

4" ProTools

WG-100RPTDLX-RBT
WG-100SPTDLX-RBT

Installation Instructions

Adjustable

Round and Square
Recessed Bezel Trim

IMPORTANT: Fixture(s) must be wired in series! Refer to driver wiring document

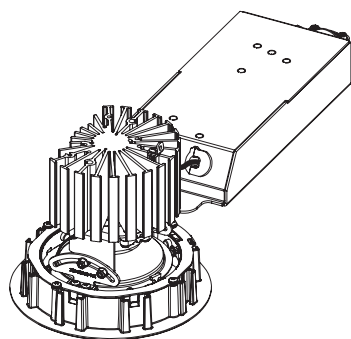
Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.



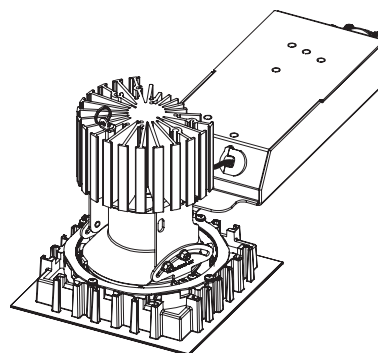
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a fixture to a live driver!!!

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.



ROUND

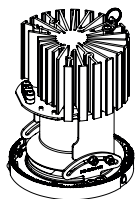


SQUARE

Step 1 - Open the Box

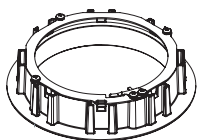
Unpack luminaire unit. Luminaire unit consists of items shown below:

1



Light Engine

2



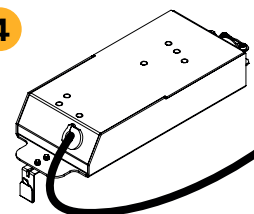
Trim
(See next page for cutout dimensions)

3



Cover/Lens
(See page 9 for this and other options)

4



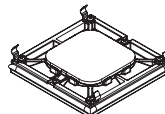
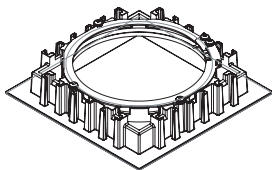
Integral Driver Box
(See next page for dimensions)

5



(4) Mounting Clips for **Round** Fixture

(3) Mounting Clips for **Square** Fixture



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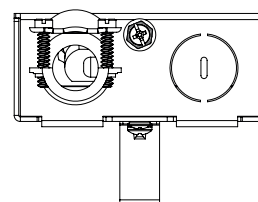
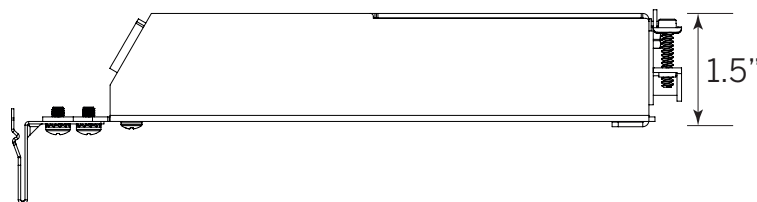
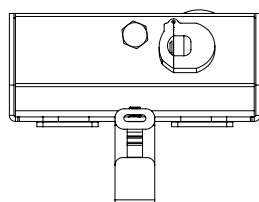
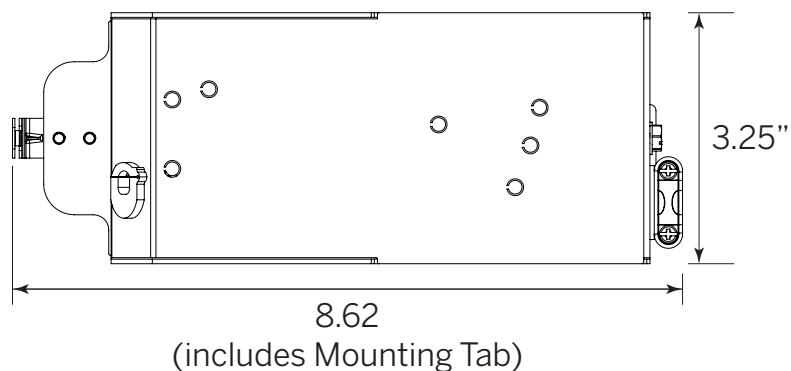
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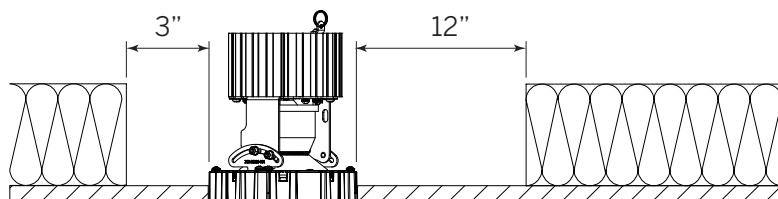
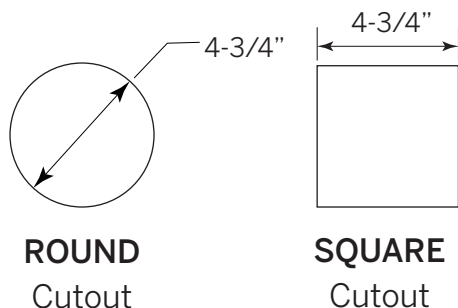
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Integral Driver Box
Dimensions



