

4" ProTools

WG-100RPTDLX-RPT
WG-100SPTDLX-RPT

Installation Instructions

Adjustable

Round and Square
Recessed Plaster Trim

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

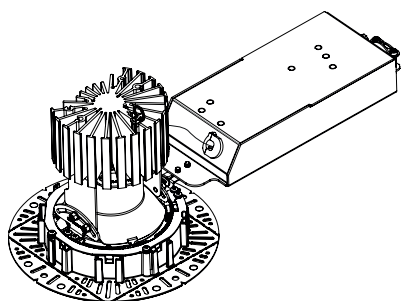
Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.



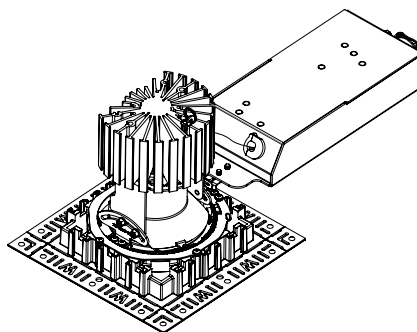
To prevent electrical shock disconnect electrical supply before installation or servicing.

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

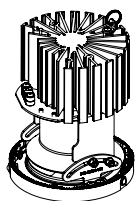


SQUARE

Step 1 - Open the Box

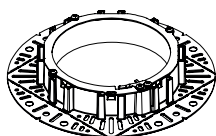
Unpack luminaire unit. Luminaire unit consists of the (4) items shown below. Driver supplied by Interlux.

1



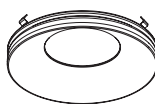
Light Engine

2



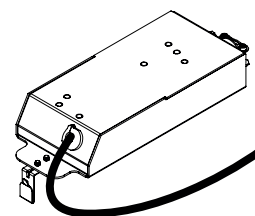
Trim
(See next page for cutout dimensions)

3

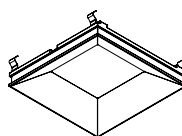
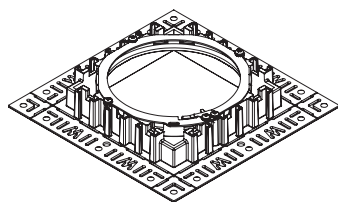


Cover/Lens
(See page 9 for this and other options)

4



Integral Driver Box
(See next page for dimensions)



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4" ProTools

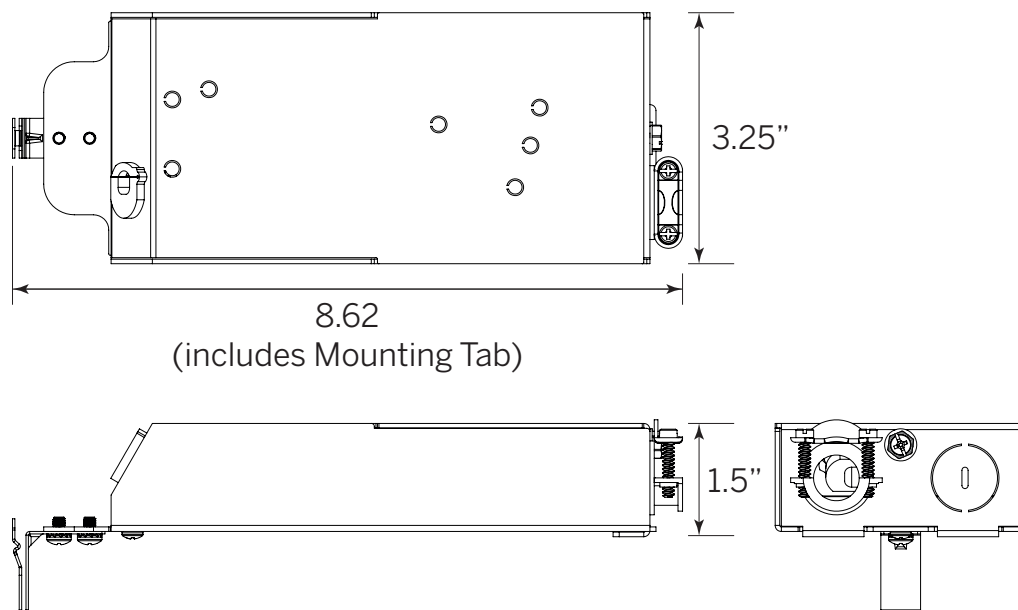
WG-100RPTDLX-RPT
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Adjustable

