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READ AND FOLLOW ALL SAFETY INSTRUCTIONS! SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION.

⚠ WARNING: RISK OF ELECTRIC SHOCK

- Before installation or servicing **DISCONNECT POWER BY TURNING OFF THE CIRCUIT breakers both to the outlet box and to its associated wall switch.**
- Installation and service of luminaires should be performed by a qualified licensed electrician in accordance with all local and National Electrical Codes.
- Do not install damaged product
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved recognized wire connectors.

⚠ WARNING: RISK OF INJURY

- Allow luminaire to cool before servicing.
- Follow all manufacturer's warning and restrictions for driver type, mounting locations, replacement and recycling.
- Wear safety glasses and gloves when installing, maintaining or servicing.
- Avoid direct eye exposure to the light source while it is on.

⚠ WARNING: RISK OF FIRE

- Do not separate any other wires that may be in the box.
- Do not damage the insulation of older wiring.
- In regular circumstances the **BLACK** wire will be the "Hot" lead and the **WHITE** wire will be the "Neutral" or "Common" lead. A **GREEN** or **BARE COPPER** wire is "Ground". In older buildings, it is always good practice to reconfirm the polarity of the wiring.

⚠ RISK OF PRODUCT DAMAGE

- Never connect components under load.
- Do not touch the yellow surface of the LED as it may damage the light engine.

◆ TOOLS REQUIRED



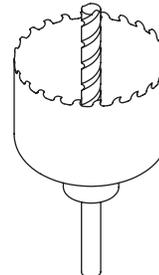
Screw Driver
Flat Head



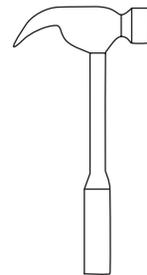
Screw Driver
#1 Philips



Screw Driver
#2 Philips



Hole Saw
(Or Speed Router)



Claw Hammer

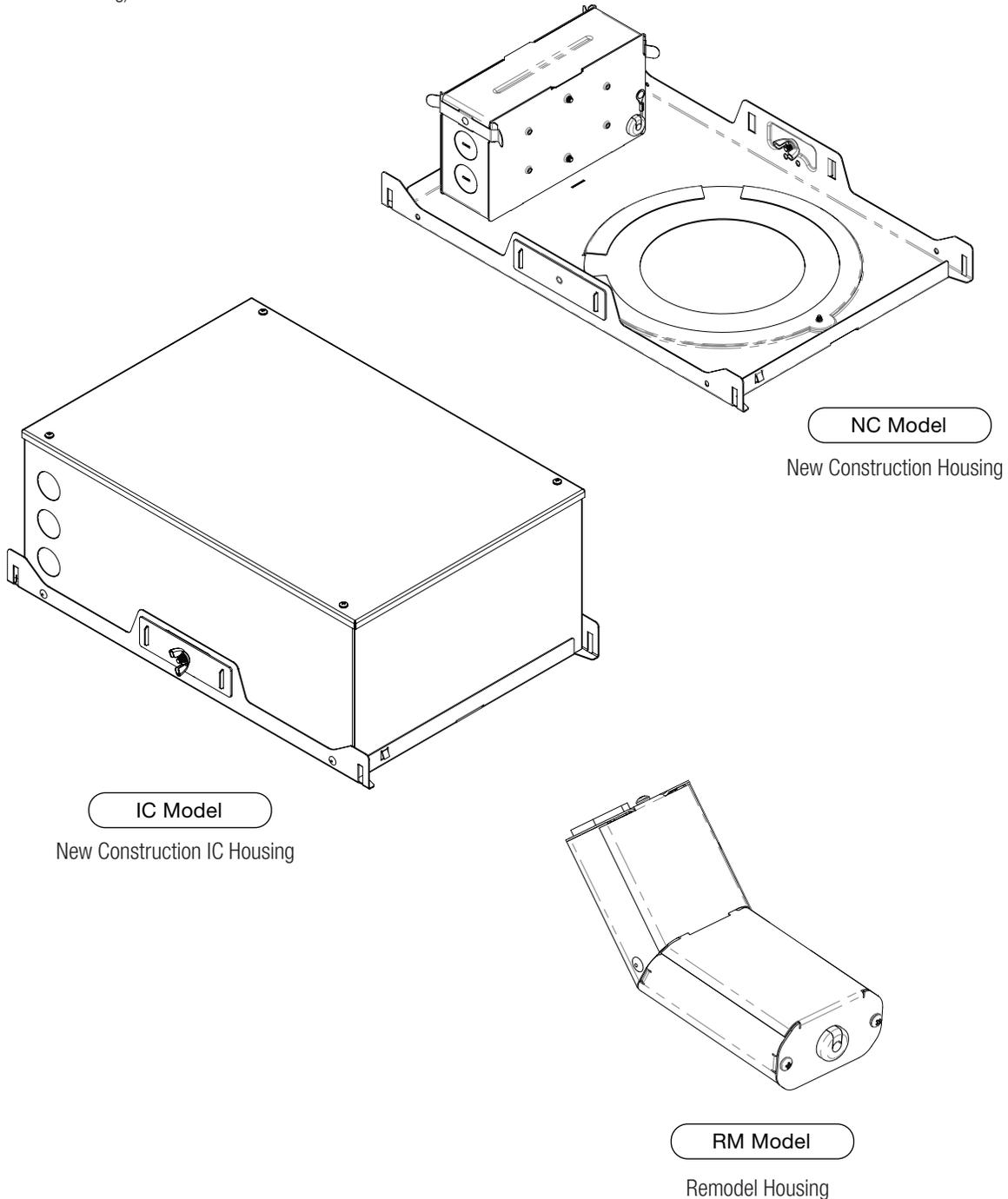
◆ ACCESSORIES REQUIRED



Electrical Wire Nut

◆ **APPLICABLE MODEL | IC Housing, NC Housing, RM Housing**

- IC (New Construction IC Housing)
- NC (New Construction Housing)
- RM (Remodel Housing)



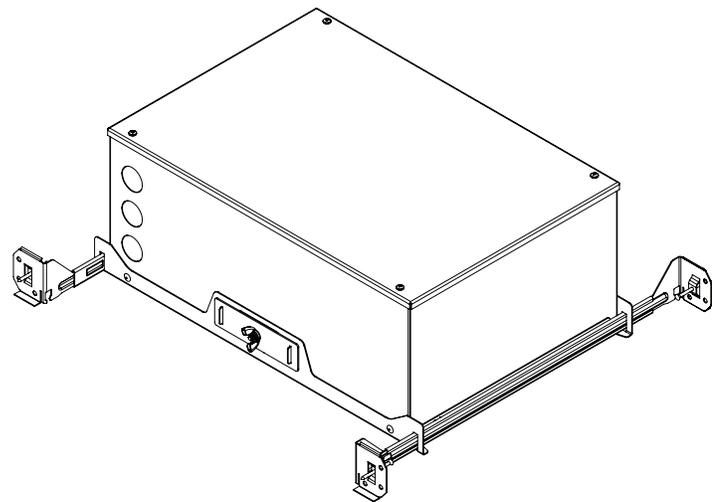
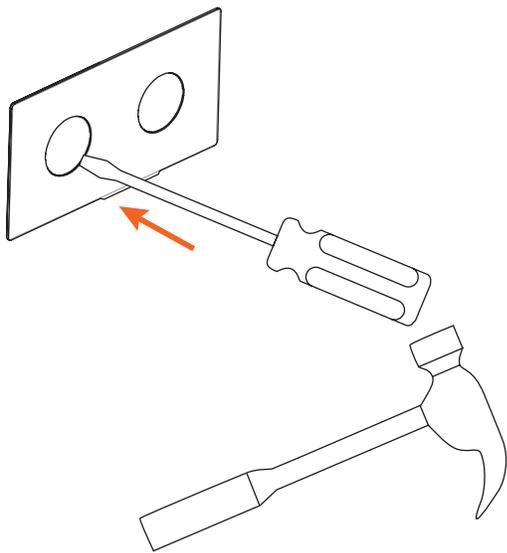
PREPARATION