Step 2 - *Prep Ceiling*

Cut opening in the ceiling as shown below. Clear away any insulation at least 12" from fixture where driver box will be located and 3" away from everywhere else.



Side View

NOTE:

Minimum ceiling thickness: 1/16"
Maximum ceiling thickness: 1"

Optional TC (Thick Ceiling) Clip available that allows installation in ceilings up to 3" thick.

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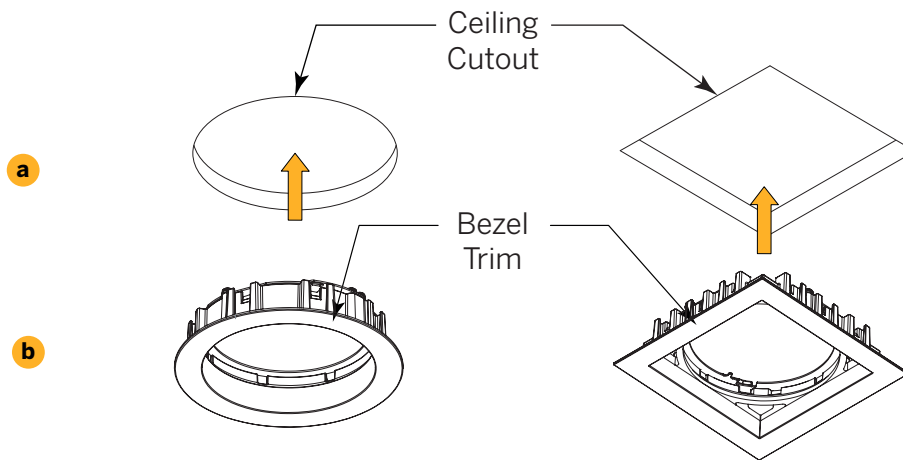
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Step 3 - *Install Trim*

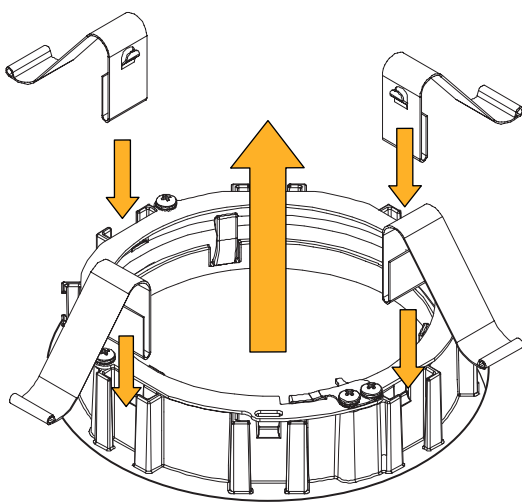
- a** Insert Trim into ceiling cutout.
- b** Fasten Trim to ceiling with (4) flat-head drywall screws (supplied by others).

NOTE:

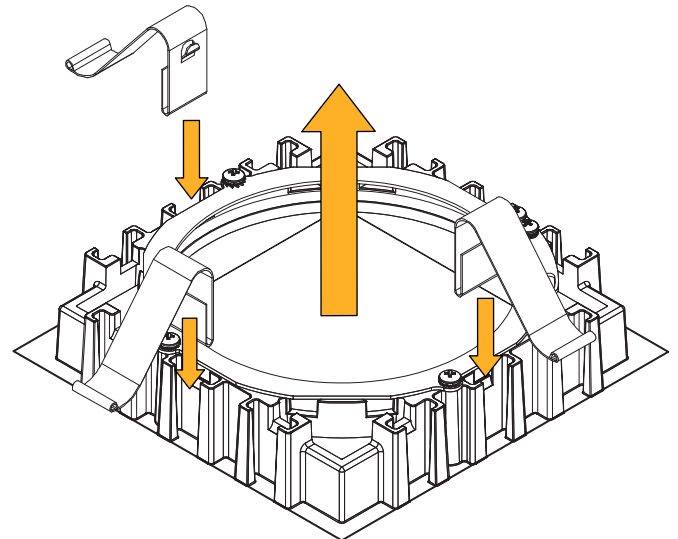
It may be helpful to determine where Driver Box will be located and which slot it will occupy (See Step 6), and then insert clips.



