INSTALLATION INSTRUCTION
ATMOSPHERE RPS 2IN Shallow Recessed Housing
A2RC-268-CT

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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.
- Place the wall switch in the "OFF" position.
- Go to the main fuse box or circuit breaker. Unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the space that you are working on.

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 these instructions could invalidate the UL/cUL listing of this fixture.

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.
- Placez l'interrupteur mural en position d'arrêt (« OFF »).
- Accédez au panneau central de disjoncteurs ou de fusibles de votre demeure et placez l'interrupteur principal en position d'arrêt (« OFF »).

MISE EN GARDE
Toutes les pièces doivent être utilisées tel qu'il est indiqué dans ces instructions. Ne remplacez pas les pièces, n'en laissez pas de côté et ne les utilisez pas si elles sont usées ou brisées. Le non-respect de ces instructions peut annuler l'homologation ETL/cETL du luminaire.

OVERVIEW:
This housing is new construction IC Rated and AIRTIGHT. It requires a trim for finished look. Check our catalog or website for compatible trim choices.
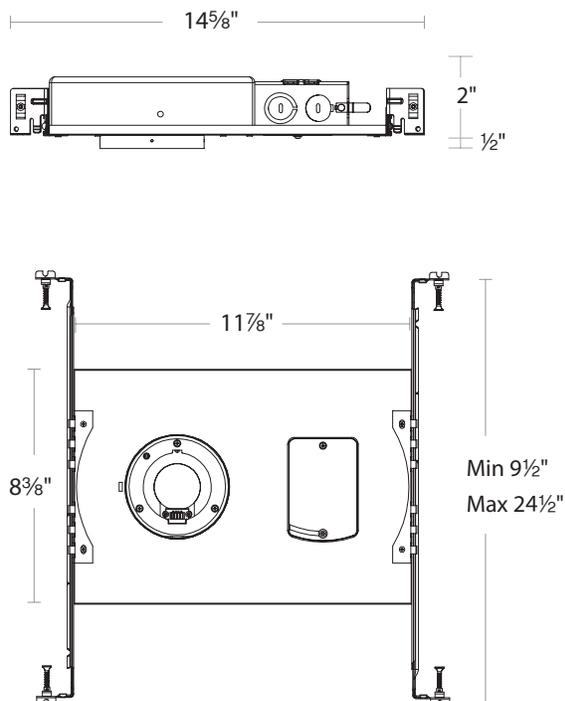
AISPIRE retains the right to modify the design of our products at any time as part of the company's continuous improvement program.
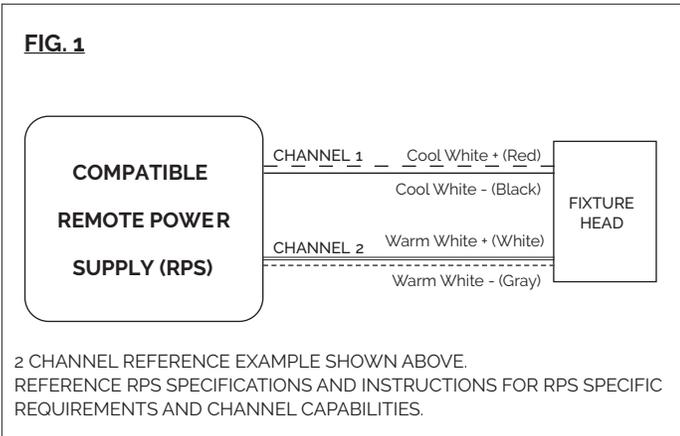
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SPECIFICATIONS							
Model	Installation	Forward Voltage	Max. Drive Current	Power	Max # of Fixtures	Multiple Fixture Wiring	Controls
A2RC-268-CT	IC-Rated	36 VDC	300mA	11W	1 per 2 Channels	N/A	See RPS Instructions

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

FIG. 1

COMPATIBLE REMOTE POWER SUPPLY (RPS)

CHANNEL 1 — Cool White + (Red)
Cool White - (Black)
FIXTURE HEAD
CHANNEL 2 — Warm White + (White)
Warm White - (Gray)

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

FIG. 2

FIG. 3

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 Atmosphere fixture head to be wired per two channel output 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 300mA is applied to one channel, no current may be applied to the other channel.
Follow specification chart .

