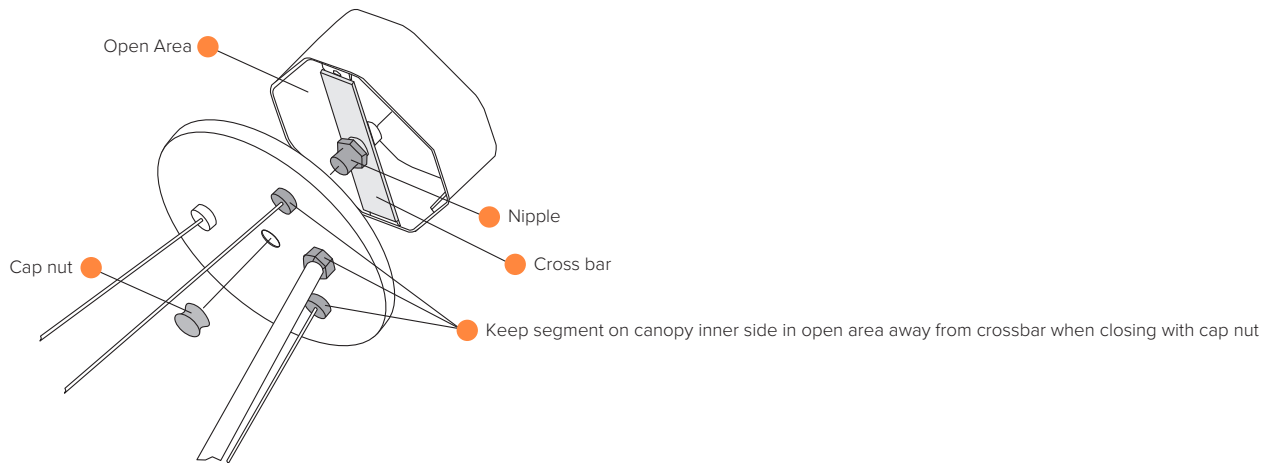
Pull the existing 18-3 AWG wire from the top of the Zip Cloud fixture through the white strain relief and into the canopy plate box. Leave the appropriate amount of wire to feed into the junction box. Connect the appropriate wires using wire nuts (black to black, white to white and green to ground wire). Ensure the ground wire is also grounded to the junction box using a ground screw

**8.**

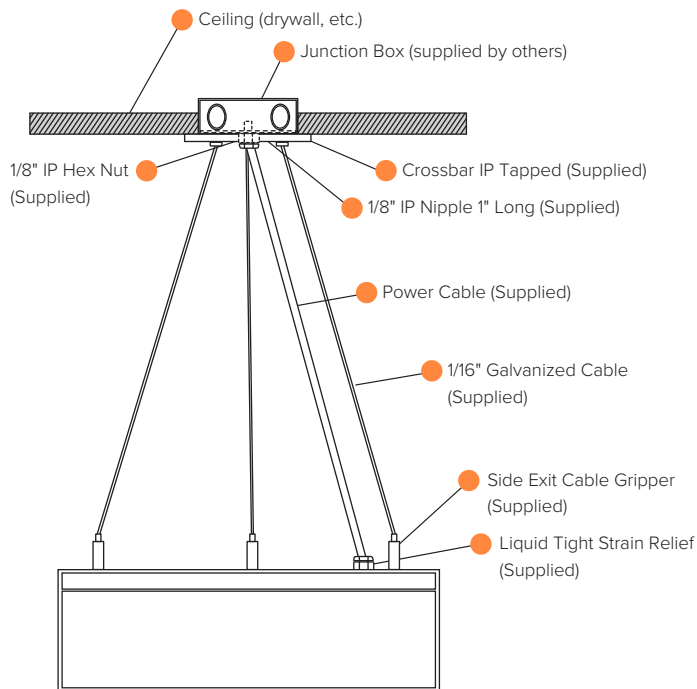
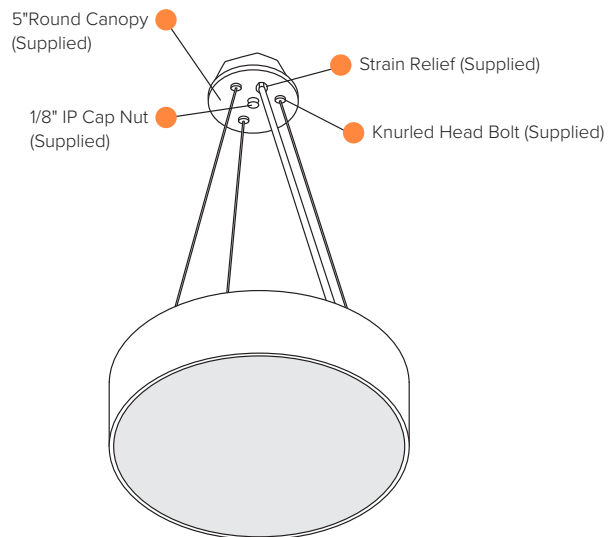
Check all connections for open loops and replace loose/damaged wires.