Step 4 - *Install Clips*



Insert a Mounting Clip through hole and slide it into one of the eight Slots around the Trim. Repeat for remaining Clips, alternating Slots, as shown.



Insert a Mounting Clip through hole and slide it into a center Slot on one side of Trim. Repeat for remaining Clips, one per side. One side, should not have a Clip, as shown.

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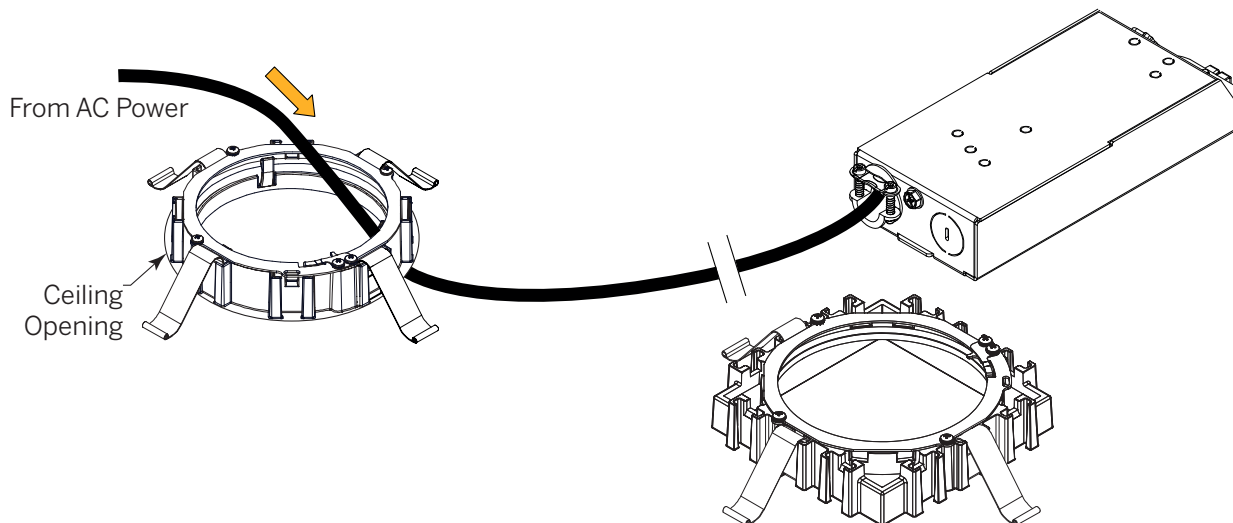
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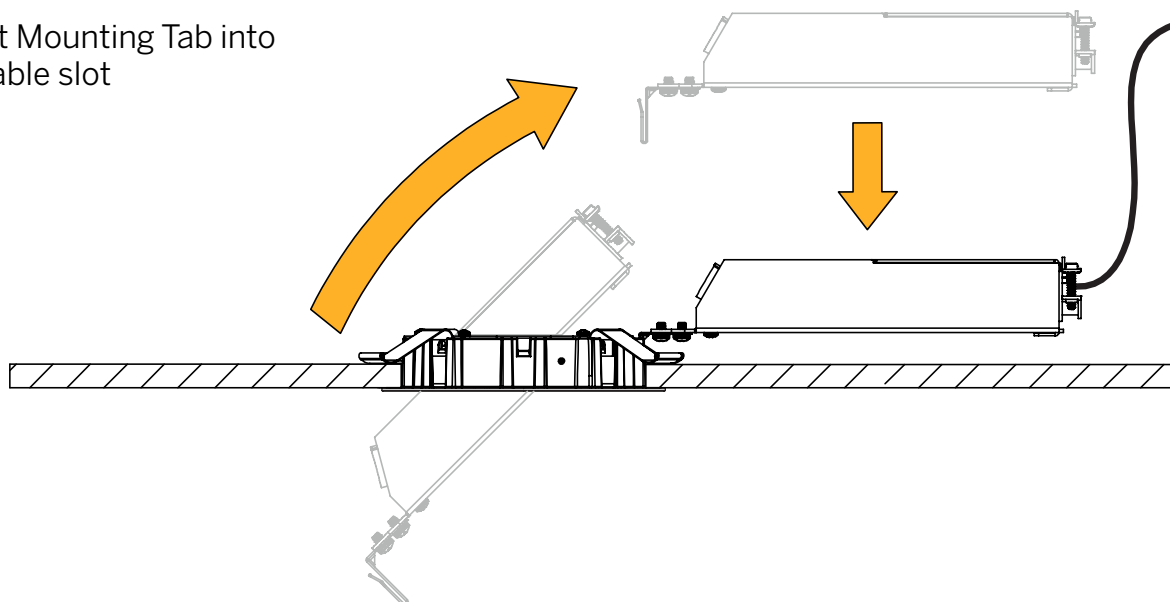
Step 5 - **Wire Driver Box to Incoming Power**

- a** Pull Power (and Control) cable(s) down through Trim.
- b** Open Driver Box. Insert and connect Power (and Control) cable(s) through rear of Driver Box, as shown. See Wiring and Driver Information Sheets for wiring diagrams.