Round and Square
Recessed Plaster Trim

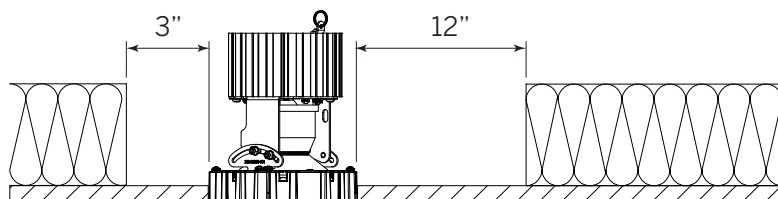
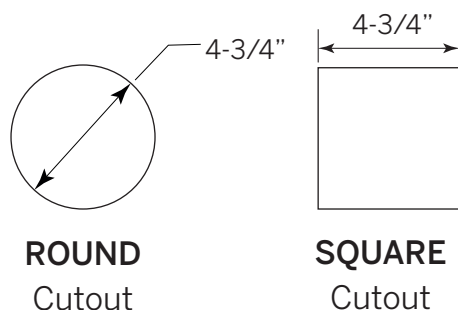
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Integral Driver Box
Dimensions



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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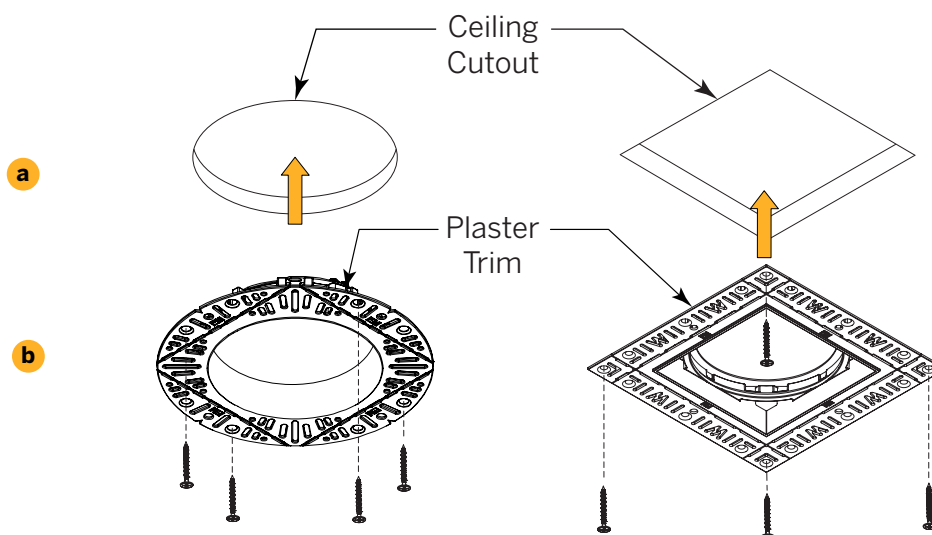
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Step 3 - **Install Trim**

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

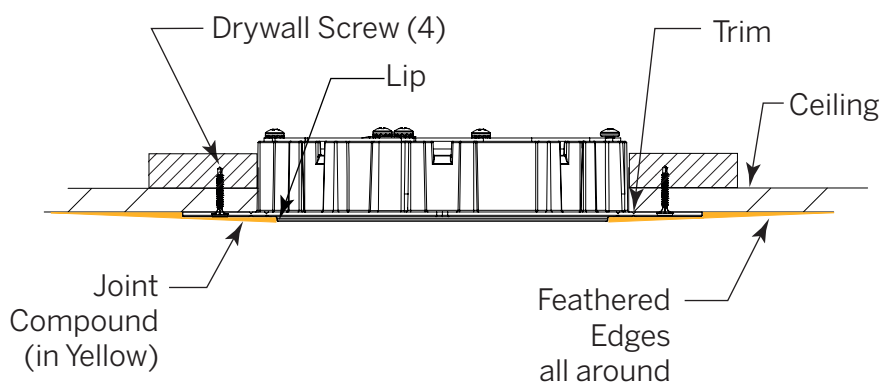
NOTE:

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 - **Apply Joint Compound**

Apply Joint Compound over perforated Trim taking care to apply it flush with the opening, without any compound extending past Lip.