- 9.** Remove the cap nut from the crossbar assembly and insert the white canopy assembly with Zip Cloud fixture attached through the nipple. When closing the canopy ensure that the heads on the cables do not interfere with the crossbar. The canopy lip should be flush with the ceiling and at least 4 to 5 threads on the nipple should be used to fasten the cap nut back on (Fig. 8).

**Fig. 8**



- 10.** Turn the electrical power on from the electrical panel to make sure the light turns on.
- 11.** Once it is verified that the Zip Cloud fixture turns on properly turn the electrical power off.
- 12.** Measure the distance required from the canopy to the top of the zip light. Adjust the galvanized aircraft cables by pushing the top bottom on the side exit cable gripper. If needed the installer can also reduce the length of the power cable by following steps 7-9 again.
- 13.** Turn on the electrical power when dimensions are finalized again. Check for loose cables and wire connectors.
- 14.** For large installations the installer may have to use the first fixture as a template and then perform the same action on the remaining fixtures should as adjustments and power cable trimming. The above instructions are a general guide.



## Zip Cloud 36, 44 Suspended

### Steps

- 1.**  
Disconnect the electrical power on the electrical panel prior to installing the zip cloud fixture.
- 2.**  
Remove the existing light fixture (if existing). The only thing left on the ceiling should be the junction box with existing AC wire conductors and ground wire (Fig. 1)
- 3.**  
Screw the supplied junction box crossbar assembly to the junction box on site as shown (Fig. 2).

Fig. 1

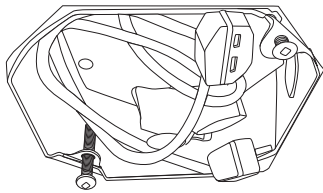
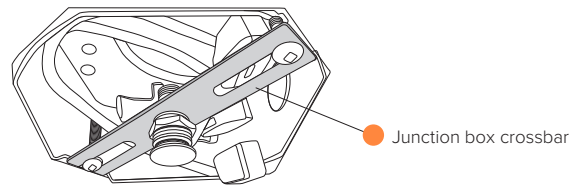


Fig. 2



- 4.**  
Unwrap the supplied aircraft cables (5 pcs - Fig. 3) and feed each cable through the ceiling support brackets (Fig. 4) with the fused end of the cable on the inside of the support bracket.

Fig. 3

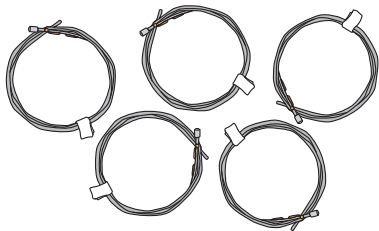
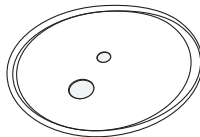


Fig. 4



5.

Feed each cable through the appropriate side exit cable gripper (Fig. 5 & 6). The Zip Cloud should be parallel to the floor (ie: should not be slanted to one side). There should be 5 aircraft cables connected to 5 side exit cable grippers (Fig. 7).

6.

Place the Zip Cloud fixture on a flat surface and vertically align each ceiling support bracket to each side exit cable gripper. Fasten the ceiling support brackets in place using the appropriate hardware. Should look like Fig. 7).