HOUSING INSTALLATION:

1. Install housing using two hanger bars provided. Align the bottom of the hanger bar with the bottom of the joist. Secure the "screw-nail" on each end by screwdriver or by hammer (See **FIG. 2**, detail A).

    Slide fixture along hanger bar into the desired location, use locking screws to secure (See **FIG. 2**, detail B).
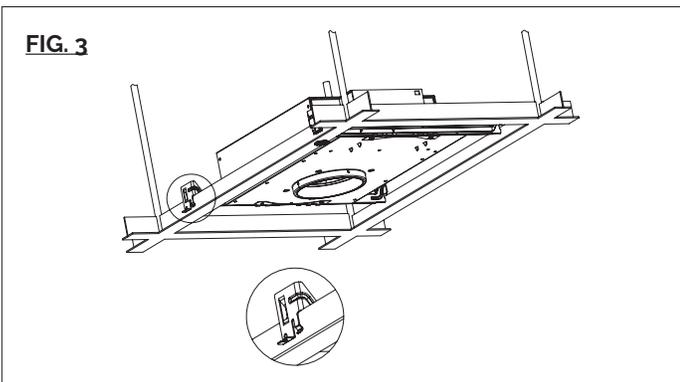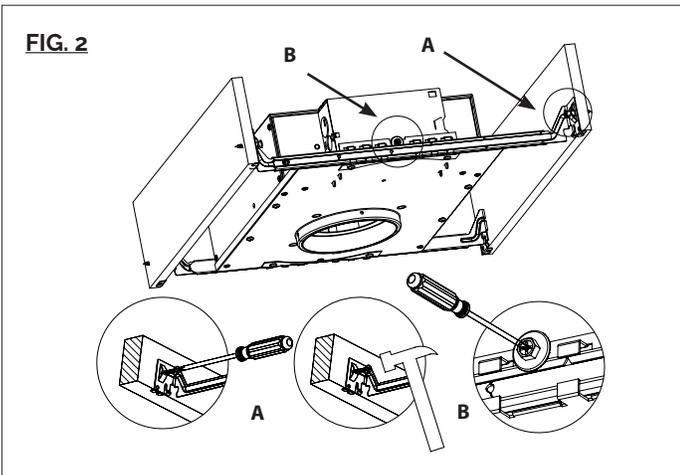
    For grid installation, hanger bars are supported on grids (See **FIG. 3**).

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FIG. 4

Snap off one section fit in a 12" joist
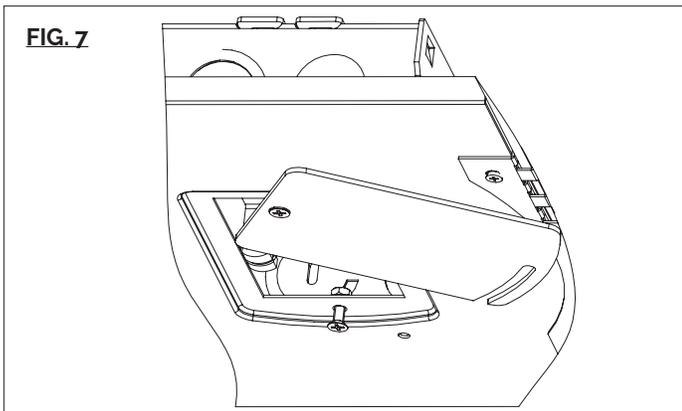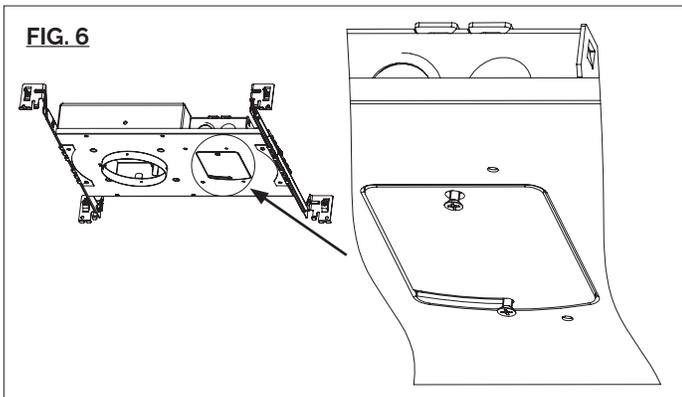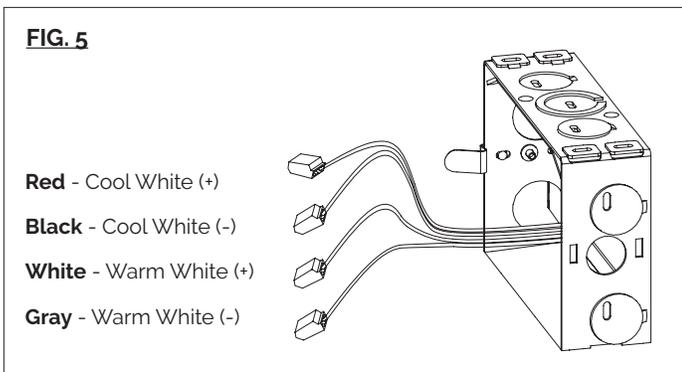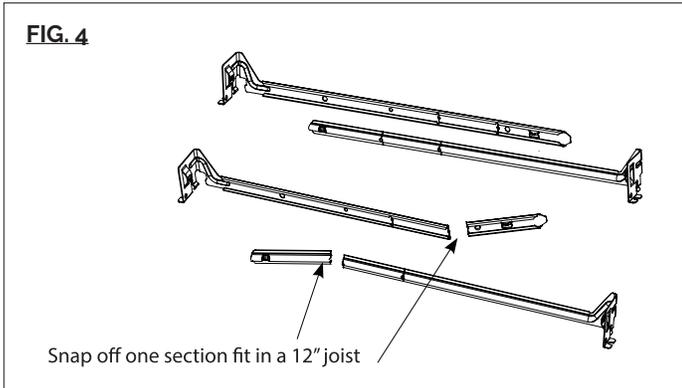
2. To shorten hanger bars to fit in a 12" joist, snap off one section of the hanger bars (See **FIG. 4**).

