

INSTALLATION INSTRUCTION

Atmosphere 3.5in RPS Remodel Housing

A2RD-446-CT



SAFETY INSTRUCTION

IMPORTANT: NEVER attempt any work without shutting off the electricity.

- Read all instructions before installing.
- System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
- Go to the main fuse box, or circuit breaker. Place the main power switch in the "OFF" position and unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the fixture or room that you are working on.
- Place the wall switch in the "OFF" position.

AVERTISSEMENT

IMPORTANT: Coupez l'électricité avant TOUTE manipulation.

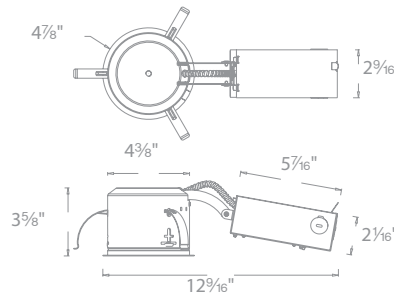
- Lisez toutes les instructions avant d'installer.
- Système est destiné à être installé par un électricien qualifié en conformité avec le code national de l'électricité et les règlements locaux.
- Accédez au panneau central de disjoncteurs ou de fusibles de votre demeure et placez l'interrupteur principal en position d'arrêt (« OFF »).
- Placez l'interrupteur mural en position d'arrêt (« OFF »).

CAUTION:

All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken. Failure to follow this instruction could invalidate the safety listing of this fixture. Fixtures are intended for use with compatible remote power supply (RPS). Reference fixture specification sheets and remote power supply instructions for appropriate installation.

OVERVIEW:

Housing is Remodel airtight housing requires a trim for a finished look. Refer to specification sheets for compatible trim options.

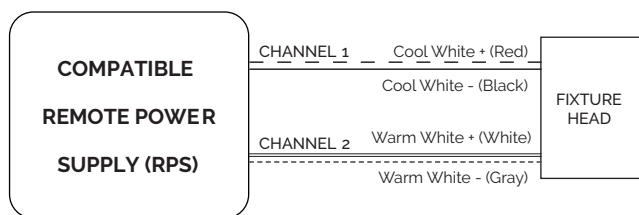


SPECIFICATIONS

Model	Installation	Forward Voltage	Max. Drive Current	Power	Max # of Fixtures	Multiple Fixture Wiring	Controls
A2RD-446-CT	NON IC	36VDC	350mA	13W	1 per 2 Channels	N/A	See RPS Instructions

† Two channels per head required for CCT tuning. Max current per head is the sum of the drive currents on both channels.

FIG. 1



2 CHANNEL REFERENCE EXAMPLE SHOWN ABOVE.
REFERENCE RPS SPECIFICATIONS AND INSTRUCTIONS FOR RPS SPECIFIC REQUIREMENTS AND CHANNEL CAPABILITIES.

LOW VOLTAGE WIRING REQUIREMENTS:

AISPIRE fixtures may be wired to compatible remote power supplies (RPS) using appropriate low voltage wiring. Refer to RPS instructions for information regarding wiring gauge and distance recommendations.

1. One 36VDC Atmosphere fixture may be wired per two output channel of the RPS. (See FIG. 1)

CAUTION: Two channels per head required for CCT tuning. Max current per head is the sum of the drive currents on both channels.

Example: If 350mA is applied to one channel, no current may be applied to the other channel. Follow specification chart.

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FIG. 2

Cut Out 4 $\frac{5}{8}$ "

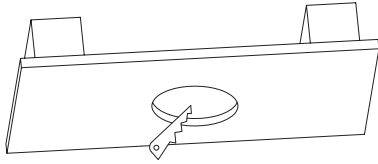


FIG. 3

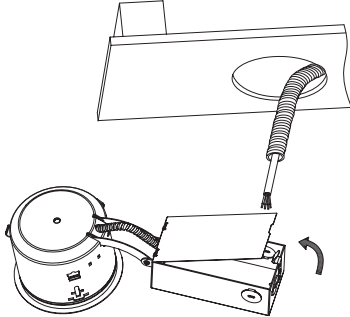
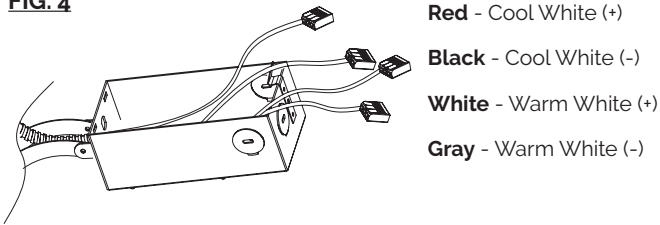