Step 6 - **Mount Driver Box**

- a** Insert Driver Box through Trim as shown.
- b** Insert Mounting Tab into available slot



NOTE:

Minimum of 5.5" (127mm) ceiling void is required to install integral driver.

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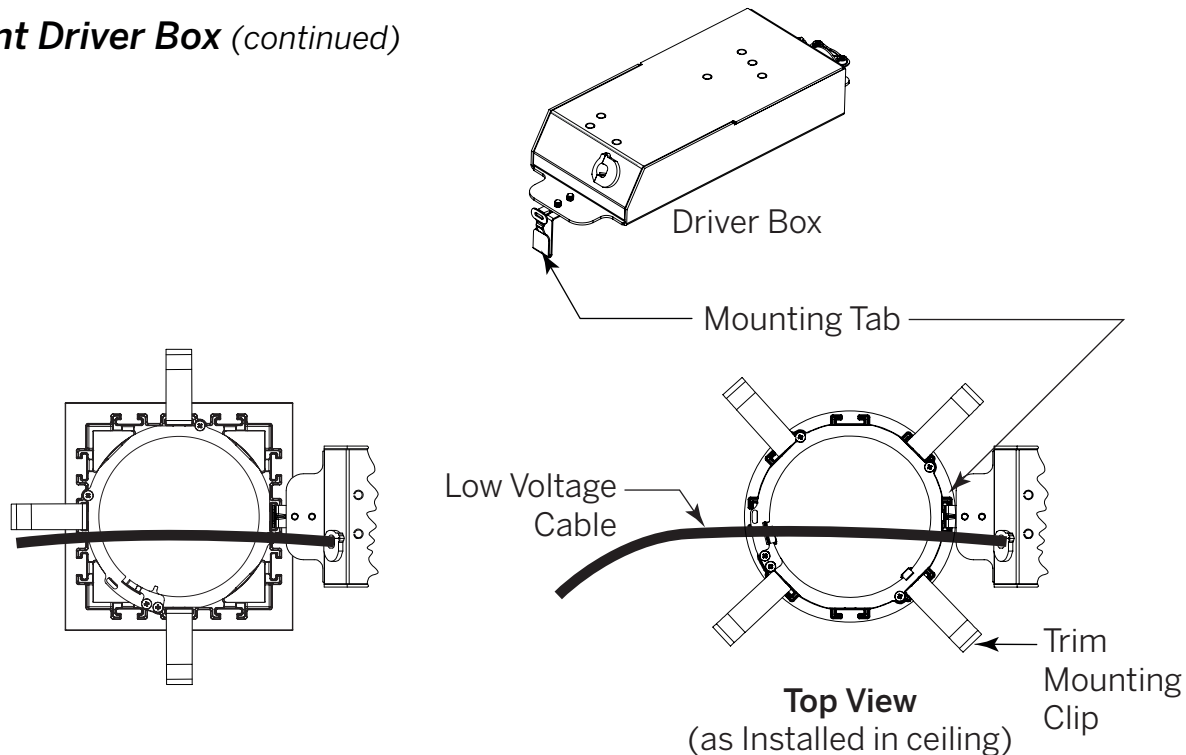
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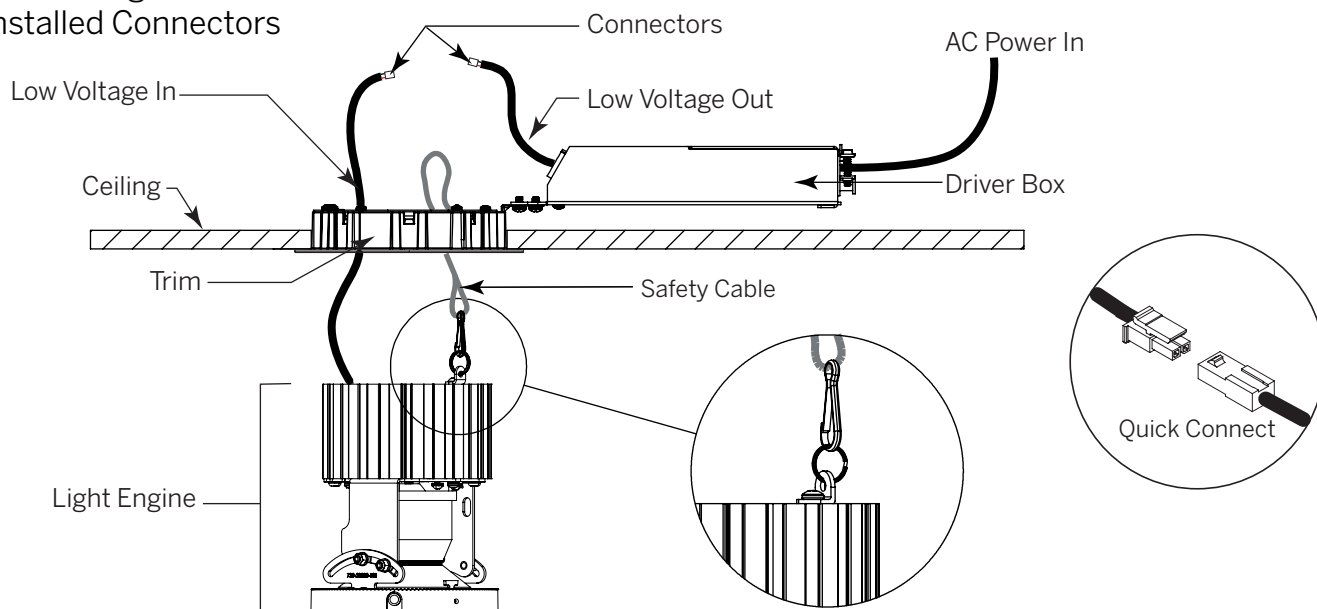
Step 6 - **Mount Driver Box** (continued)