◆ PREPARATION | Determine Housing Mounting Method

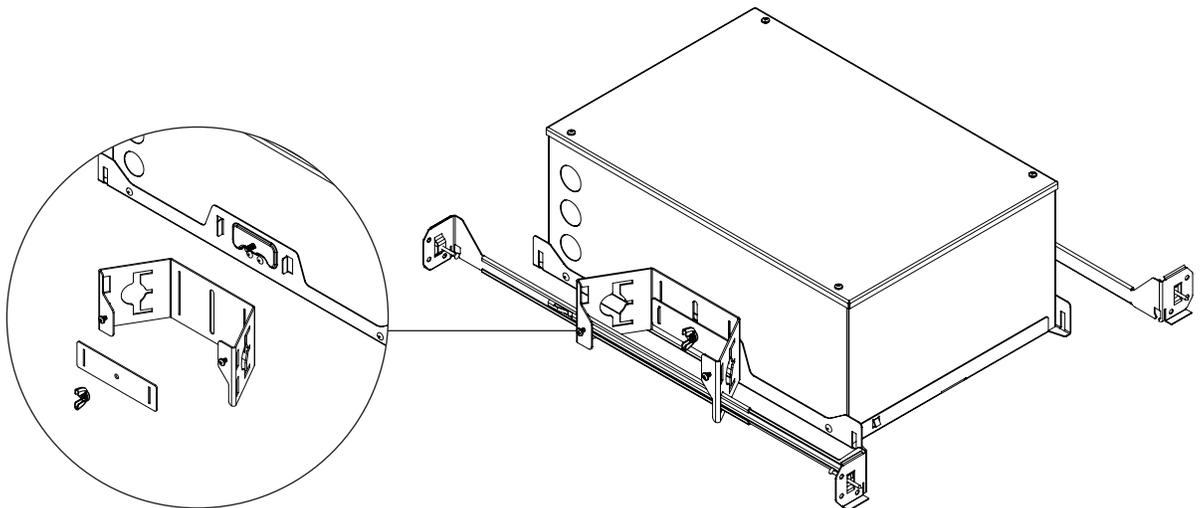
- ◆ **Standard hanger bars** provided secure the housing to ceiling joists. Install the hanger bars in the frame slots, oriented as shown.
- ◆ **Butterfly brackets** secure the housing using C-channel or conduit. To install the brackets, removed the wingnut and lock plate, mount the brackets on the housing, then re-attach the lock plate and wing nut. Adjust the vertical position of the housing by sliding the bracket up or down. Tighten the wingnut to lock the vertical position.

◆ PREPARATION | Remove Knock-Out

- Remove knock-out(s) where needed with a flat-head screwdriver and hammer.



Hanger bars in the housing pan slots

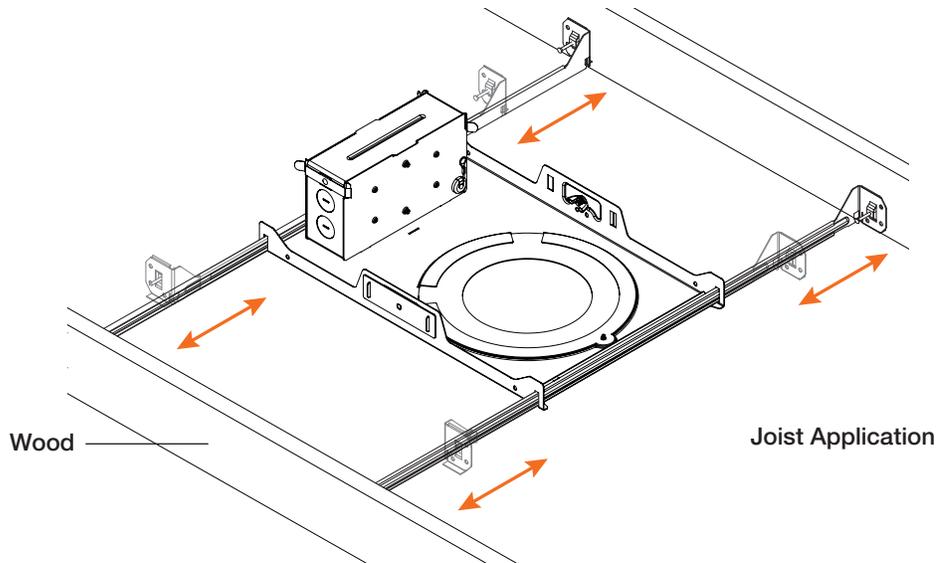


Butterfly Bracket

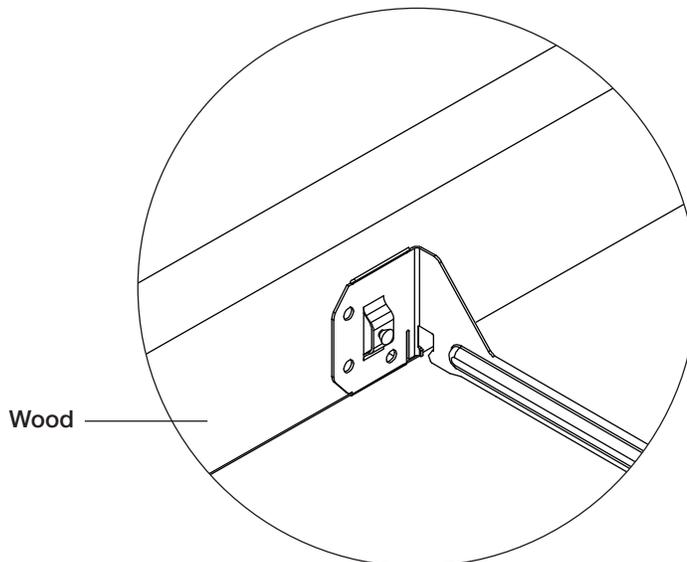
Butterfly bracket with hanger bars installed

INSTALLATION**◆ STEP 1 | Hanger Bar Adjustment**

- Adjust the hanger bars to fit between joists.