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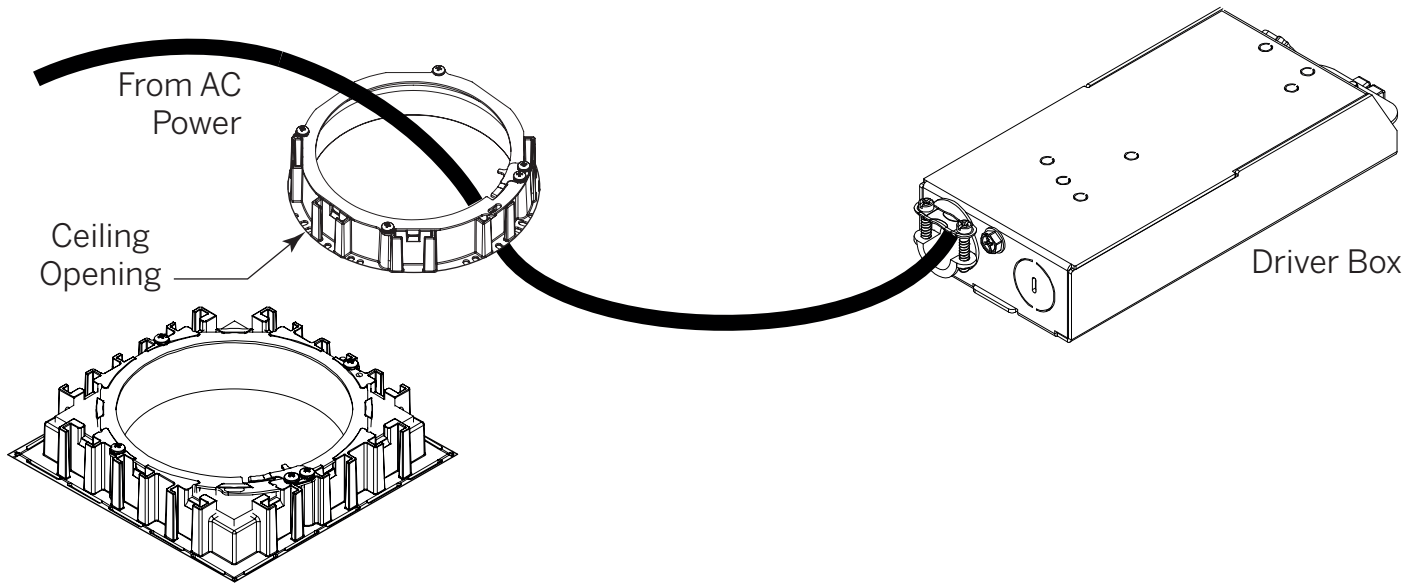
Adjustable

Round and Square
Recessed Plaster Trim

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Step 4 - *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.



This Space Intentionally Left Blank

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WG-100SPTDLX-RPT

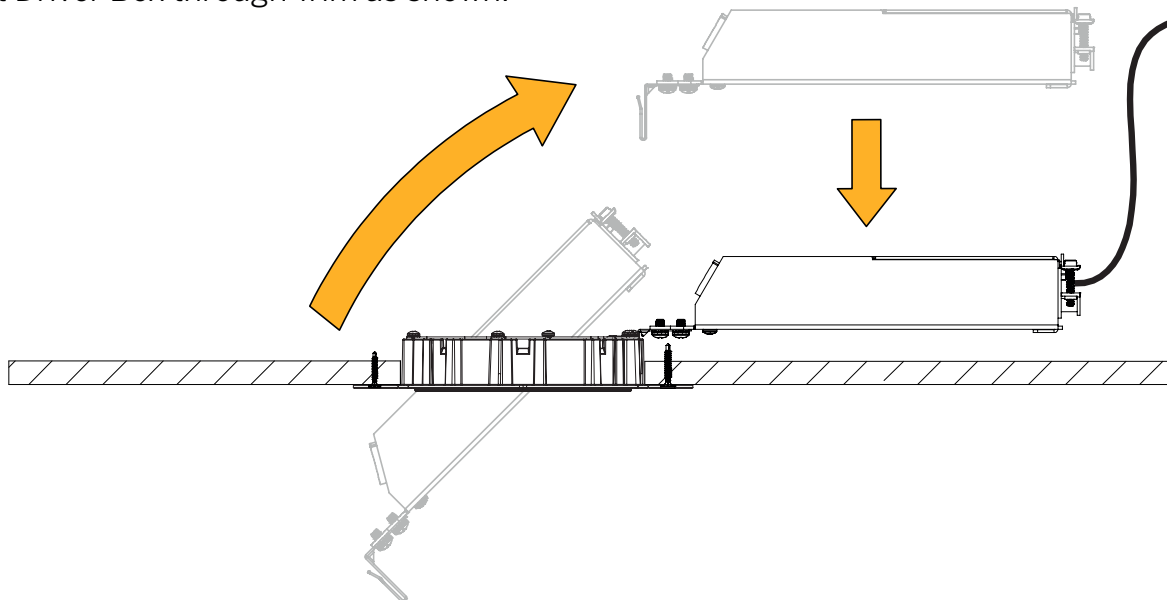
Adjustable

Round and Square
Recessed Plaster Trim

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Step 5 - **Mount Driver Box**

