Zip Cloud

Suspended | Flush Mount

Zip Cloud
Suspended | Flush

FEATURES

- Suspended and flush mount options
- Direct and Direct Indirect Distribution
- Powder coated aluminum extrusion
- Seamless body
- Oval uniform lens
- 200,000+ hr L70 w/ Samsung LEDs

c UL us LISTED

10 Year Warranty

SPECIFICATIONS

Efficacy:
120 Lm/W

CRI:
80+

Color Temperature:
3000K, 3500K, 4000K, 5000K

Lumen Maintenance:
L70 @ 200+K | L90 @ 100K

Voltage:
120/277V | 347/480V

Control Options:
0-10V Dimming, NEDAP - Option

Operating Temperature:
-20°C to +40°C

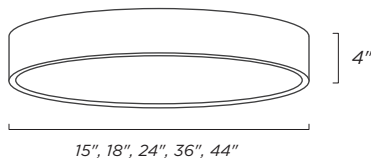**Mounting Options:**
Aircraft Cable, Flush Mount

Wiring Options:
Black, White Flexible Cord, 3 and
5 Conductor Wire

OUTPUT PERFORMANCE

Models	Input Watts	Lm/W	Delivered Lumens
15″	12, 20, 30	120	11,440, 2,400, 3,600
18″	20, 40, 70	120	2,400, 4,800, 8,400
24″	20, 40	120	2,400, 4,800
36″	40, 80, 120, 160	120	4,800, 9,600, 14,400, 19,200
44″	80, 120, 160	120	9,600, 14,400, 19,200

DIMENSIONS

4″

15″, 18″, 24″, 36″, 44″

Specifications subject to change without notice.

FINISH OPTIONS

WHITE
Standard Finish

ORANGE
Custom Finish

GREY
Custom Finish

BLACK
Custom Finish

BLUE
Custom Finish

GOLD
Custom Finish

ADDITIONAL FINISHES AVAILABLE
Please contact delviro.com for more information

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 Suspended 15″, 18″, 24″

Installation Instructions

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).
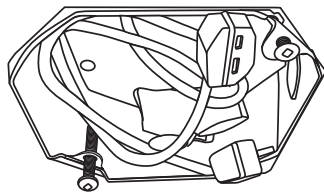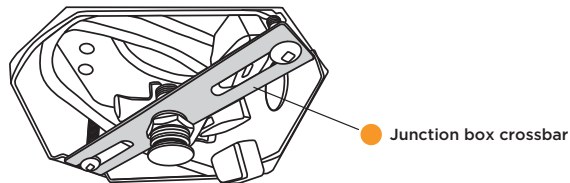
Fig. 1   **Fig. 2**

Junction box crossbar

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).
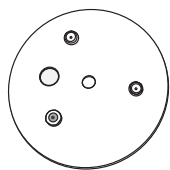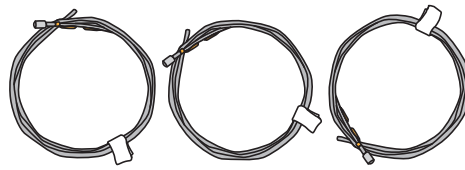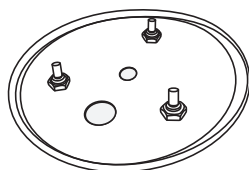
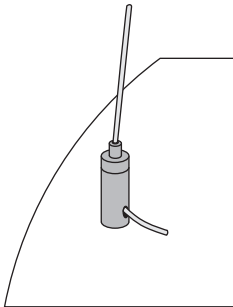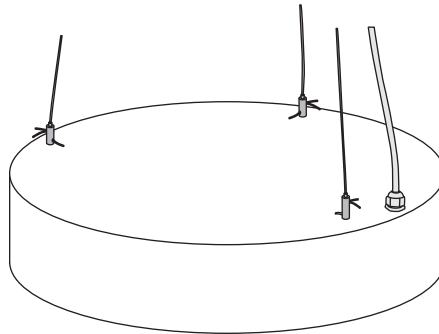**Fig. 3**   **Fig. 4**