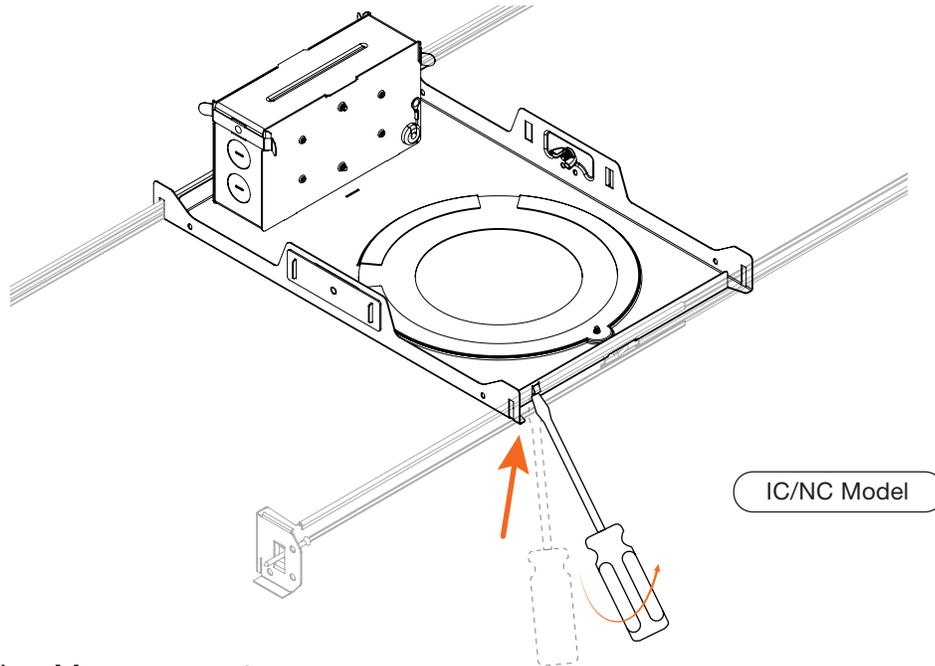
**◆ STEP 2 | Secure Hanger Bars**

- For wood joists, Line up the bottom of the hanger bars to the bottom of the joists and nail the ends of the hanger bars to the joists.

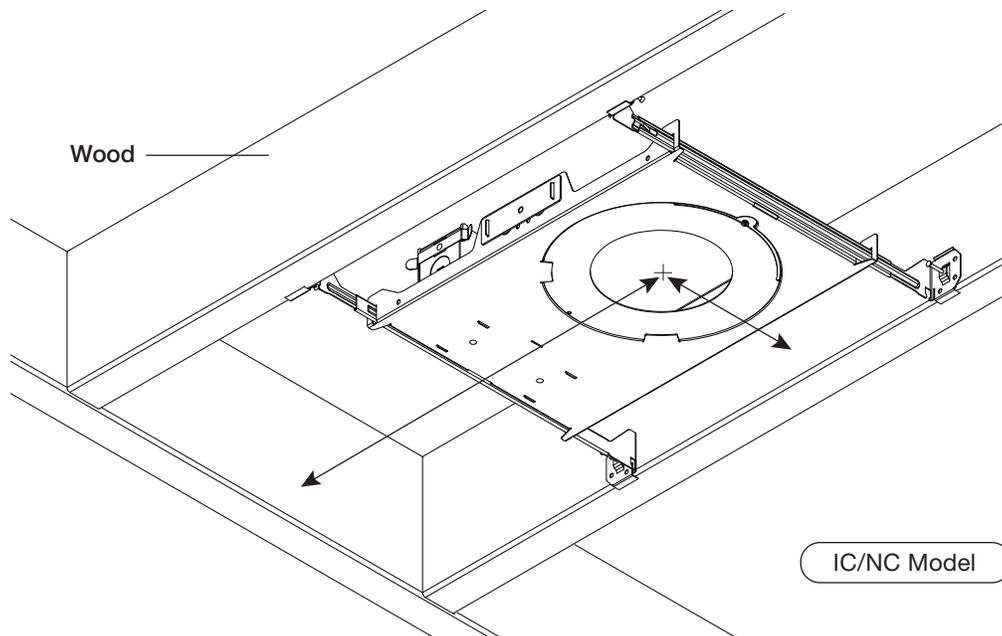


INSTALLATION**◆ STEP 3 | Secure System**

- Slide the housing to the desired position and use a flat head screwdriver to tilt the locking tabs into the hanger bars until system is secure.

**◆ STEP 4 | Position Measurement**

- Measure and mark the location of the pan hole from wood joists.