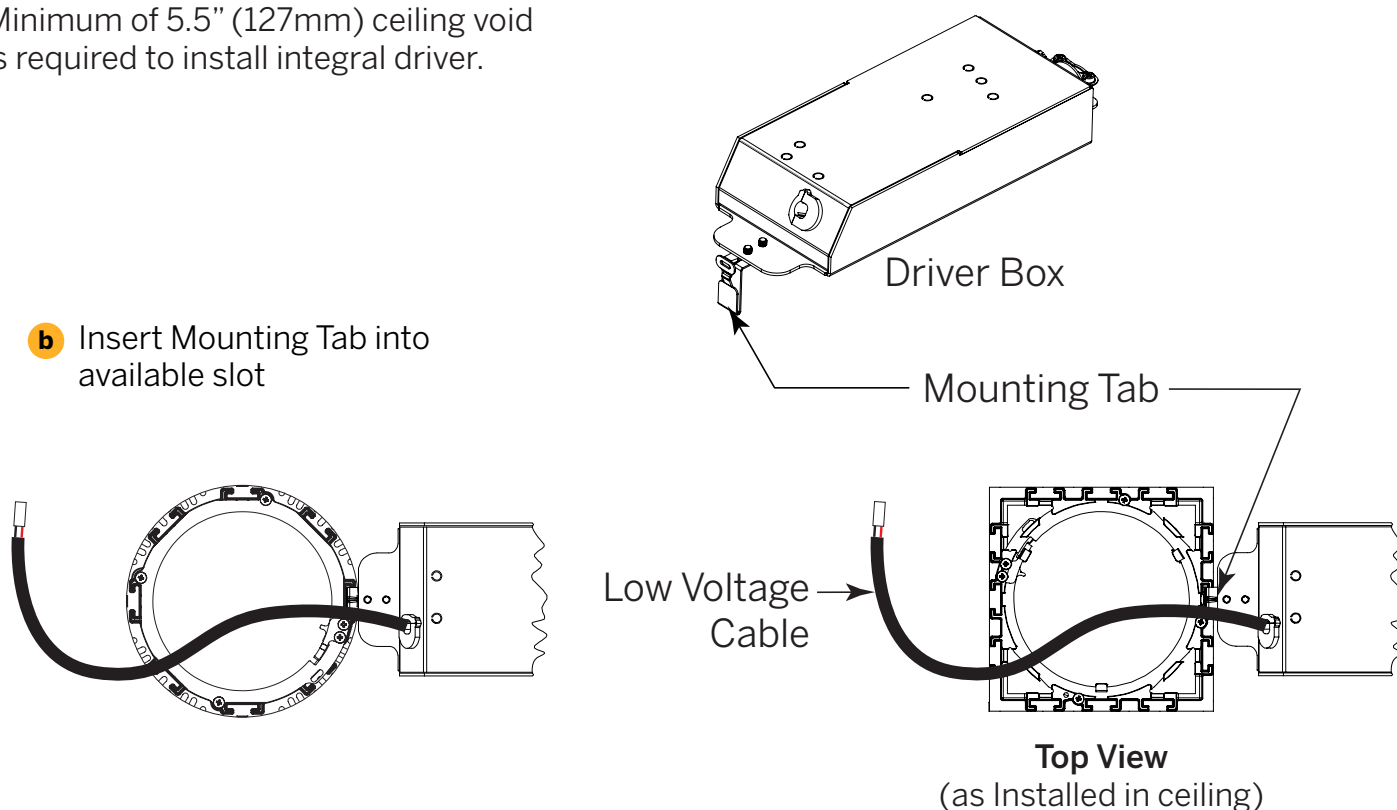
- a** Insert Driver Box through Trim as shown.



NOTE:

