

ZIP CLOUD RECESSED

INSTALLATION MANUAL

SAFETY

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. Check with local electrical authority for installation compliance regulations. Due to variations in roofing materials use these installation instructions as a guideline only.

GENERAL INSTRUCTIONS

- Please read all instructions before installation.
- Always connect the grounding lead to fixture, where applicable.
- Wiring of this product should be performed by a qualified electrician and must adhere to national and local building and electrical codes.
- Ensure power source conforms with the fixture requirements.
- LED lamp replacement Marking - identifying the replacement LED lamp type/model to be used along with the manufacturer and ordering information.
- This device is not intended for use with emergency exits.

WARNINGS



Risk of Fire or electric shock. This luminaire installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.



Risk of Fire or electric shock. Disconnect power at the electrical panel before installing or servicing the luminaire.



Based on maximum voltage restrictions for class 2 recruits in Canadian Electrical Code, the output cannot be accessible. This product has accessible output terminals. This product complies with the requirements since the installation instruction requires installation in Restricted Access Area.



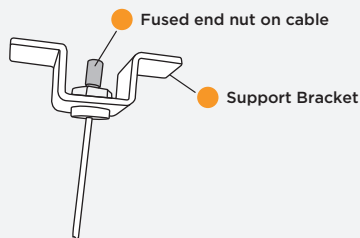
To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Zip Cloud Recessed 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.
3. Unwrap the supplied aircraft cables (3 pieces) and feed each cable through the ceiling support brackets (Fig. 1) with the fused end of the cable on the inside of the support bracket.

Fig. 1



4. Now feed each cable end through the appropriate reverse cable gripper (Fig. 2 + 3). The Zip Cloud should be parallel to the floor (i.e. should not be slanted to one side). There should be 3 aircraft cables connected to 3 reverse cable grippers (Fig. 5).

Fig. 2

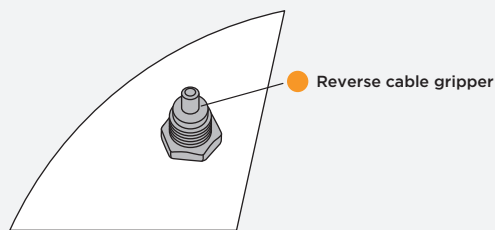
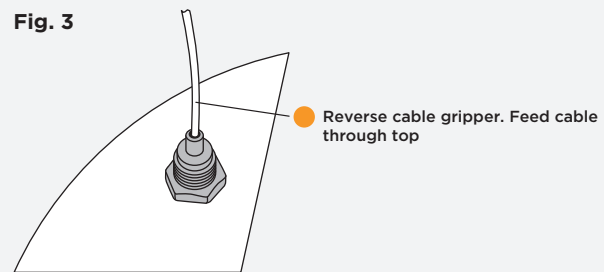
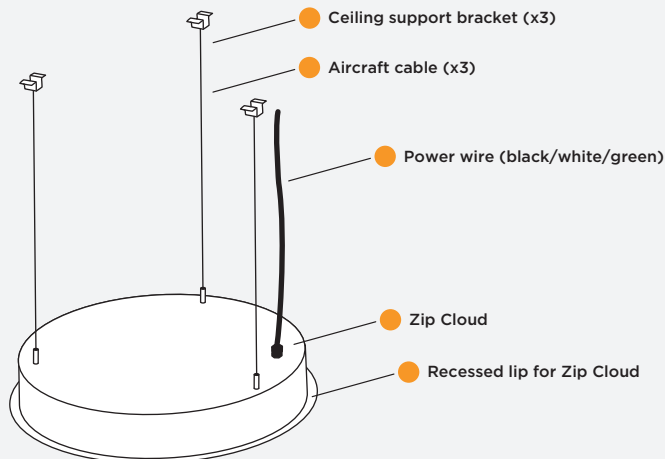