FIG. 5

Red - Cool White (+)

Black - Cool White (-)

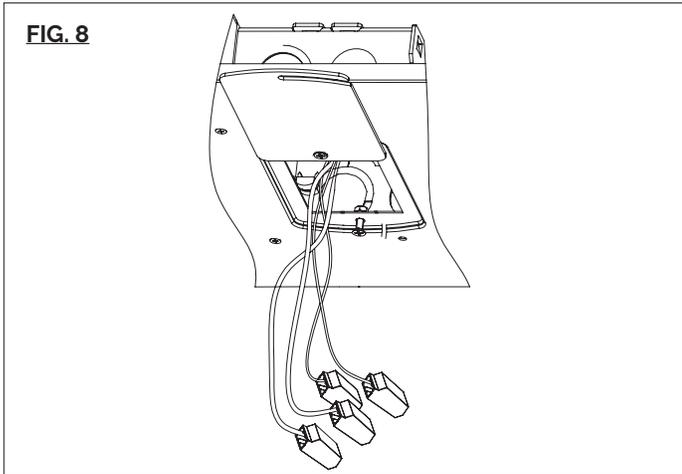**White** - Warm White (+)

Gray - Warm White (-)

3. Remove spring latched junction box cover and connect fixture wires to building wires. Insert each supply wire into appropriate junction box connector. Connect red fixture wire to Cool White (+), black fixture wire to Cool White (-), white fixture wire to Warm White (+), grey fixture wire to Warm White (-) (See **FIG. 5**).

Place all wiring and connectors back in junction box and replace the junction box's cover.

FIG. 6

OPTIONAL WIRING INSTALLATION

1. Unscrew the housing cover from the base (See **Fig. 6**).

FIG. 7

2. Swivel the housing cover to open (See **Fig. 7**).

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FIG. 8

FIG. 9   Downlight

FIG. 10

FIG. 11

3. Insert each supply wire into appropriate junction box connector. Connect red fixture wire to Cool White (+), black fixture wire to Cool White (-), white fixture wire to Warm White (+), grey fixture wire to Warm White (-)