Fig. 5

INSTALLATION INSTRUCTIONS

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).
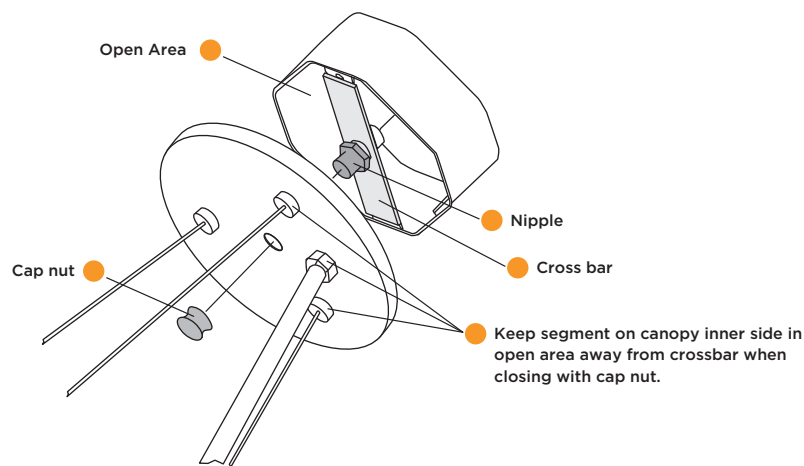
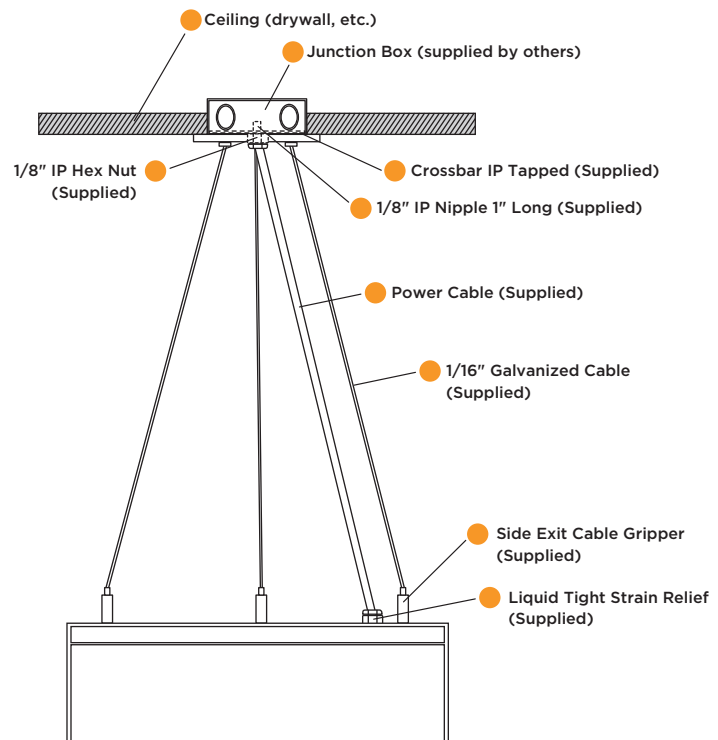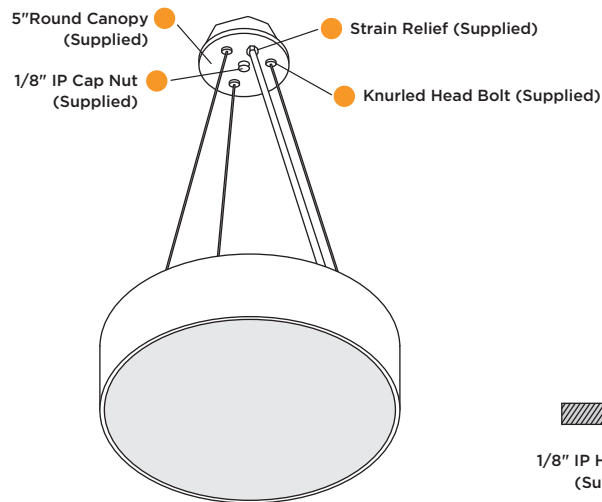**Fig. 6**   **Fig. 7**

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

Open Area

Cap nut

Nipple

Cross bar

Keep segment on canopy inner side in open area away from crossbar when closing with cap nut.