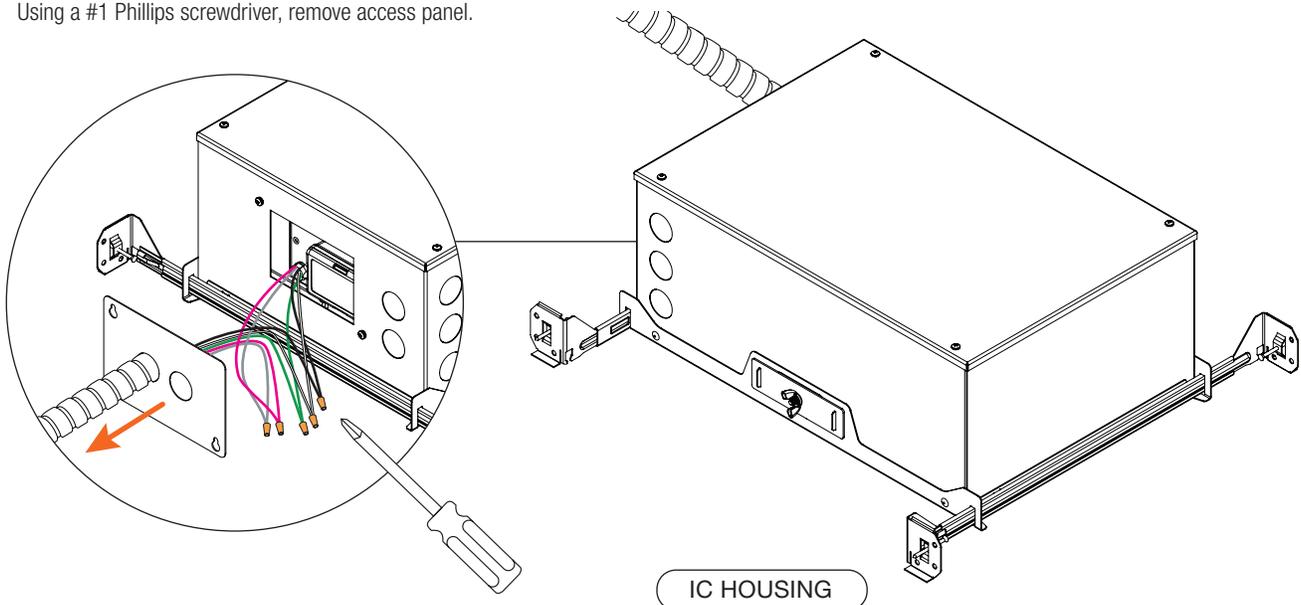


INSTALLATION**◆ STEP 5-A | Electrical Connection**

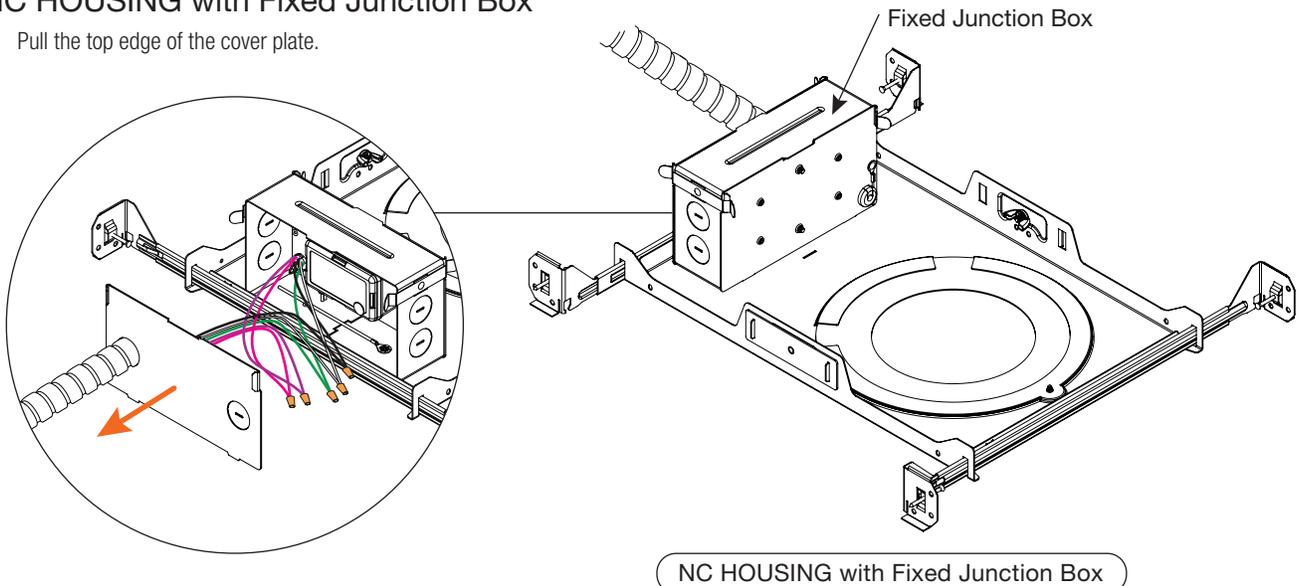
- If not already completed, use a flathead screwdriver and hammer to punch out knock-out(s).
- Remove Access panel.
- Using a UL listed conduit connector secure connector to the knock-out opening, passing supply wires through connector.
- Connect supply wires using approved wire nuts to the Driver using the wiring diagrams shown.
- Reattach access panel.

IC HOUSING

- Using a #1 Phillips screwdriver, remove access panel.

**NC HOUSING with Fixed Junction Box**

- Pull the top edge of the cover plate.

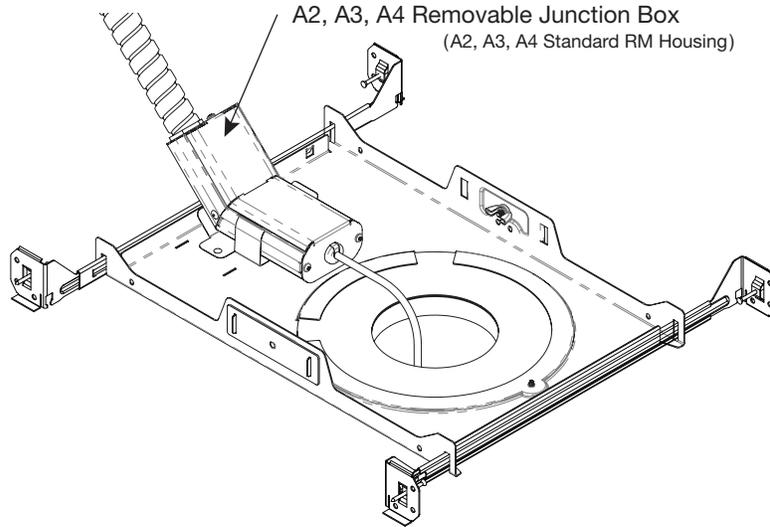


INSTALLATION

◆ **STEP 5-A | Electrical Connection**

NC HOUSING with Removable Junction Box

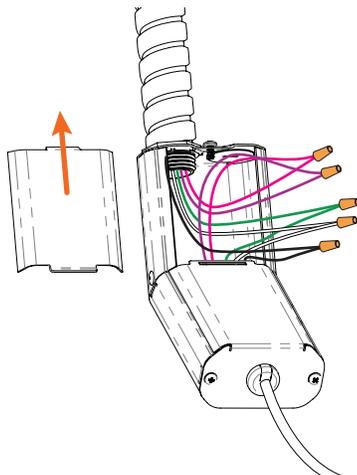
- Use RM Housing wiring diagram below and secure junction box in position on the NC plate.



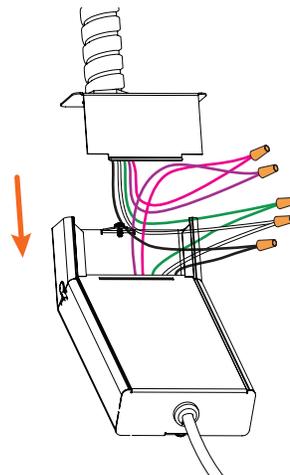
A2, A3, A4 NC Housing with Removable Junction Box

RM HOUSING

- After wiring, set junction box above ceiling with room for module installation.



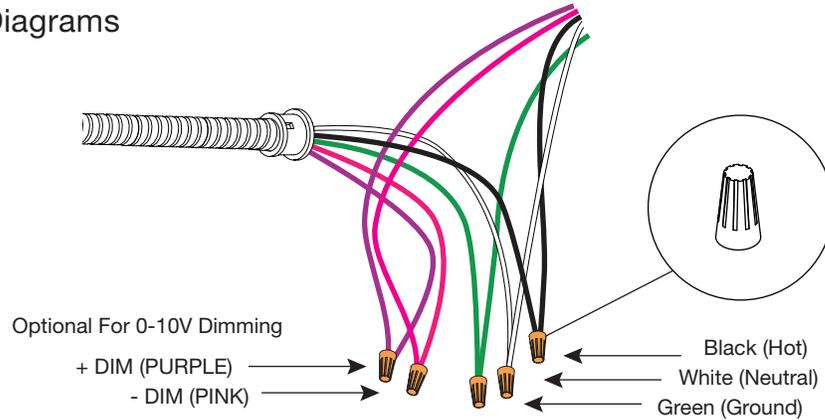
A2, A3, A4 Standard RM Housing



A3, A4 Alternate RM Housing

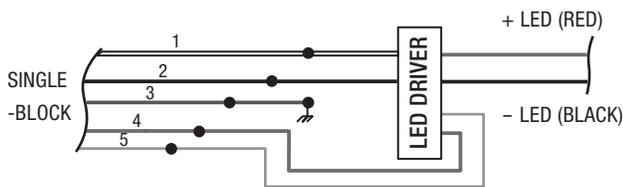
INSTALLATION

◆ **STEP 5-B | Wiring Diagrams**



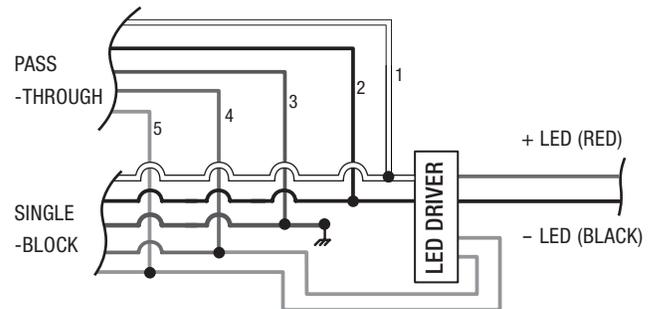
TRI-DIMMING

For Single-Block Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/ - DIM (PINK)

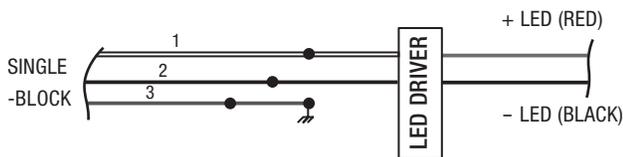
For Pass-Through Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/ - DIM (PINK)