Step 7 - **Connect Light Engine and Install Safety Cable**

a Connect Safety Cable to Safety Cable Clip.

b Join Low Voltage Cables with pre-installed Connectors



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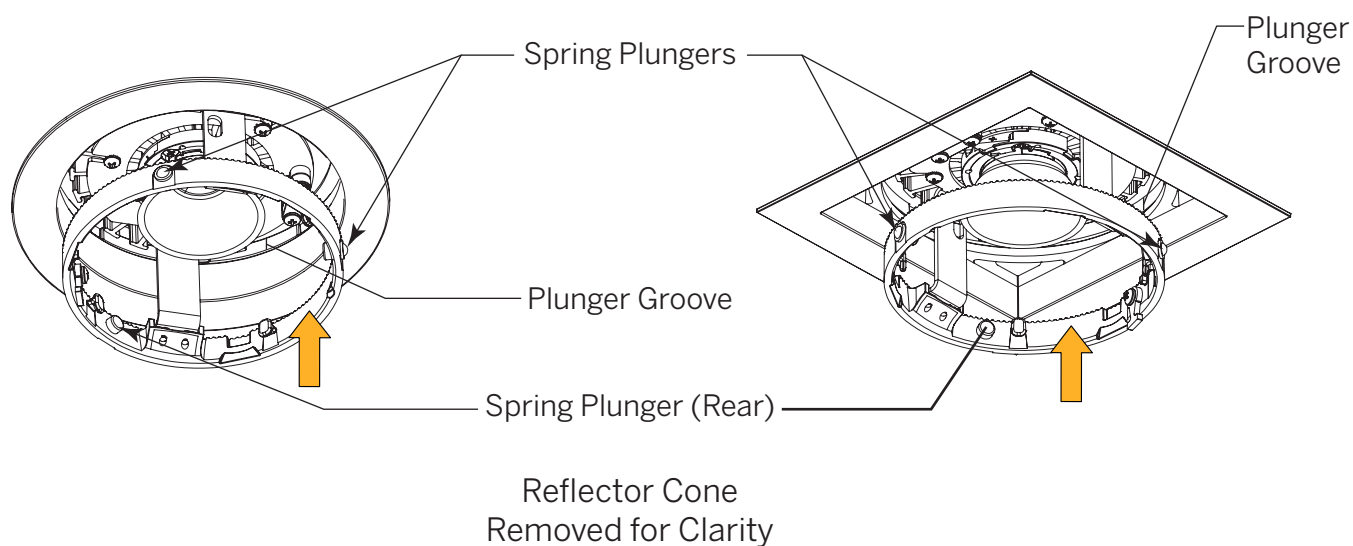