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

- b** Insert Mounting Tab into available slot

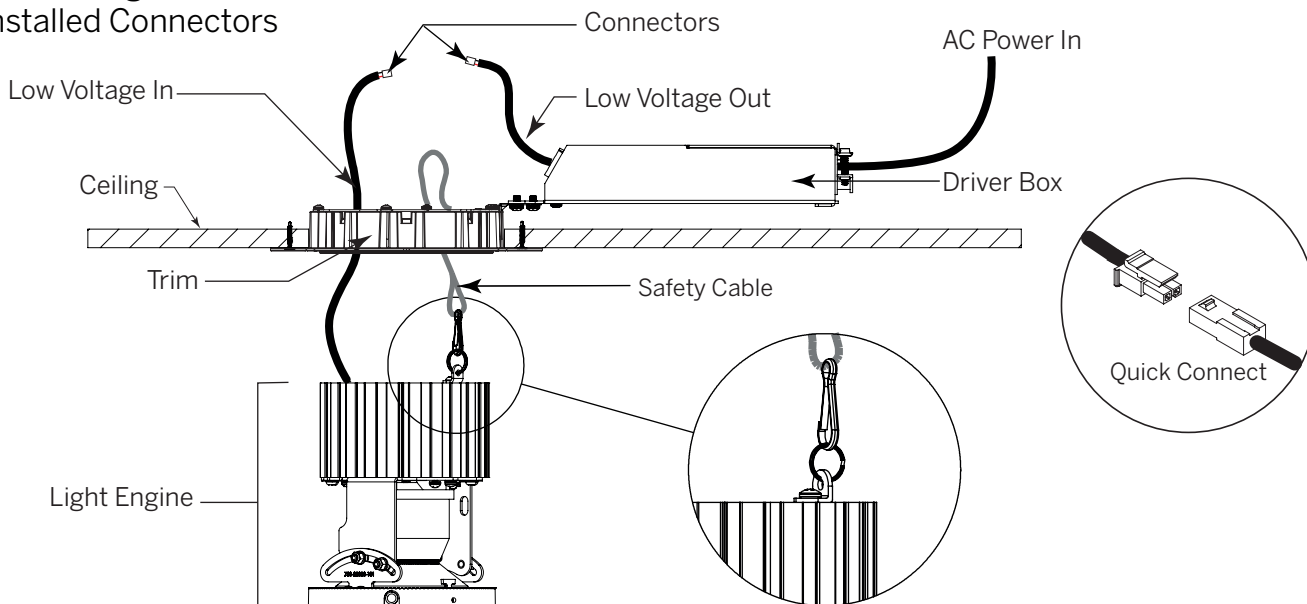


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Step 6 - **Connect Light Engine and Install Safety Cable**

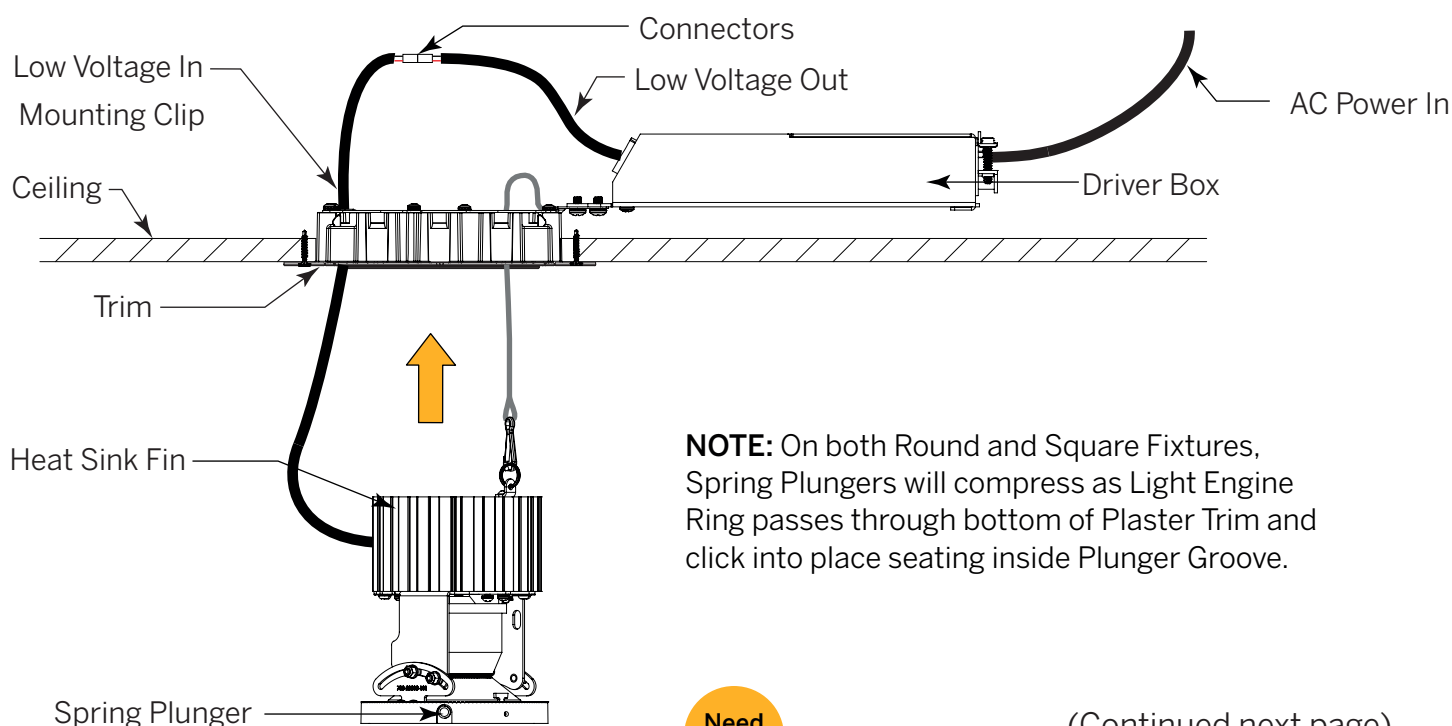
a Connect Safety Cable to Safety Cable Clip.