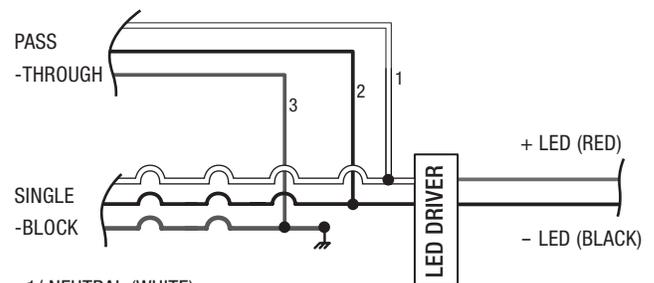
PHASE DIMMING ONLY

For Single-Block Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)

For Pass-Through Connection



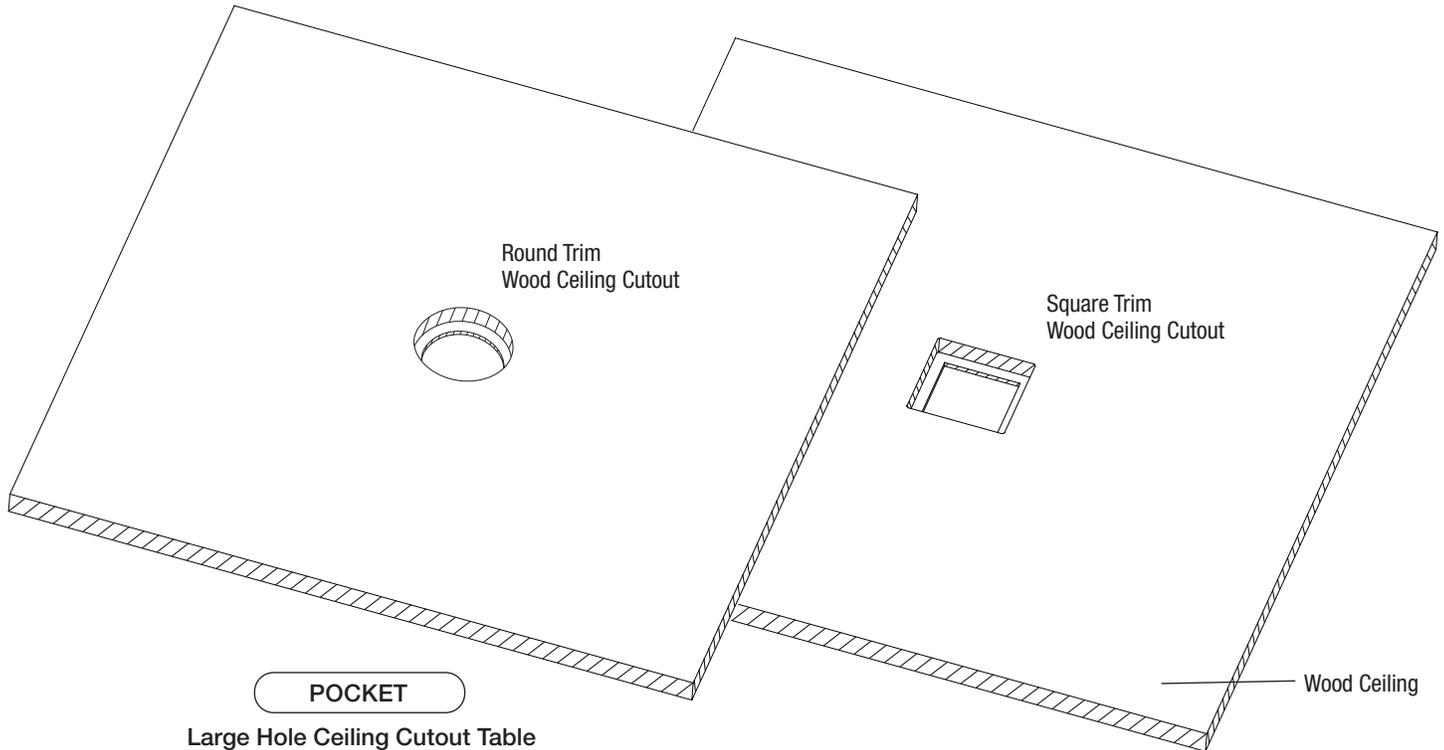
- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)

INSTALLATION

◆ STEP 6 | Wood Ceiling Cutout + Installation

WOOD CEILING CUTOUT

- Ceiling needs to be prepared with a larger hole cut above a smaller hole to create the trimless effect.
- One method is to cut the larger hole in the ceiling and the smaller hole in laminate and place the laminate over the hole on the ceiling.
- Another method is to cut the smaller hole and create the larger space above it using a router.
- Thickness of material around small Thru-Hole must be ¼ Inch.



POCKET

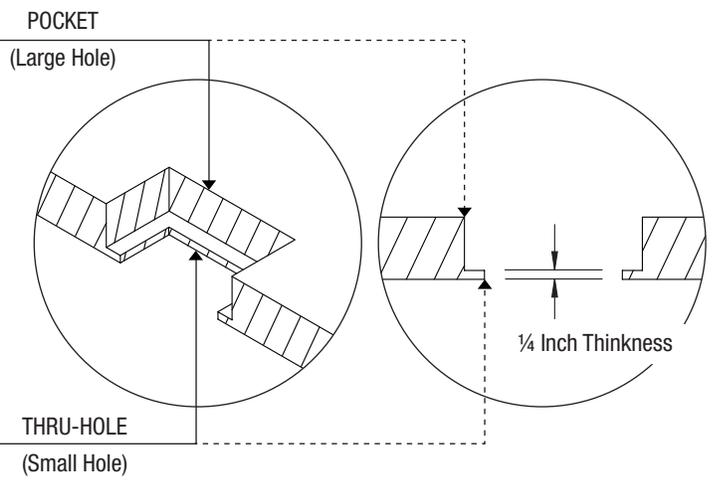
Large Hole Ceiling Cutout Table

Model	ACROBAT 2 Inch	ACROBAT 3 Inch	ACROBAT 4 Inch
Round	Ø 4" (Ø 102 mm)	Ø 5" (Ø 127 mm)	Ø 6" (Ø 152 mm)
Square	4" x 4" (102 x 102 mm)	5" x 5" (127 x 127 mm)	6" x 6" (152 x 152 mm)

THRU-HOLE

Small Hole Ceiling Cutout Table

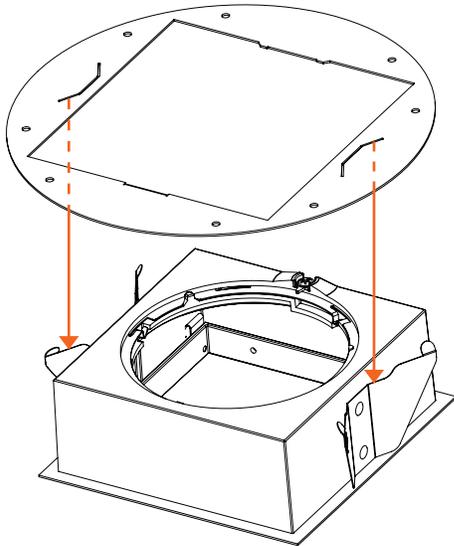
Model	ACROBAT 2 Inch	ACROBAT 3 Inch	ACROBAT 4 Inch
Round	Ø 2 7/8" (Ø 73 mm)	Ø 3 7/8" (Ø 98 mm)	Ø 4 7/8" (Ø 124 mm)
Square	2 7/8" x 2 7/8" (73 x 73 mm)	3 7/8" x 3 7/8" (98 x 98 mm)	4 7/8" x 4 7/8" (124 x 124 mm)