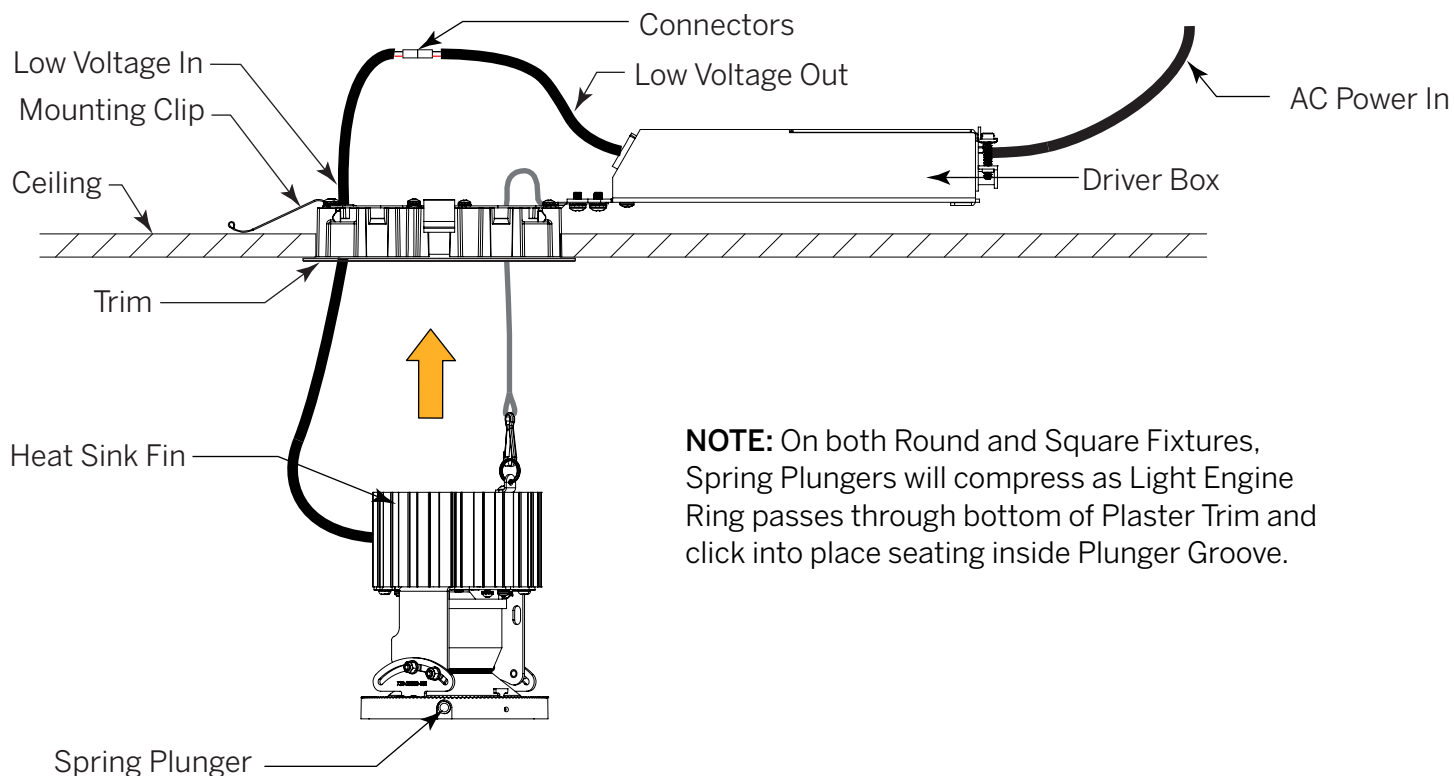
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Step 8 - *Insert Light Engine*

- a** Push Light Engine up into and through Trim until Spring Plungers latch it in place.