INSTALLATION INSTRUCTIONS

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.

5"Round Canopy (Supplied)

Strain Relief (Supplied)

1/8" IP Cap Nut (Supplied)

Knurled Head Bolt (Supplied)

Ceiling (drywall, etc.)

Junction Box (supplied by others)

1/8" IP Hex Nut (Supplied)

Crossbar IP Tapped (Supplied)

1/8" IP Nipple 1" Long (Supplied)

Power Cable (Supplied)

1/16" Galvanized Cable (Supplied)

Side Exit Cable Gripper (Supplied)

Liquid Tight Strain Relief (Supplied)

INSTALLATION INSTRUCTIONS

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>
> 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 Suspended 36" & 44"

Installation Instructions

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).
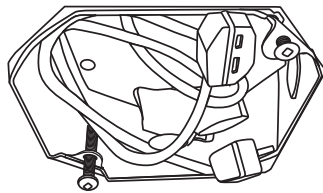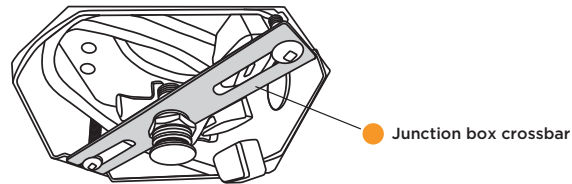
Fig. 1

Fig. 2

Junction box crossbar

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

5. 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). There should be 5 aircraft cables connected to 5 side exit cable grippers (Fig. 8).

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. 8).

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. 3). 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.
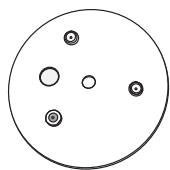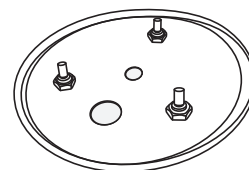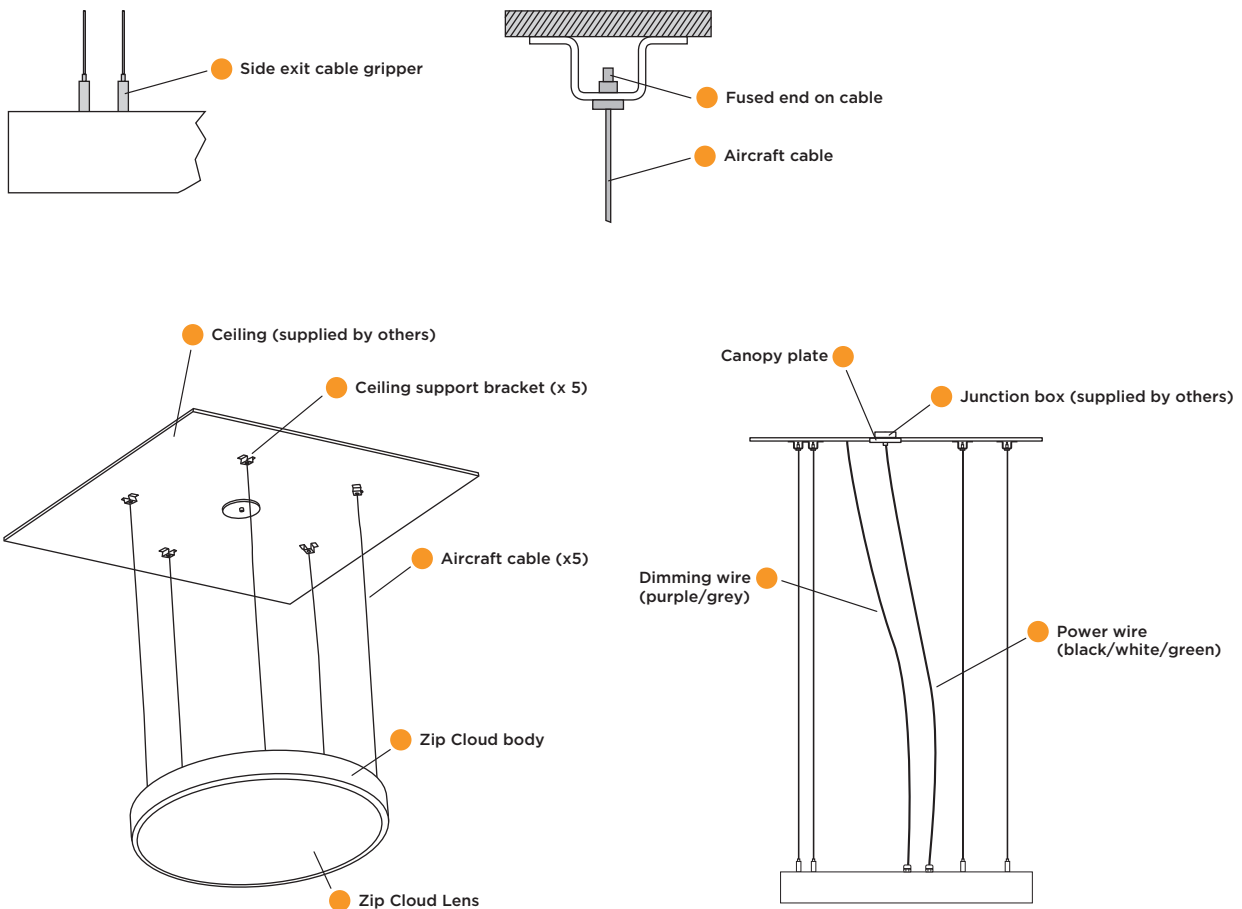
Fig. 3