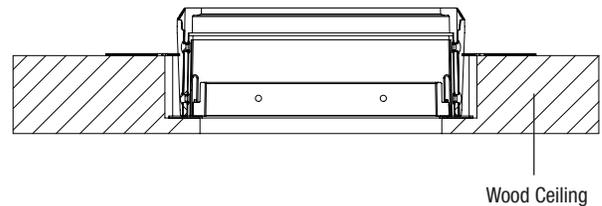
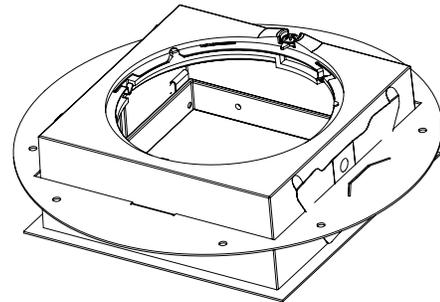
INSTALLATION

◆ **STEP 6 | Wood Ceiling Cutout + Installation**

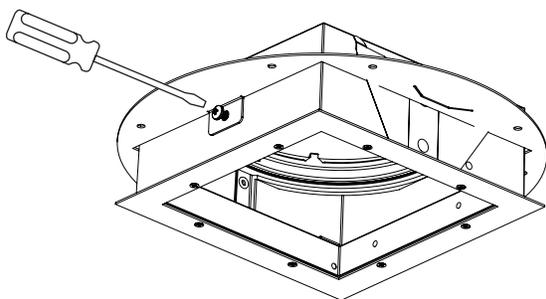
FIT MODULE, INSTALL WOOD CEILING ADAPTOR



- 1** Make sure the spring clips on the housing line up with indicators shown on the adaptor plate.



- 2** Match the plate height to the depth of the pocket on the ceiling. Ensure that the Adapter Plate is set to correct height so that, once installed, the Trim sits on the bottom of the pocket while the Adapter Plate sits on top of the ceiling.



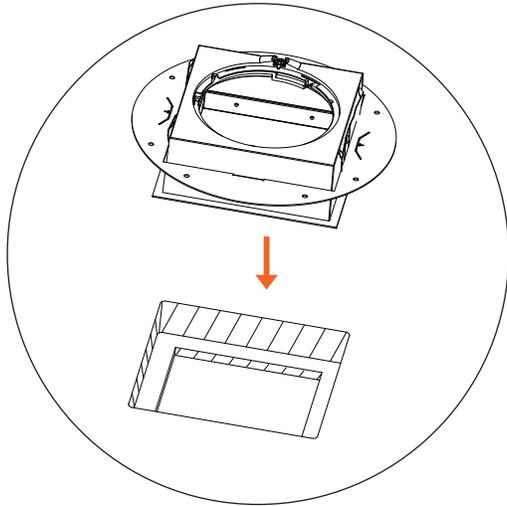
- 3** Tighten screw to lock adapter plate in place.

INSTALLATION

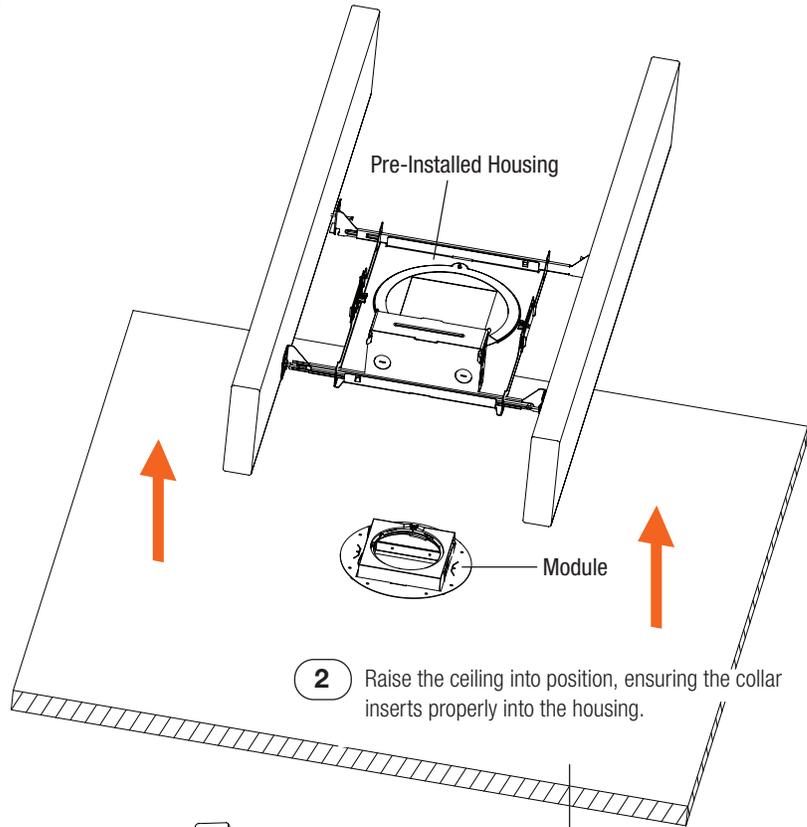
◆ **STEP 6 | Wood Ceiling Cutout + Installation**

INSTALL MODULE, HOUSING (OPTION A)