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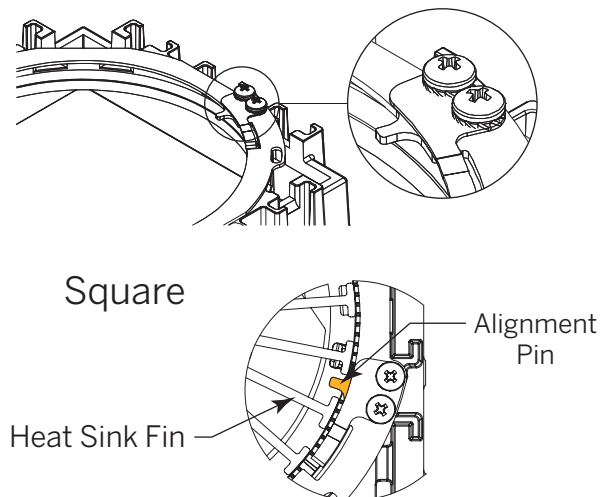
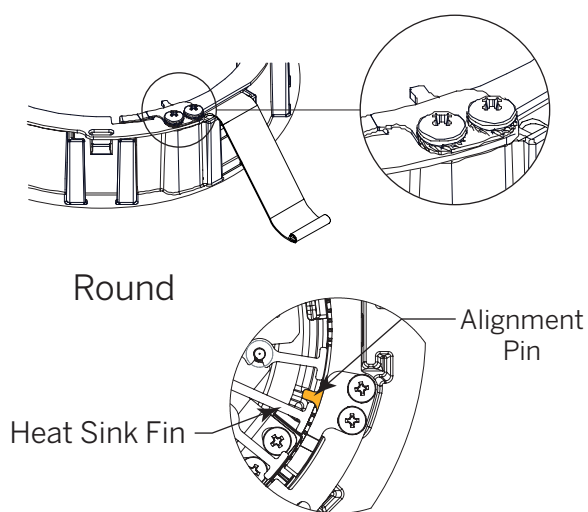
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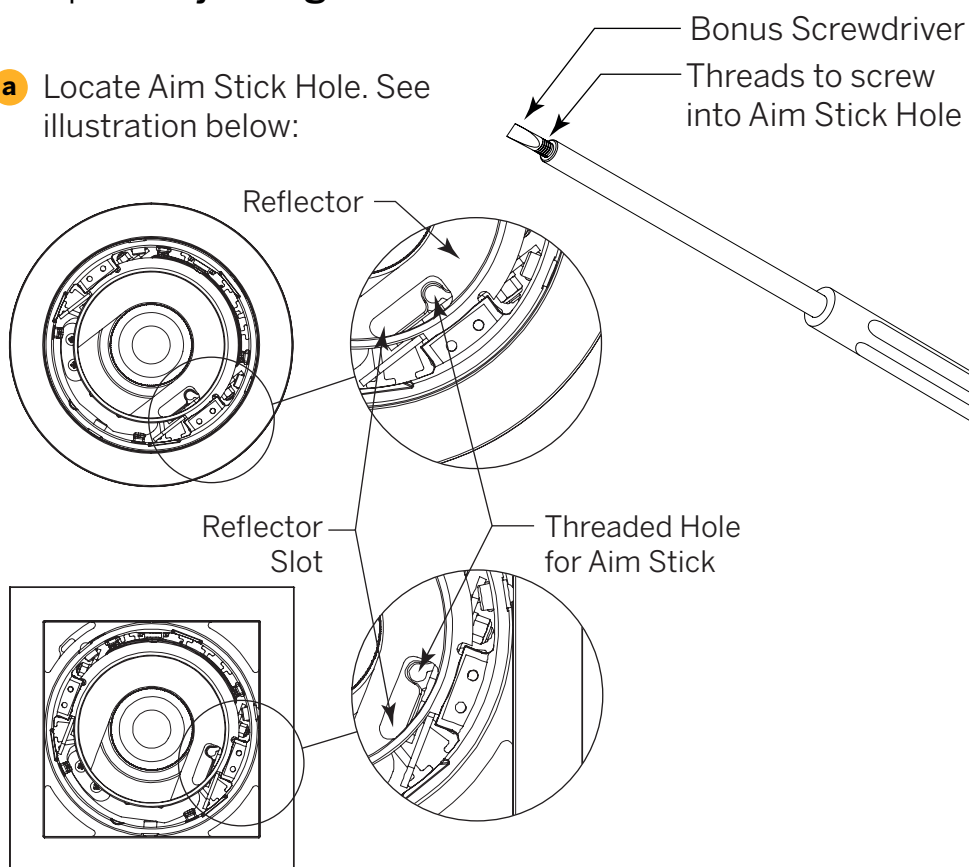
Step 8 - *Insert Light Engine* (continued)

- b** As Light Engine is pushed in, make sure that the Alignment Pin fits between Heatsink Fins.



Step 9 - *Adjust Light Direction*

- a** Locate Aim Stick Hole. See illustration below:



WARNING!

Do not look directly into Laser. Eye damage may result.

Turn knob clockwise to turn on Laser

NOTE: Beam is not visible. Laser projects dot only.

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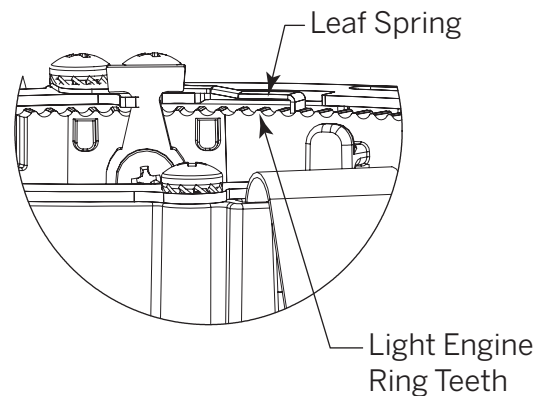
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Step 9 - **Adjust Light Direction** (continued)

- b** Insert Aim Stick into Hole. Screw in to secure.
- c** At the opposite end of the Aim Stick is a Laser, which will help you locate the target of the light beam.
- d** Use the Aim Stick and projected red dot to point the light to the desired location. Unscrew Aim Stick from Fixture after direction has been determined. Repeat steps **b** through **d**, as necessary.