Fig. 3



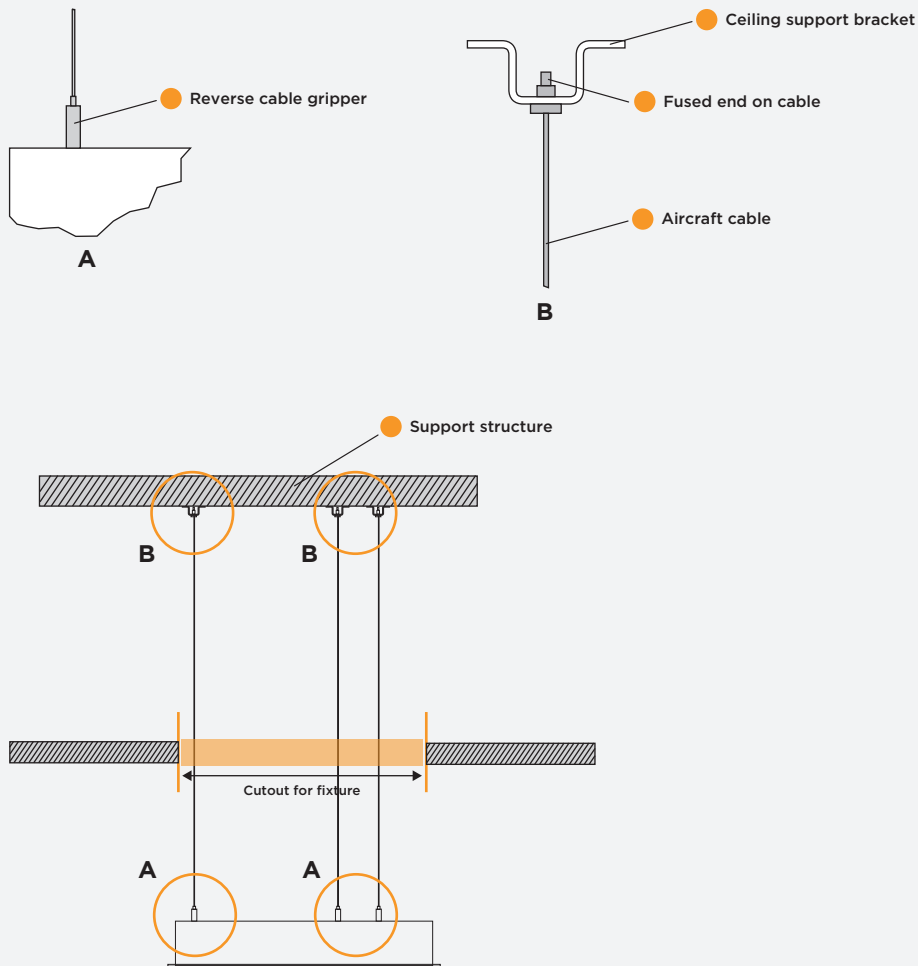
5. Vertically align each ceiling support bracket to each reverse cable gripper. Fasten the ceiling support brackets in place using the appropriate hardware (Fig. 4 + 5). Installer can mark location of ceiling support brackets and place appropriate fastening plugs in place.

Fig. 4



Zip Cloud Recessed Installation Instructions

Fig. 5

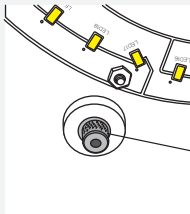


6. The installer should locate the fixture at the proper height such that the ceiling (i.e. drywall) can be placed above the outer recessed lip.
7. Pull the existing 18-3 AWG wire from the top of the Zip Cloud fixture and feed into the junction box. Connect the appropriate wires using wire nuts (black 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.
8. Check all connections for open loops and replace loose/damaged wires.
9. Turn the electrical power on from the electrical panel to make sure the light turns on.
10. Once it is verified that the Zip Cloud fixture turns on properly turn the electrical power off.

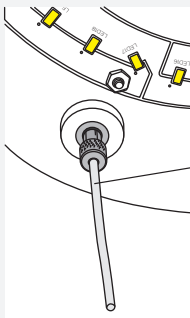
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11. Adjust the galvanized aircraft cables by pulling each cable down (this will raise the fixture up towards the hole to cover). If the installer wants to adjust the aircraft cable up they have to pull the knurled button on the reverse cable gripper and push the aircraft cable up from inside the fixture (Fig. 6). 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. Once the fixture lip is nicely placed against the drywall the excess galvanized cable should be cut.

Fig. 6



Knurled button on reverse gripper.
Pull down and push cable up to move fixture away from the hole in ceiling.
Do not unscrew the knurled button.



Reverse cable gripper.
Push cable from top as shown in Fig. 3.
Pull the cable from the bottom side as shown.
Fixture will move up towards hole in ceiling. Do not unscrew the knurled button.

12. Turn on the electrical power when dimensions are finalized again. Check for loose cables and wire connectors.
13. Remove the plastic cover from the lens once the ceiling is in place so the lens does not get dirty.