b Join Low Voltage Cables with pre-installed Connectors



Step 7 - **Insert Light Engine**

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



NOTE: On both Round and Square Fixtures, Spring Plungers will compress as Light Engine Ring passes through bottom of Plaster Trim and click into place seating inside Plunger Groove.

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(Continued next page)

4" ProTools

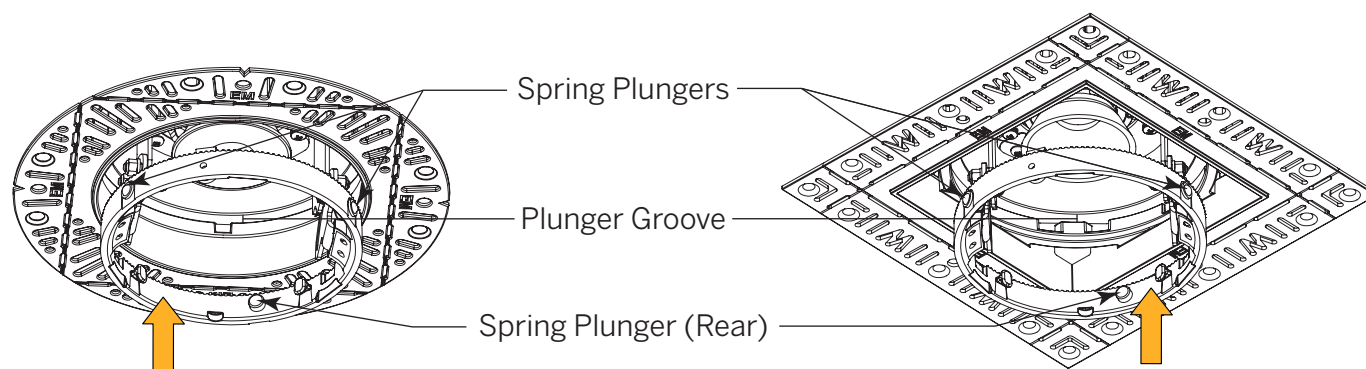
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Adjustable

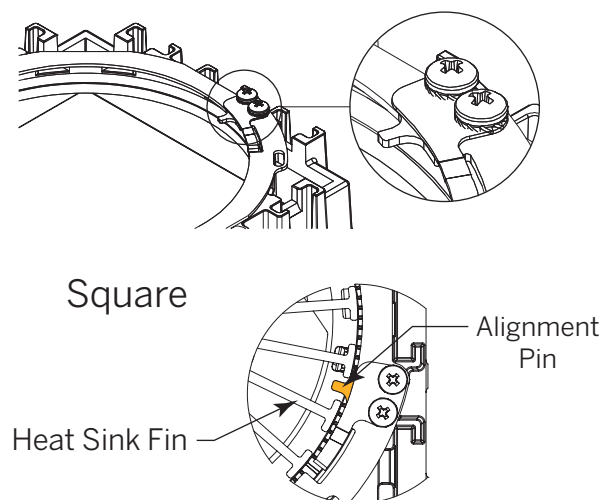
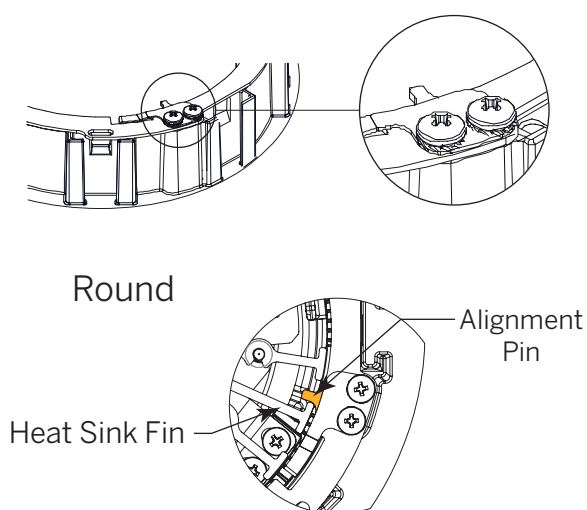
Round and Square
Recessed Plaster Trim