Fig. 5

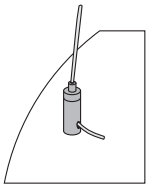


Fig. 6

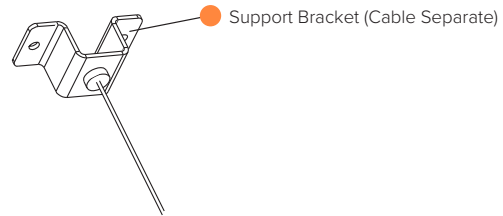
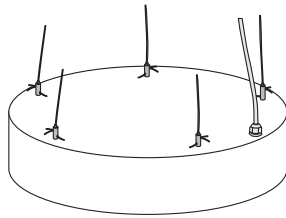
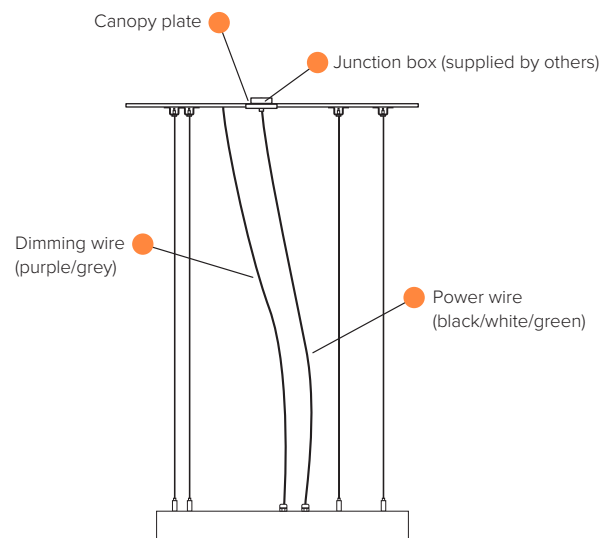
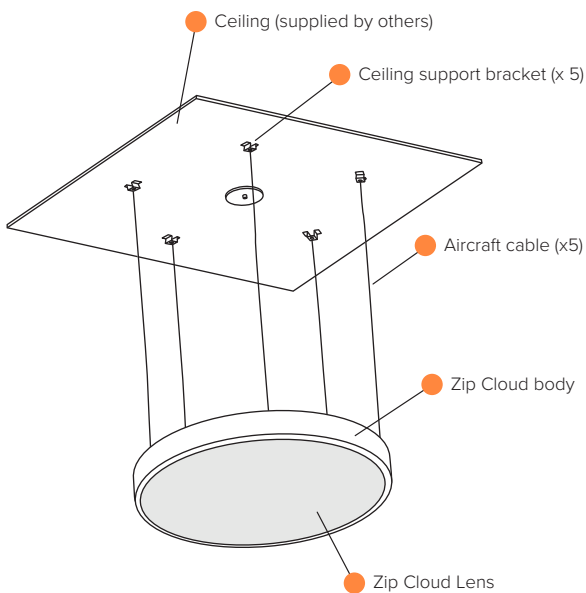
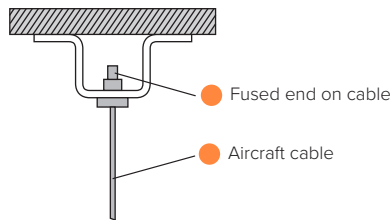
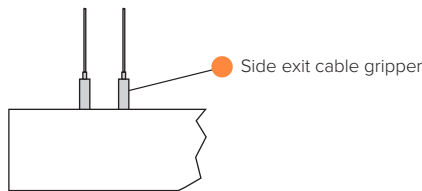


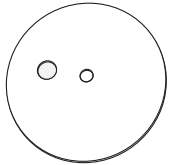
Fig. 7



**7.**

Pull the existing 18-3 AWG wire from the top of the Zip Cloud fixture through the white strain relief and into the canopy plate box (Fig. 8). Leave the appropriate amount of wire to feed into the junction box. Connect the appropriate wires using wire nuts (black to black, white to white and green to ground wire). Ensure the ground wire is also grounded to the junction box using a ground screw. At the same time do the connection for the dimming if required by pulling the cord to the existing dimming control wires. The purple dimming wire is for +ve dimming and grey wire for -ve dimming.