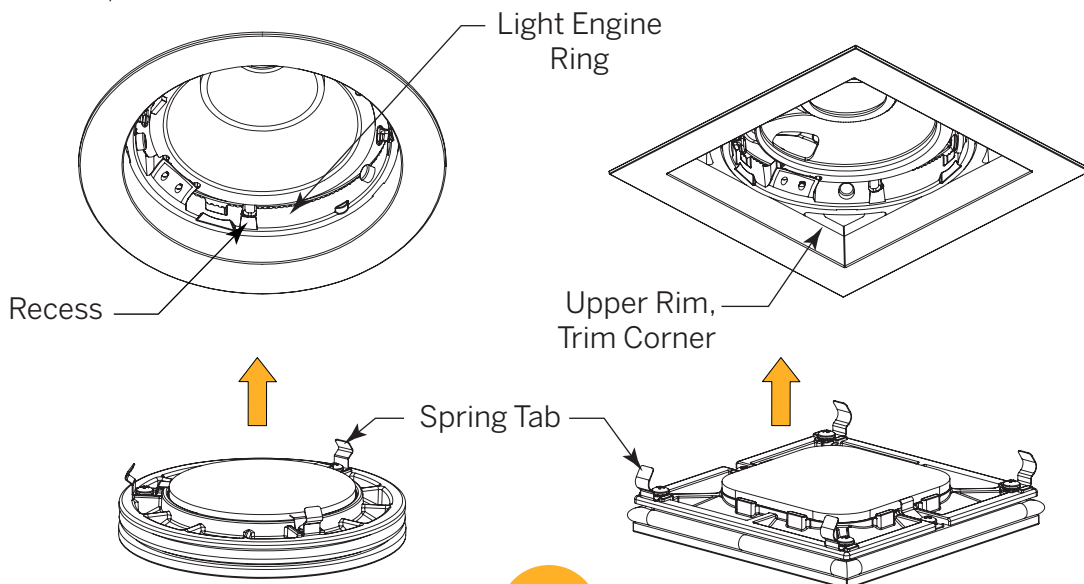
Remember to turn off Laser when not in use.

NOTE: A Leaf Spring adjacent to the Alignment Pin engages teeth on the top of the Light Engine Ring, making indexing easier.



Step 10 - **Insert Cover/Lens**

- a** Align Spring Tabs with corresponding recesses in Light Engine ring.
- b** For a **Round** Cover/Lens, push Spring Tabs into Recesses.
For a **Square** Cover/Lens, push Spring Tabs into Trim Corner, where the Tabs will hook onto the Upper Rim.
- c** When a click is felt, Cover/Lens is seated.
- d** Energize!



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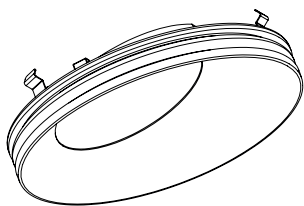
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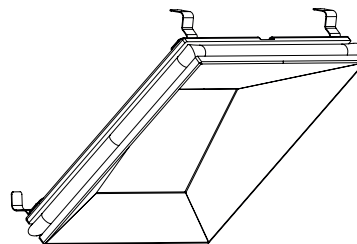
Round and Square
Recessed Bezel Trim

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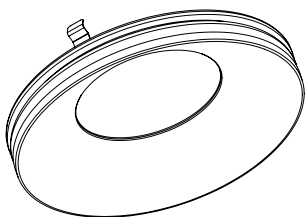
Available Cover/Lenses



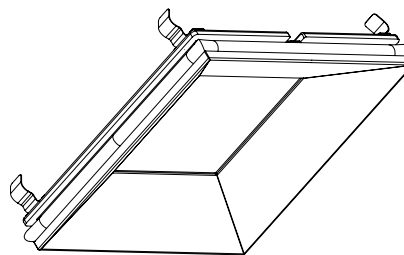
Round Asymmetric Cone (RAC)



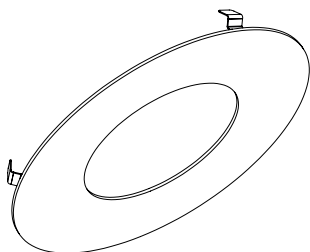
Square Asymmetric Cone (SAC)



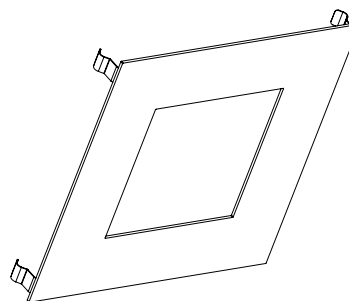
Round Regressed Cone (RRC)



Square Regressed Cone (SRC)



Round Regressed Pinhole (RRP)



Square Regressed Pinhole (SRP)

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