4. Close the door and screw to secure once finished.

HOUSING INSTALLATION

1. When installing the housing that will use the plaster panel, cut a hole with the following dimensions: 4⅛".

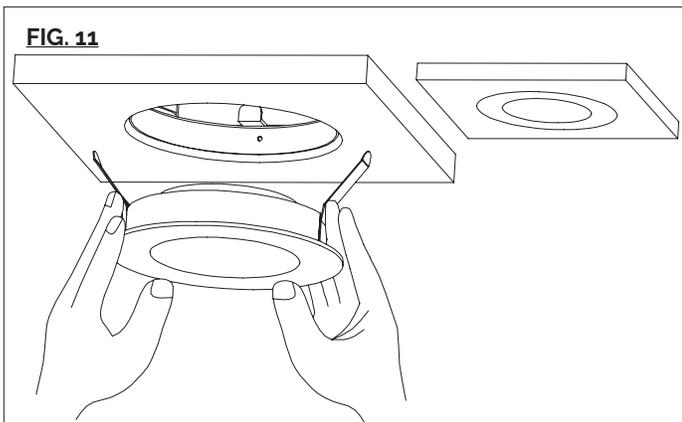   When installing the housing without the use of the plaster panel, cut a hole with the following dimensions: 3¾" .
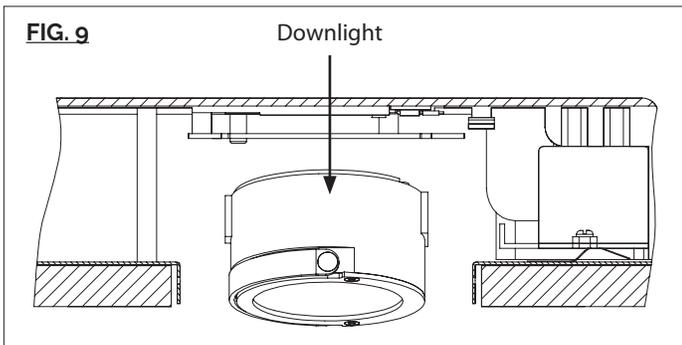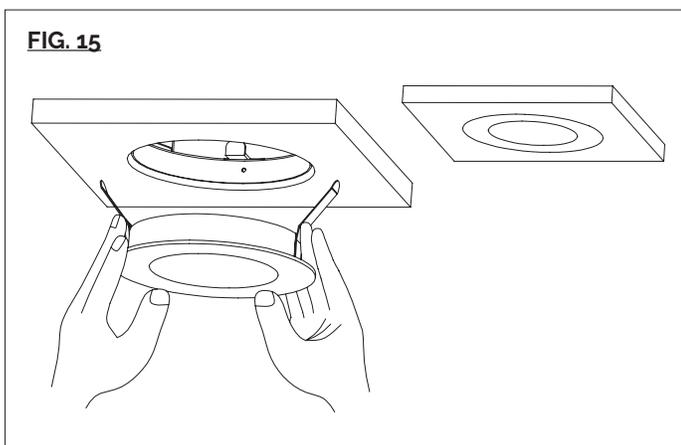
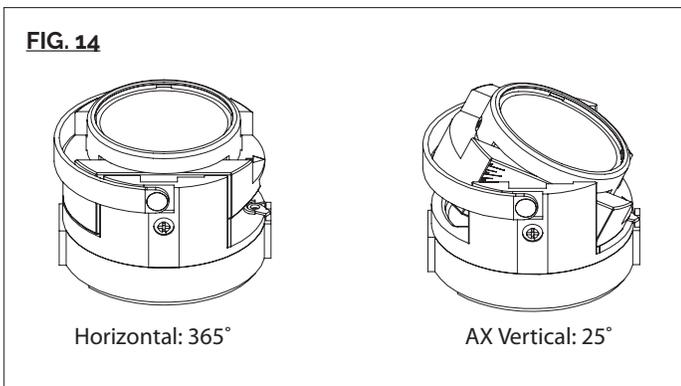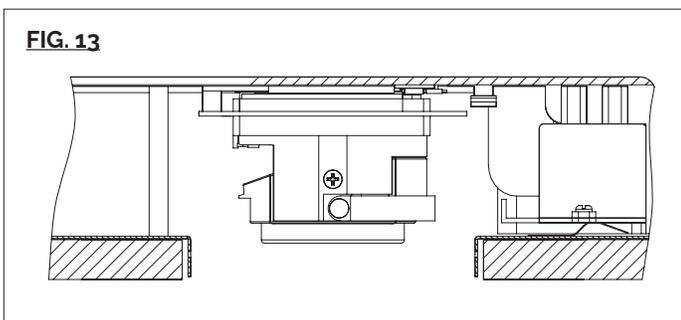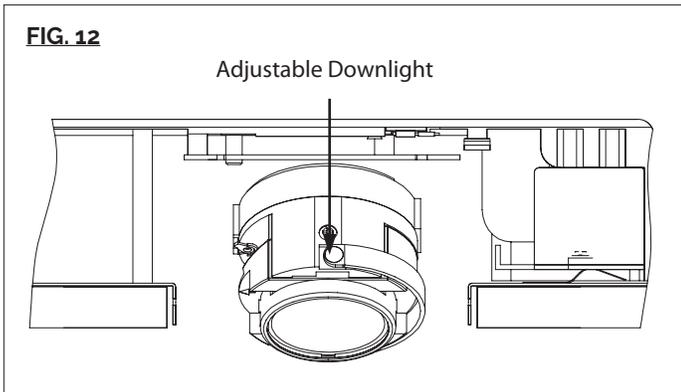**LIGHT ENGINE INSTALLATION**