**Fig. 8**



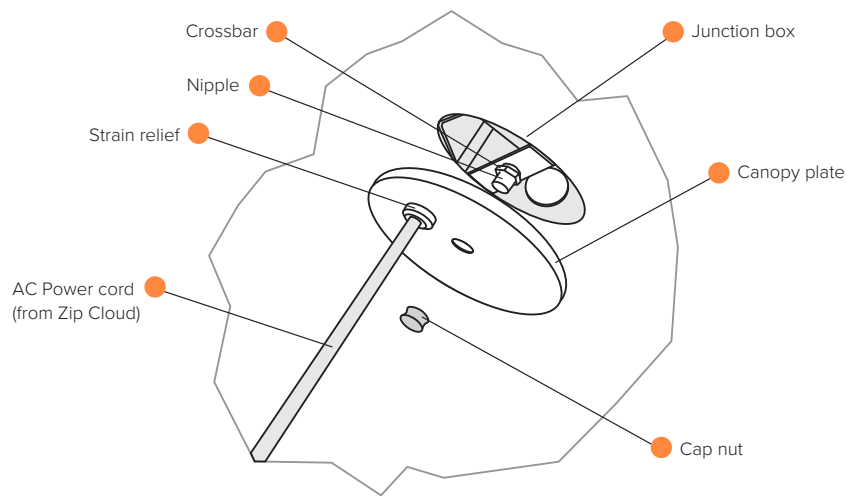
**8.**

Check all connections for open loops and replace loose/damaged wires.

**9.**

Remove the cap nut from the crossbar assembly and insert the white canopy assembly with Zip Cloud fixture attached through the nipple. The canopy lip should be flush with the ceiling and at least 4 to 5 thread on the nipple should be used to fasten the cap nut back on (Fig. 9)

**Fig. 9**





**10.**

Turn on the electrical power on from the electrical panel to make sure the light turns on.

**11.**

Once it is verified that the Zip Cloud fixture turns on properly turn the electrical power off.

**12.**

Measure the distance required from the canopy to the top of the Zip Cloud fixture. Adjust the galvanized aircraft cables by pushing the top bottom on the side exit cable gripper. The installer should also reduce the length of the power cable and dimming cable if required by disconnecting power, trimming and stripping appropriate length of wire for connectors.

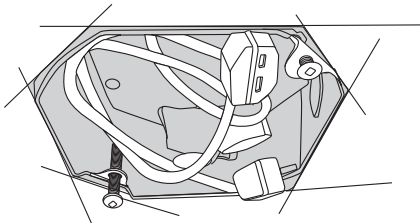
## Installation Instructions

### Zip Cloud Flush Mount

#### Steps

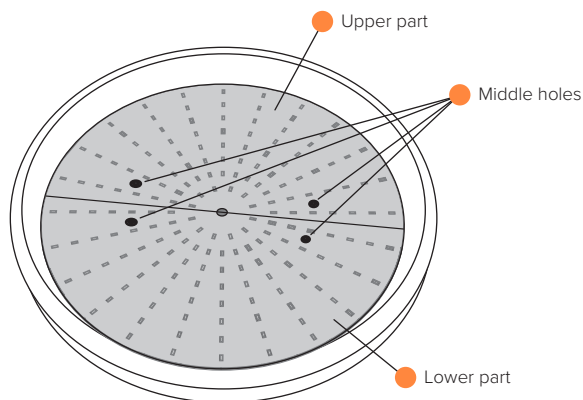
- 1.**  
Disconnect the electrical power on the electrical panel prior to installing the zip cloud fixture.
- 2.**  
Remove the existing light fixture (if existing). The only thing left on the ceiling should be the junction box with existing AC wire conductors and ground wire (Fig. 1).

Fig. 1



- 3.**  
Remove the Zip Cloud from its shipping box and place on flat surface (Fig. 2).

Fig. 2



- 4.**  
The LED panels are supported by aluminum material shaped in half circles. There is an upper part and lower part so when the led panels are removed then there is no confusion how to put the half circles back into place after mounting the fixture to the ceiling.