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Step 7 - *Insert Light Engine* (continued)



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



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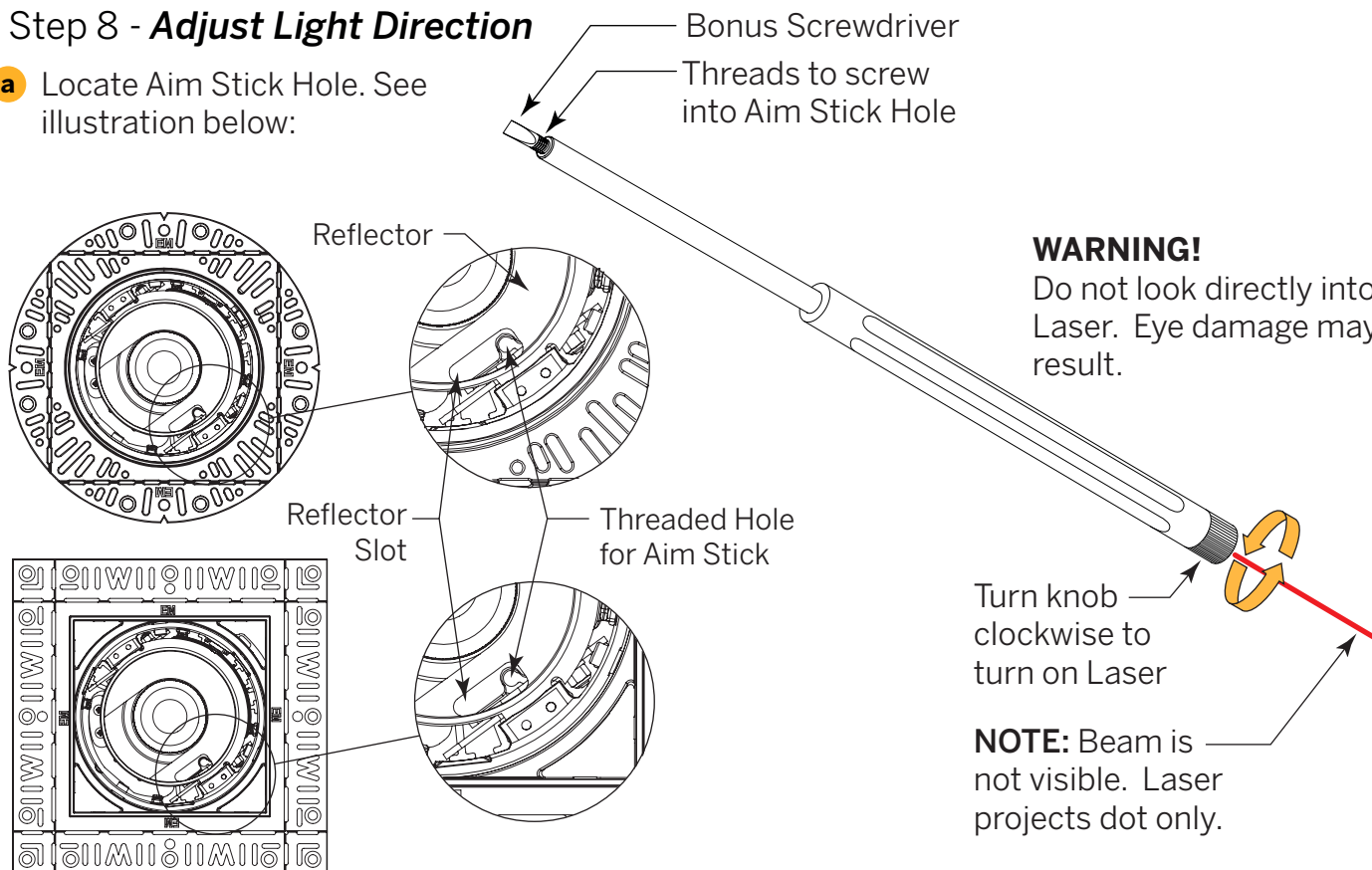
Adjustable

Round and Square
Recessed Plaster Trim

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Step 8 - **Adjust Light Direction**

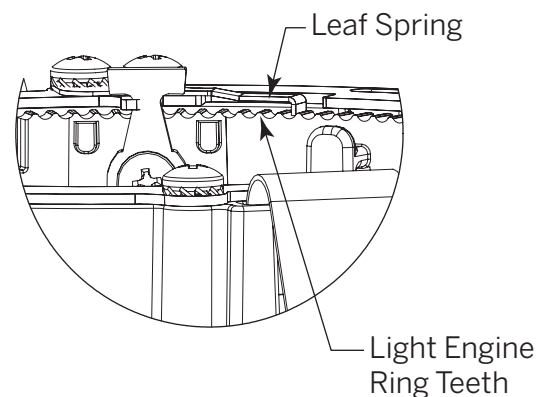
- a** Locate Aim Stick Hole. See illustration below:



- 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.