1. When installing the light engine, there are three options:

    For downlight, use figures 1-3.

    For adjustable downlight, use figure 4-7.

    For wall wash downlight, use figure 8-11.
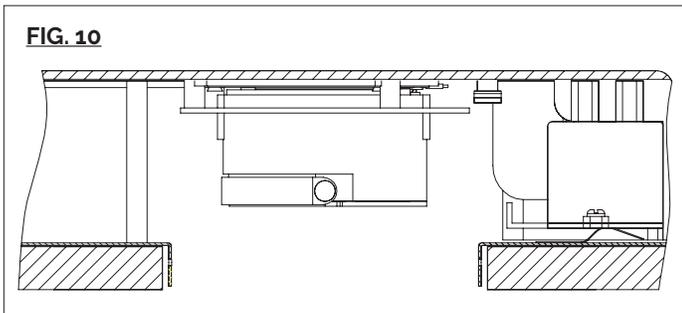
DOWNLIGHT INSTALLATION

1. Once housing is installed, place the downlight light engine into the housing by aligning both of the small and large slots together. The light engine will magnetically click into (See **FIG. 9** & **FIG . 10**).

2. 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. 11**).

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FIG. 12

Adjustable Downlight

FIG. 13

FIG. 14

Horizontal: 365°   AX Vertical: 25°

FIG. 15

ADJUSTABLE DOWNLIGHT INSTALLATION

1. Once housing is installed, place the adjustable downlight light engine into the housing by aligning both of the small and large slots together. The light engine will magnetically click into (See **FIG. 12** & **FIG. 13**).

2. Note that the adjustable downlight light engine has a max horizonal rotation of 365° and a max vertical rotation of 25° (See **FIG. 14**).

3. 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. 15**).
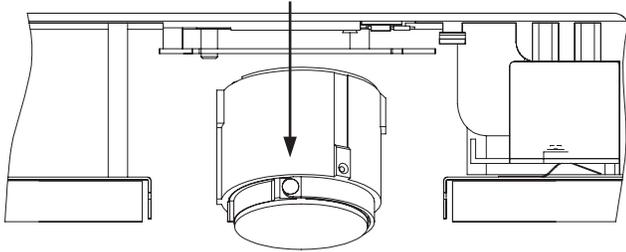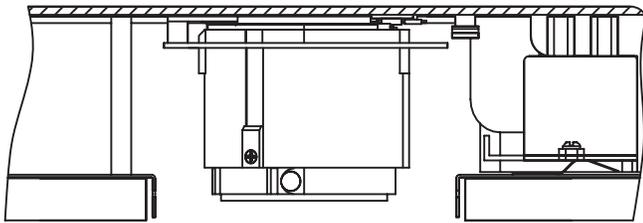
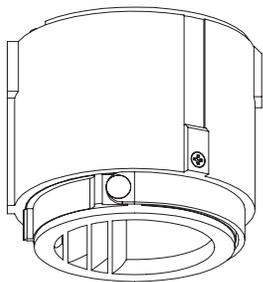*AISPIRE retains the right to modify the design of our products at any time as part of the company's continuous improvement program.*

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FIG. 16

Wall Wash Downlight

FIG. 17

FIG. 18

Horizontal: 360 ˚

FIG. 19
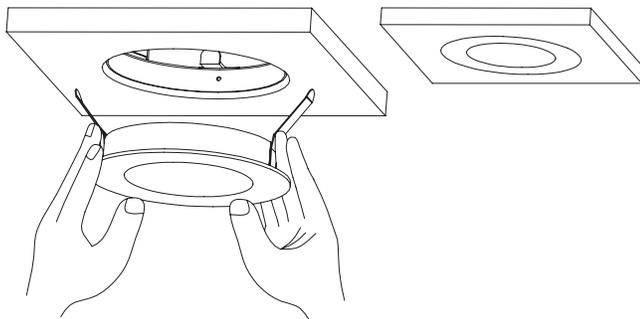
WALL WASH DOWNLIGHT INSTALLATION