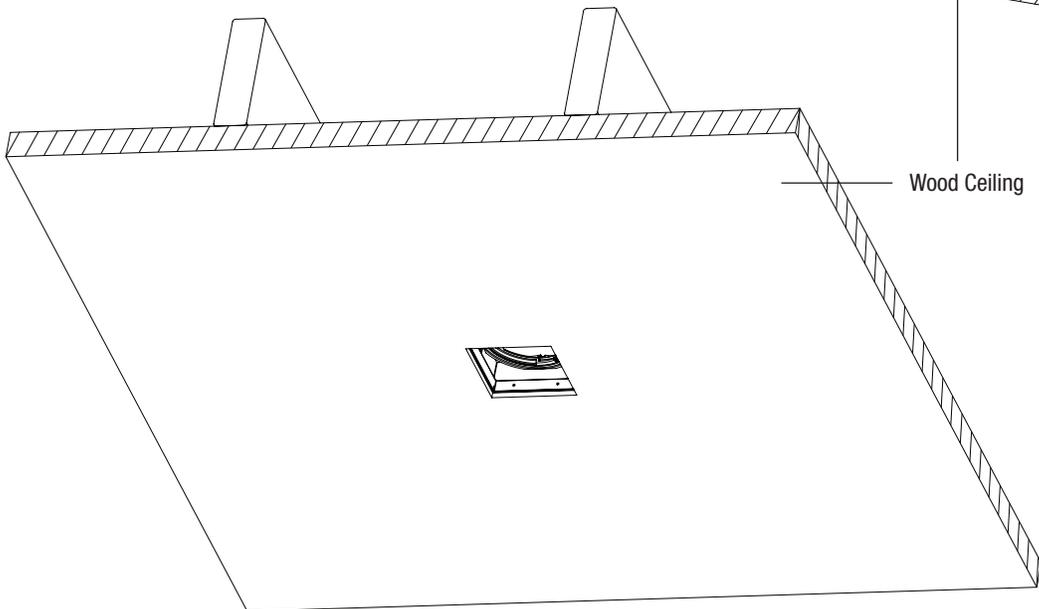
OPTION A



1 Secure the Adapter Plate to the ceiling with screws or adhesive (not included).



2 Raise the ceiling into position, ensuring the collar inserts properly into the housing.

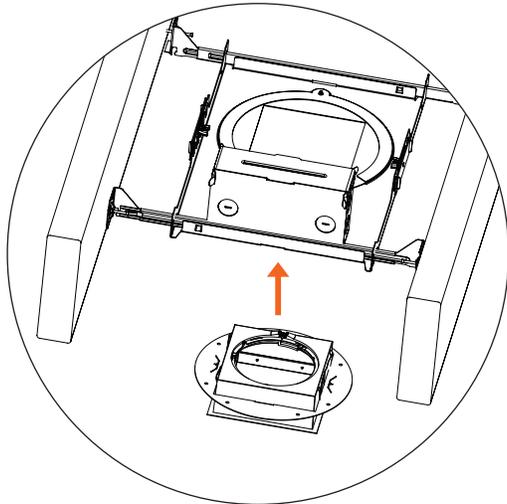


INSTALLATION

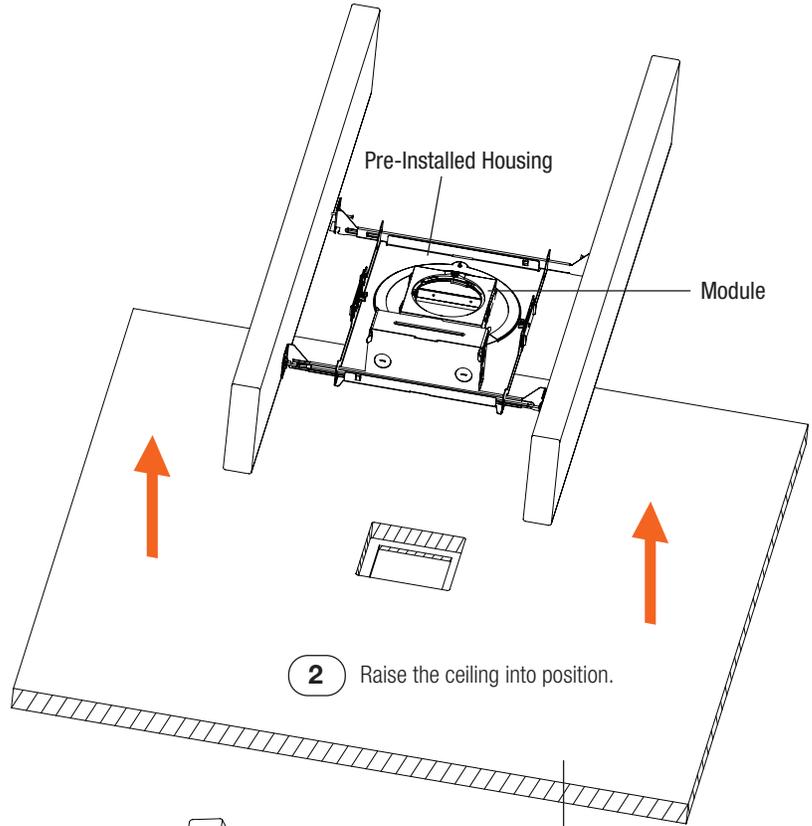
◆ **STEP 6 | Wood Ceiling Cutout + Installation**

INSTALL MODULE, HOUSING (OPTION B)

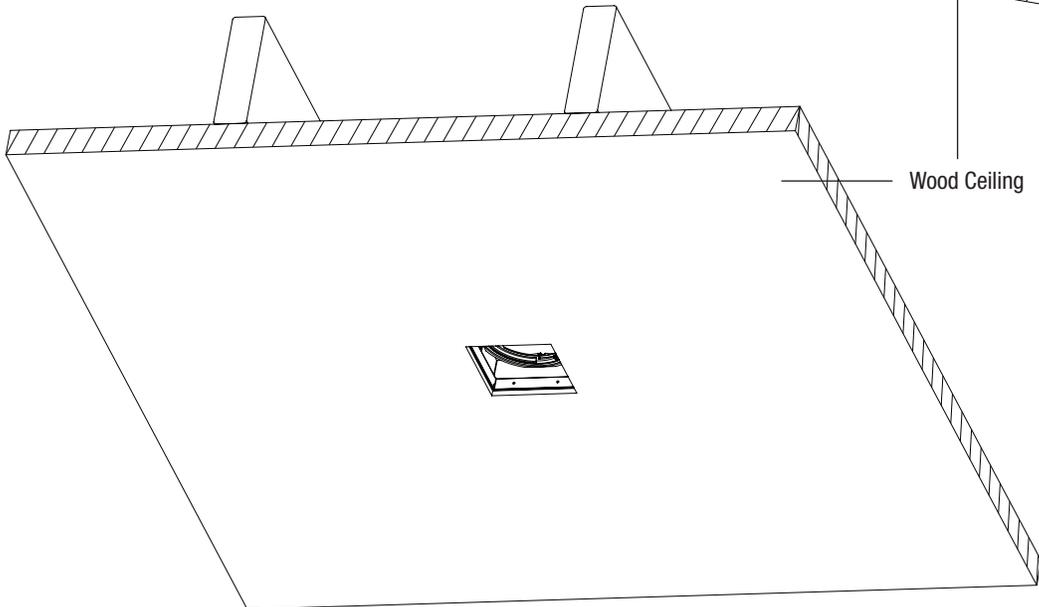
OPTION B



1 Insert the collar into the Housing.



2 Raise the ceiling into position.

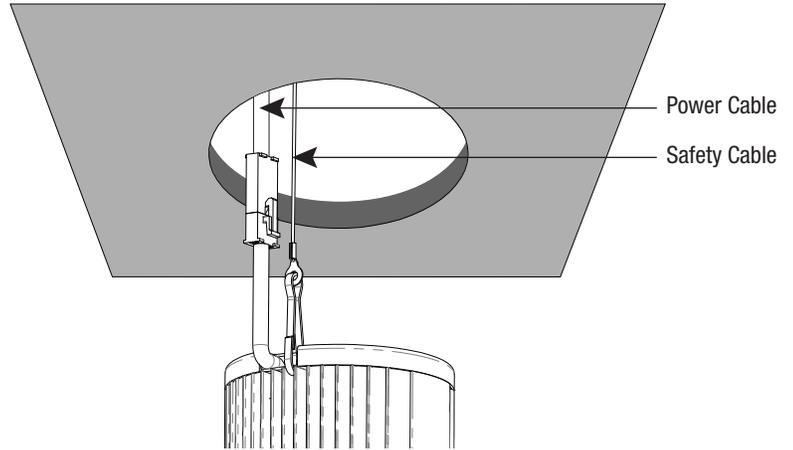


INSTALLATION

◆ STEP 7-A | Module Connection

◆ Connect the module to the driver (A2, A3, A4 Systems)