Fig. 4

Fig. 5

INSTALLATION INSTRUCTIONS

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).

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.

Fig. 8
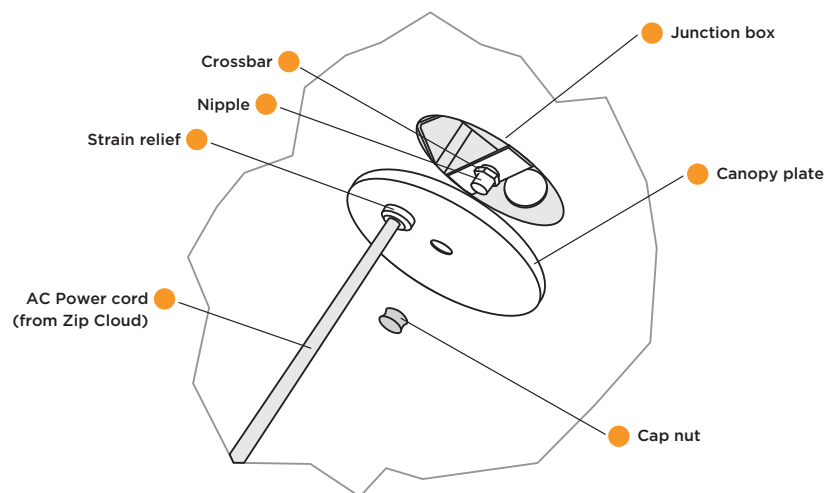
Side exit cable gripper

Fused end on cable

Aircraft cable

Ceiling (supplied by others)

Ceiling support bracket (x 5)

Aircraft cable (x5)

Zip Cloud body

Zip Cloud Lens

Canopy plate

Junction box (supplied by others)

Dimming wire (purple/grey)

Power wire (black/white/green)

INSTALLATION INSTRUCTIONS

Fig. 9

Crossbar

Nipple

Strain relief

AC Power cord
(from Zip Cloud)