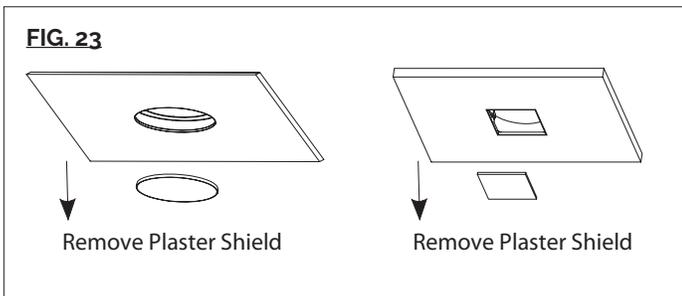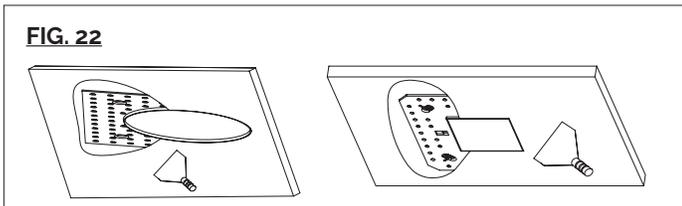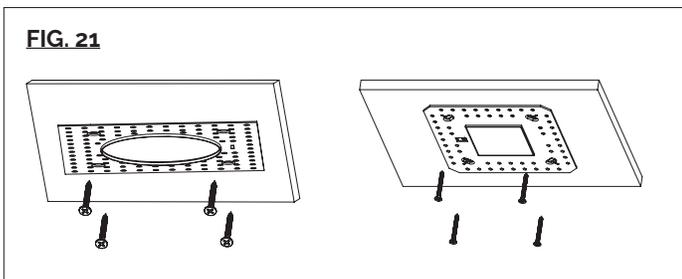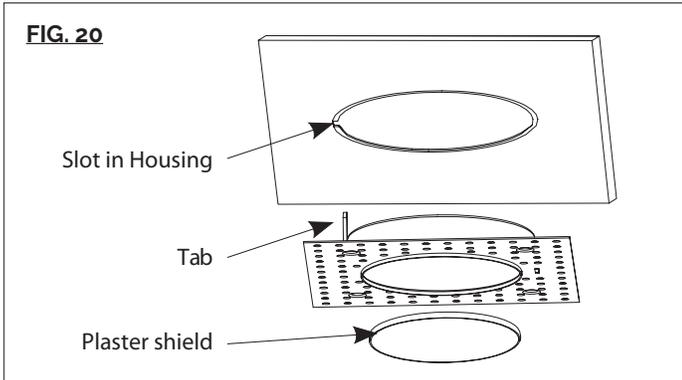1. Once housing is installed, place the wall wash downlight light engine into the housing by aligning both of the small and large slots together. The light engine will magnetically click into (See **FIG. 16** and **FIG. 17**).

2. Note that the Wall Wash Downlight Light Engine has a max horizontal rotation of 360˚ (See **FIG. 18**).

3. 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. 19**).

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ATMOSPHERE RPS 2IN Shallow Recessed Housing

A2RC-268-CT

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FIG. 20

Slot in Housing

Tab

Plaster shield

FIG. 21

FIG. 22

FIG. 23

Remove Plaster Shield   Remove Plaster Shield

TRIMLESS FRAME INSTALLATION

1. Cut out hole into ceiling with the following dimension: 4⅛".

2. Raise the trimless frame aligning tab to slot in housing, and put plaster shield inside (See **FIG. 20**).

3. Secure the trimless frame to the housing, flush up against the ceiling using the screws supplied (See **FIG. 21**).

4. Apply plaster or spackle over trimless frame and sand surface when dry for a finished look (See **FIG. 22**). Remove the plaster cover when finishing is complete (See **FIG.23**).

NOTE: When utilizing the square trim, if position isn't as desired, remove screw, lift the tab and rotate until desired position is aquired.

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