FIG. 4



Red - Cool White (+)

Black - Cool White (-)

White - Warm White (+)

Gray - Warm White (-)

FIG. 5

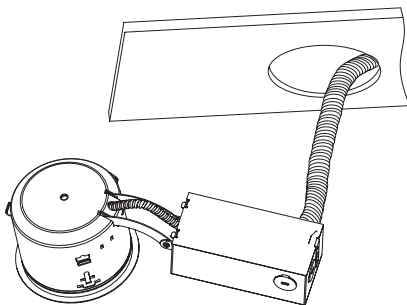
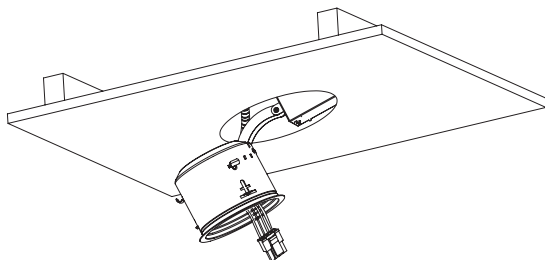


FIG. 6



OVERVIEW:

1. Housing is Remodel NON I C, AIRTIGHT. Housing requires a trim for finished look. Check catalog for various trims choices.

HOUSING INSTALLATION:

1. Cut out a hole 4 5/8" in the existing ceiling.

Note: 1" inch maximum ceiling thickness. (See **FIG. 2**)

2. Pull the ceiling wire through the hole. (See **FIG. 3**)

3. Remove spring latched fixture junction box door and connect fixture wires to to lead wires from the RPS, insert each supply wire into the appropriate junction box wire connector. (See **FIG. 4**)

4. Place all wiring and connectors back in wiring box and replace junction box door. (See **FIG. 5**)

5. Push the housing up through the hole. (See **FIG. 6**)

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FIG. 7

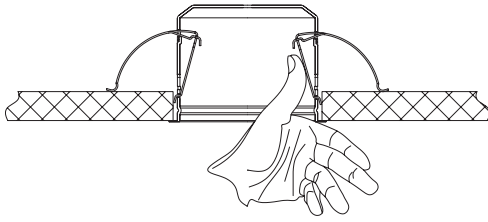


FIG. 8

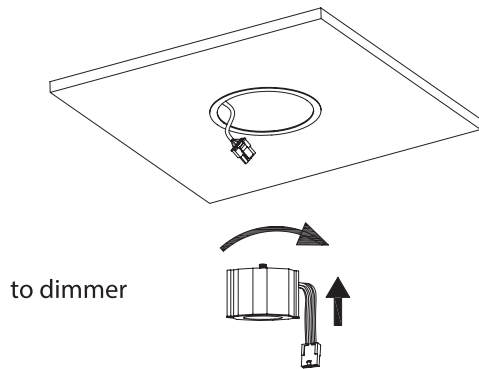
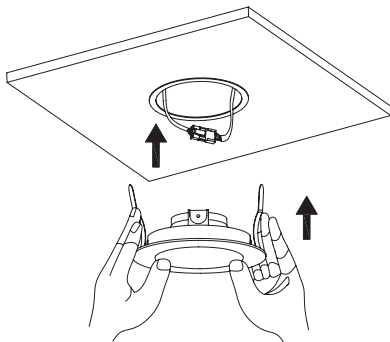


FIG. 9



6. Push clips to secure the fixture. (See **FIG. 7**).
7. Install light engine into the housing by rotating it clockwise onto stud. (See **FIG. 8**)
8. Connect light engine and housing power connectors, push the connectors into the housing. Raise the trim to housing, depress trim spring clips and push the trim assembly up until the trim ring is flush to the ceiling. (See **FIG. 9**)

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