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Adjustable

Round and Square
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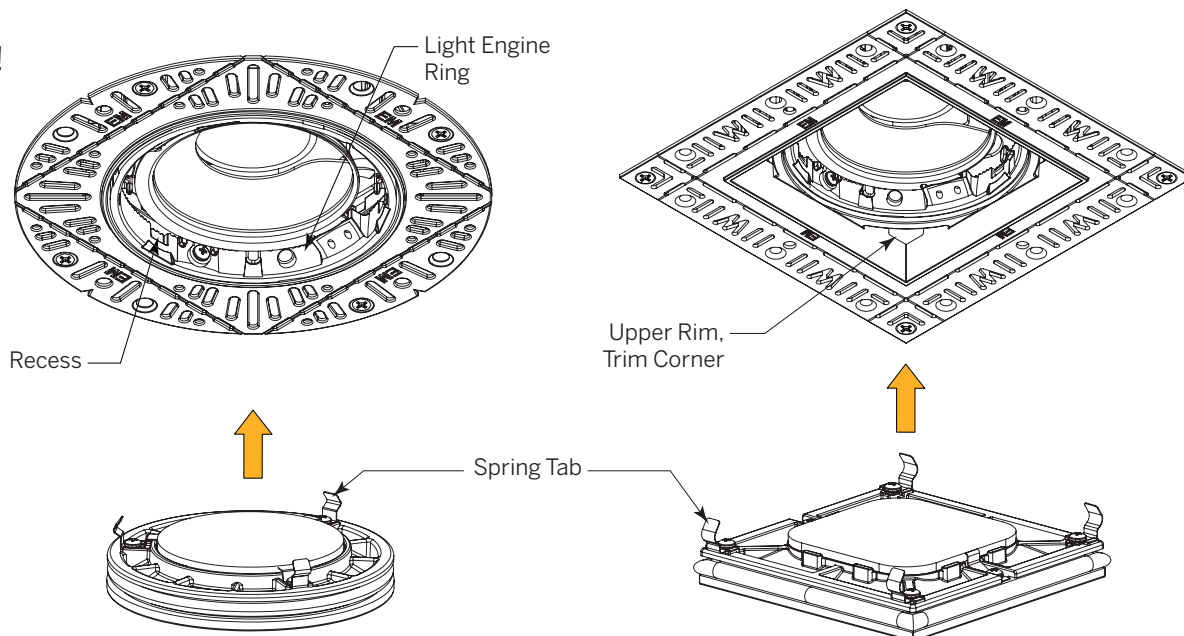
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Step 9 - *Insert Cover/Lens*

- 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.

When a click is felt, Cover/Lens is seated.

- c** Energize!



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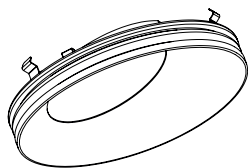
WG-100RPTDLX-RPT
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Adjustable

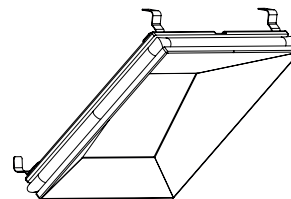
Round and Square
Recessed Plaster Trim

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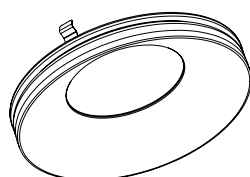
Available Cover/Lenses



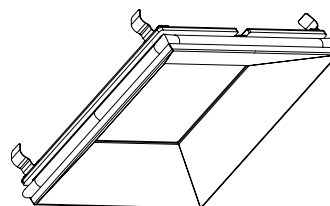
Round Asymmetric
Cone (RAC)



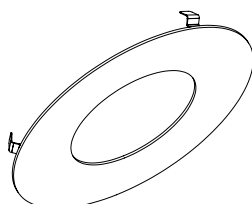
Square Asymmetric
Cone (SAC)



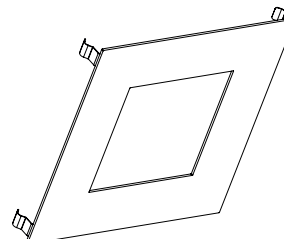
Round Regressed
Cone (RRC)



Square Regressed
Cone (SRC)



Round Regressed
Pinhole (RRP)



Square Regressed
Pinhole (SRP)

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