Junction box

Canopy plate

Cap nut

INSTALLATION INSTRUCTIONS

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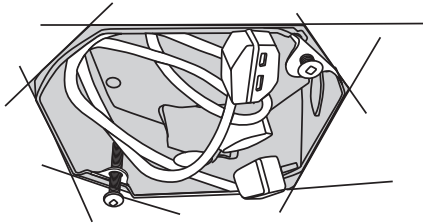
# Zip Cloud Flush Mount
Installation Instructions

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

Upper part

Middle holes
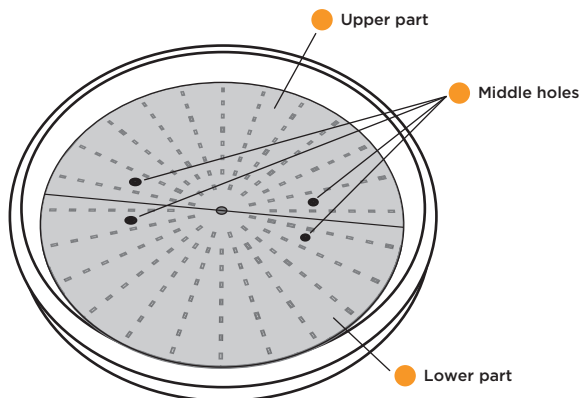
Lower part

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.

INSTALLATION INSTRUCTIONS

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

Upper part (Fig. 3)

Mounting screws

Mounting screws

Lower part (Fig. 4)
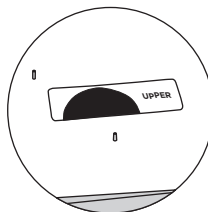
Screws with washers (x 5)
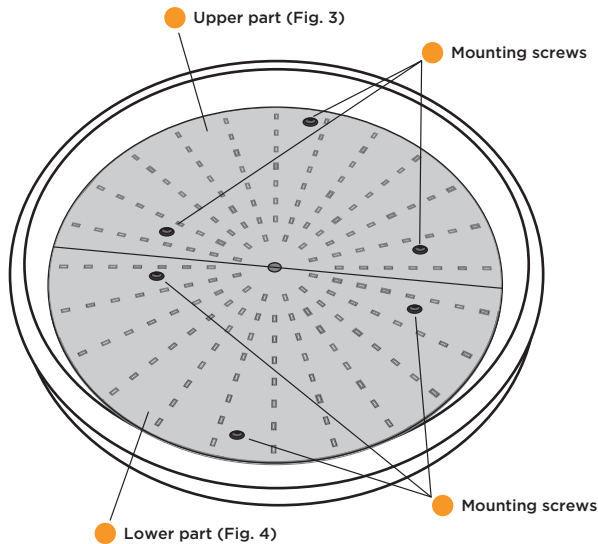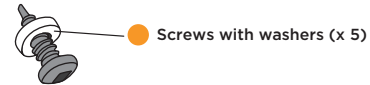
6. There is a label on the fixture inside body showing **UPPER** and **LOWER** (Fig. 6) and corresponding labels on the back of the LED panels (Fig. 7 and Fig. 8). The labels are on the fixture and on the back of the panels to ensure no confusion when disassembling and assembling the fixture.
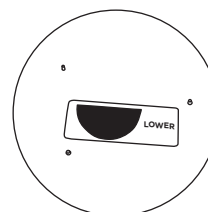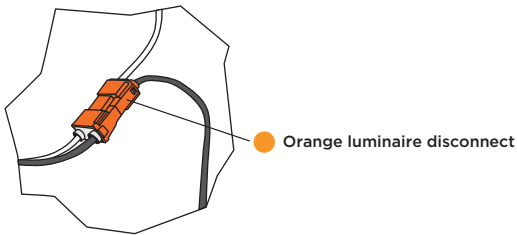
Fig. 6

Fig. 7

Fig. 8

UPPER

LOWER

UPPER

LOWER

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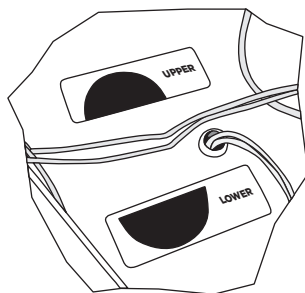
INSTALLATION INSTRUCTIONS