5.

Remove the 3 black head screws in the upper part (Fig. 3) and also in the lower part (Fig. 4). There are nylon washers which help to prevent electrical shorting of the metal screw head with the metal board. Ensure one has removed 6 black head screws and nylon washers in Fig. 5.

Fig. 3 & Fig. 4

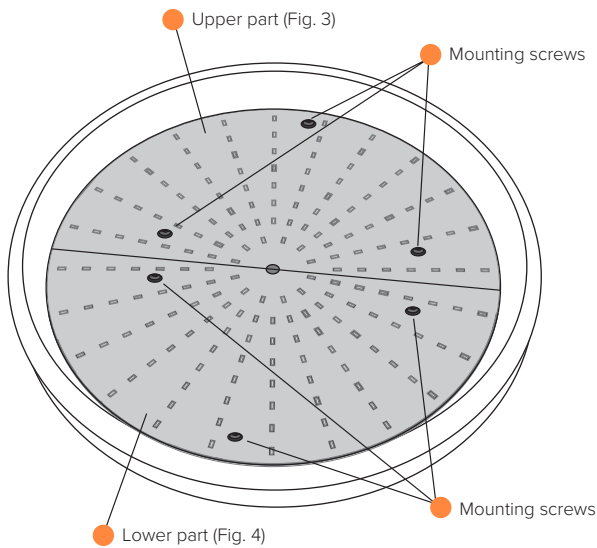
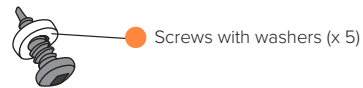


Fig. 5



6.

There is a label on the fixture inside body showing UPPER and LOWER (Fig. 6) and corresponding labels on the back of the LED panels (Fig. 7 and Fig. 8). The labels are on the fixture and on the back of the panels to ensure no confusion when disassembling and assembling the fixture.

Fig. 6

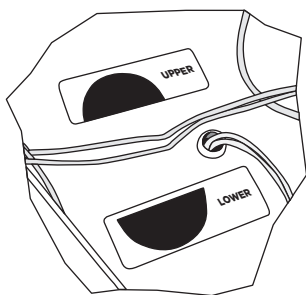


Fig. 7

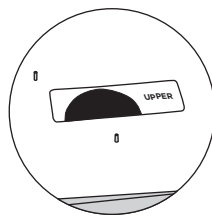
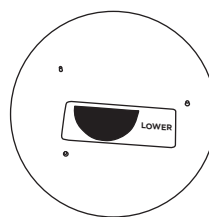


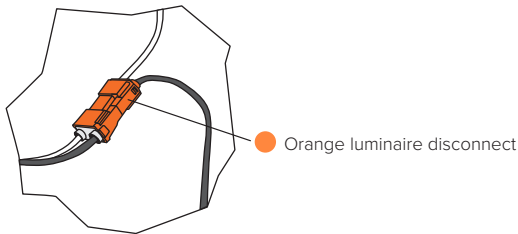
Fig. 8



**7.**

Find the orange luminaire disconnect (Fig. 9) and remove (disconnect) the male portion. Now set the LED panel upside down on a piece of cardboard and ensure the board does not get scratched by anything. The female portion should be left in the fixture.