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

Orange luminaire disconnect

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

Mounting angle

Surface mounting screw locations

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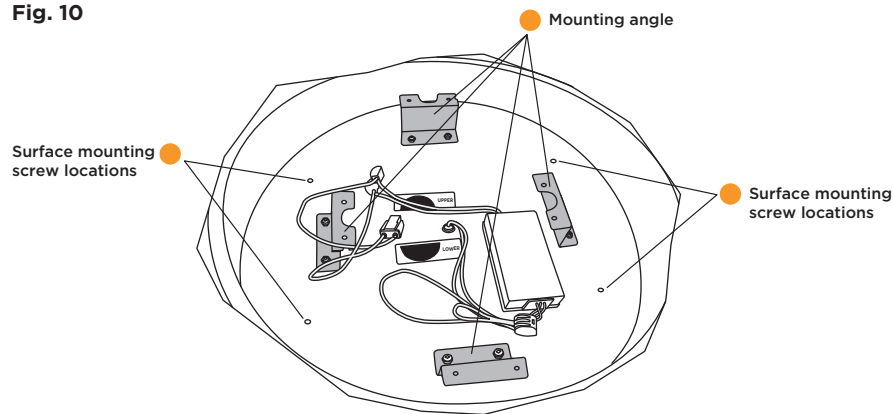
**10.** Use a #10 or #12 screw (wood screw for wood, tapcon screw for concrete or self drilling screws for metal, etc.) Ensure the pre drilled holes do not interfere with anything existing in the ceiling. If that is the case the installer should drill new holes and ensure that no mounting angles gets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

INSTALLATION INSTRUCTIONS

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 like Fig. 9.

Fig. 11

Red lines to help installer line up panels for assembly
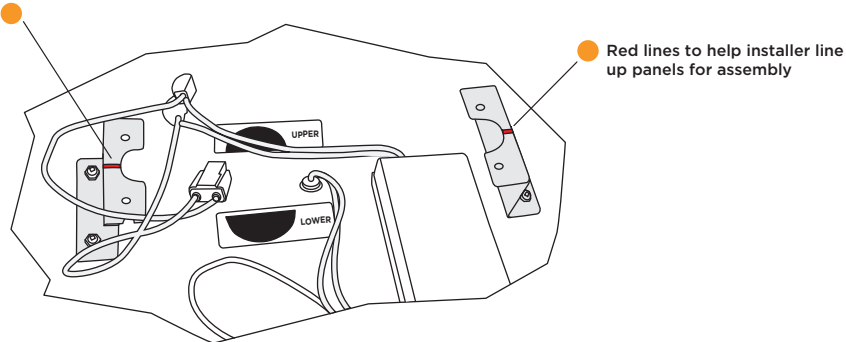
Red lines to help installer line up panels for assembly

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 L**OWER** 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.

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ORDERING GUIDE

MODEL	SIZE	WATTS	COLOR TEMP		VOLTAGE		OPTIONS	FINISH	
Zip Cloud	15	12, 20, 30	3K	3000K	U	120/277V	DIRECT	WH	White
	18	20, 40, 70	35K	3500K	H	347/480V	DIRECT-INDIRECT	CU	Custom
	24	20, 40	4K	4000K					
	36	40, 80, 120, 160	5K	5000K					
	44	80, 120, 160							

ZIP CLOUD						

MOUNTING		WIRING		ACCESSORIES		CANOPY FINISH		
AC	Aircraft Cable	N	None	10D	0-10V Dimming	WH	White (Default)	
FM	Flush Mount	BFC	Black Flexible Cord	DIMOFF	0-10 1% Dim to off Driver	CU	Custom	
		WFC	White Flexible Cord					
		3 WIRE	3 Conductor Wire White					
		5 WIRE	5 Conductor Wire Black					

NOTE

CU - Please consult factory