**Fig. 9**



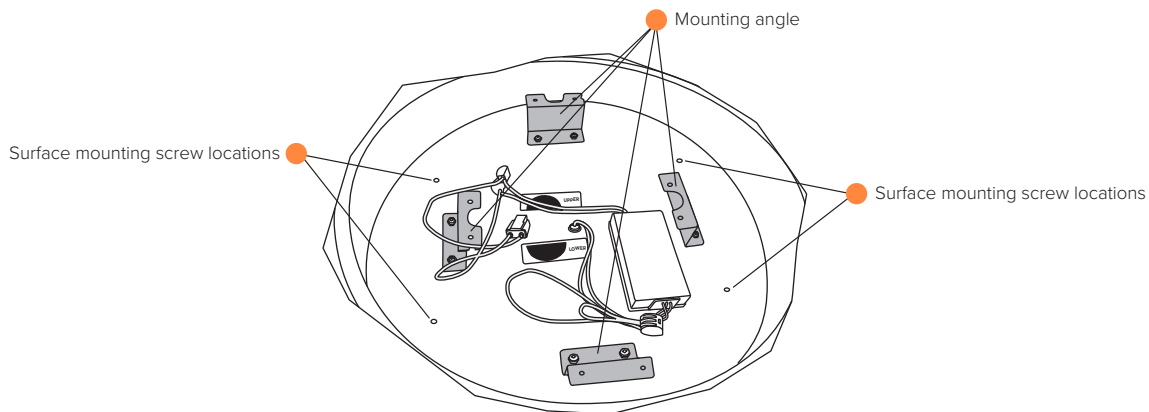
**8.**

Pull the existing 18-3 AWG wire from the top of the Zip Cloud into the junction box. Connect the appropriate wires using wire nuts (Black to Black, White to White and Green to Ground wire). Ensure the ground wire is also grounded to junction box using a ground screw.

**9.**

There are four holes pre-drilled on the Zip Cloud housing for screws to go through for flush mounting to ceiling (Fig. 10).

**Fig. 10**

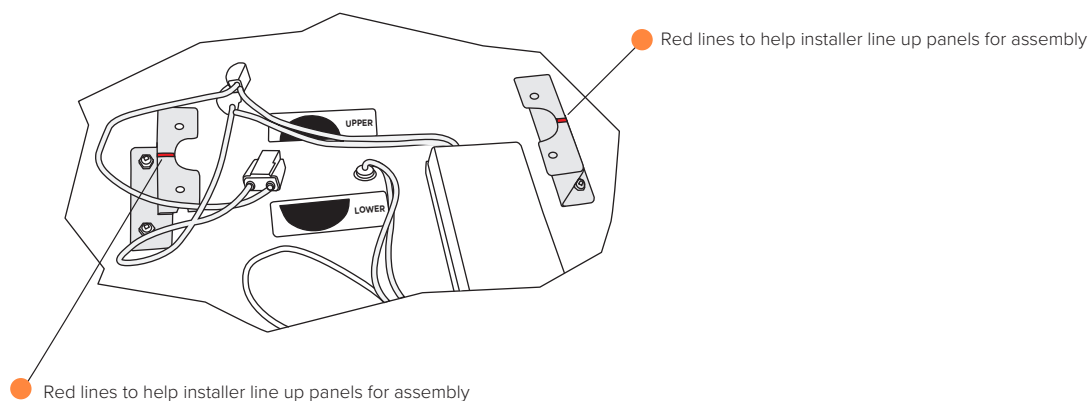


**10.**

Use a #10 or #12 screw (wood screw for wood, tapcon screw for concrete or self drilling screws for metal, etc.) Ensure the pre-drilled holes do not interfere with anything existing in the ceiling. If that is the case the installer should drill new holes and ensure that no mounting angles gets damaged. Wipe any debris left from drilling/screw from inside the sides of the fixture and the bottom lip.

- 11.** Take note of the red lines on the mounting angles (Fig. 11). Use the lines as a guide when placing the LED half moon plates back into the fixture. First connect the orange luminaire disconnect together - should like Fig. 9.

**Fig. 11**



- 12.** Orient the LED panels in such a manner that the UPPER LED plate lines up with the UPPER area on the fixture body - Fig. 7. and the LOWER LED plate lines up with the LOWER area - Fig. 8. One should see that 3 holes will become visible that will be used to fasten the LED plates to the fixture body on each half. Check by hand and make sure that the plates are snug in place.

- 13.** Use the black head screws with nylon washer and fasten the 6 screws respectively into place - see Fig. 3, 4, and 5. It might be easier to first fasten the 4 middle holes then the 2 remaining further holes after.

- 14.** Check for loose wire or connections and turn on the power to ensure the light functions prior to placing the lens in the fixture.

- 15.** Turn off the power and slide the provided lens through the front opening. The lens might have to be held in a curved position to get through the opening. Ensure the plastic removable side stays towards the fixture opening (outside).

- 16.** Once the lens is in place remove the plastic from the front side plastic - the lens should be shiny.

- 17.** Turn on the power to test the light and proceed with the next light installation.