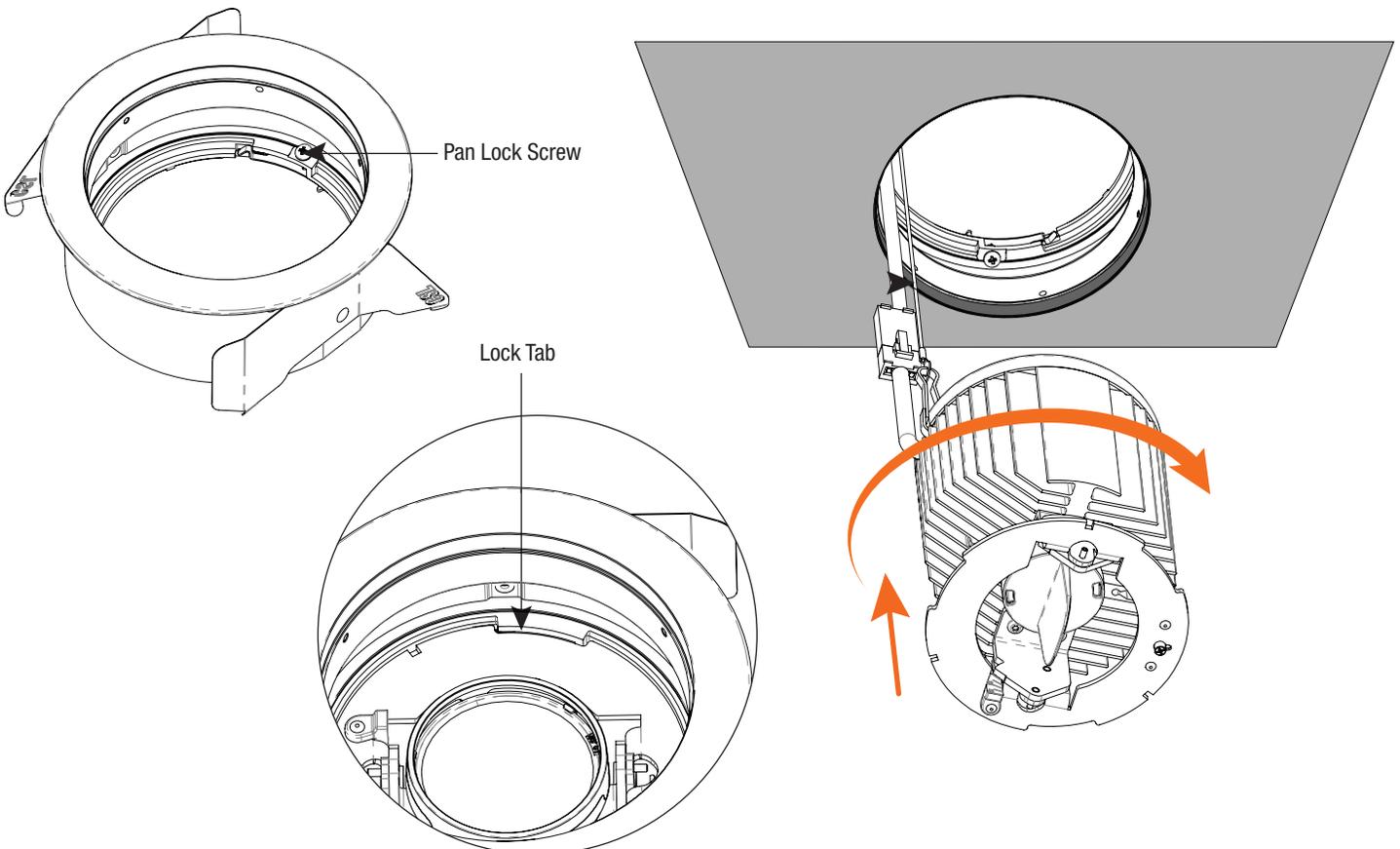
- Ensure the module is set at 0 deg tilt (fully vertical).
- Pull the driver power connector and safety cable through the ceiling opening.
- Connect the safety cable hook to the module.
- Connect the power cable to the module.



◆ STEP 7-B | Module Installation

◆ Wood Ceiling (A2, A3, A4 Systems)

- Verify the pan ring in the collar is locked. The lock screw should be tight.
- Attach the install tool to the module by aligning the tabs on the install tool with the slots on the module, then push and rotate the tool clockwise.
- Align the tabs on the module plate with the slots in the collar, then push and rotate clockwise until you feel the module lock into place.
- Rotate the install tool anti-clockwise, making sure that the module remains locked in place and only the install tool rotates out.



INSTALLATION

◆ STEP 8 | Optic and Media Installation or Replacement

Acrobat Downlights ship with your choice of optic installed. If ordered, alternate optics and media will be included with the shipment and will need to be installed.

Removing Installed Optic

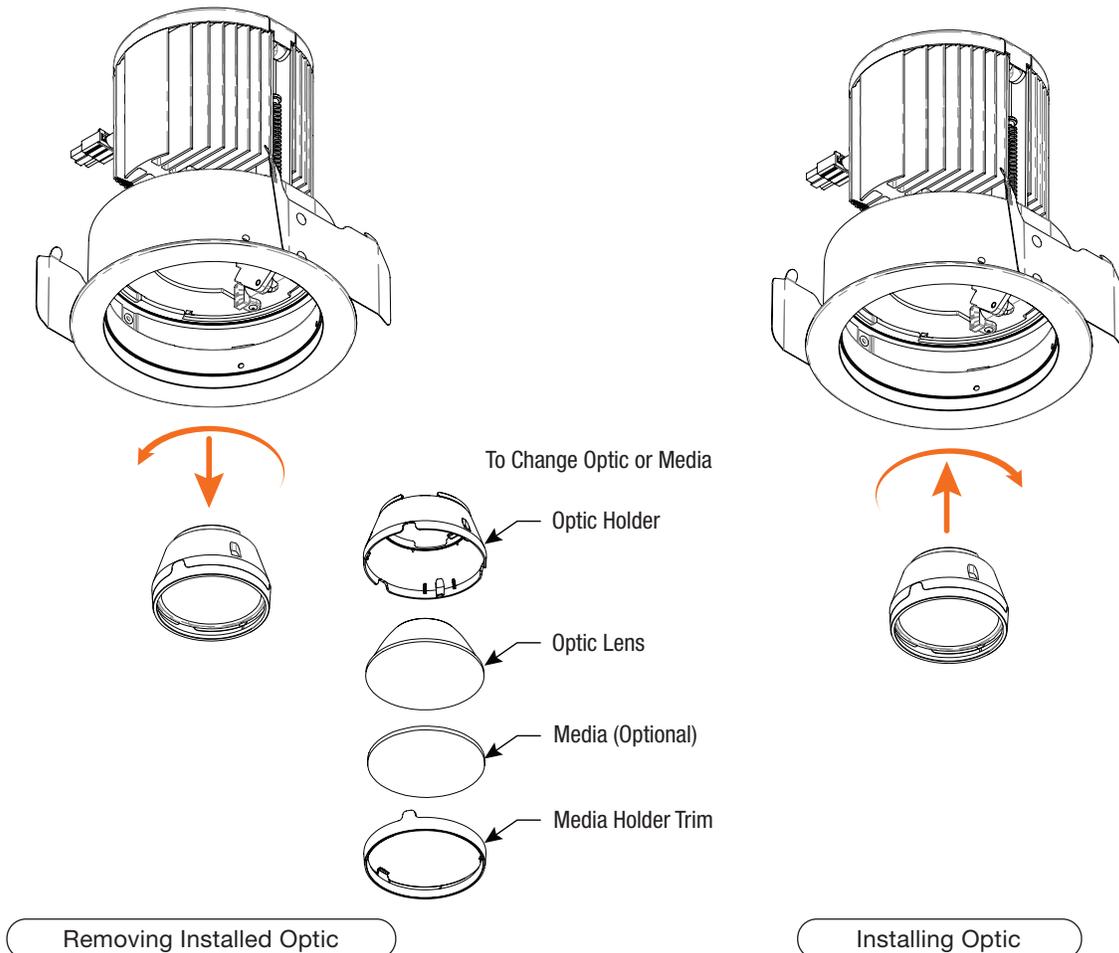
- Remove Optic Holder, and using Optic Installation Tool, snap tool over Optic.
- Rotate counterclockwise and pull-out Optic from Luminaire.

Installing Optic

- Reattach Optic Holder if necessary.
- Aligning the tabs on the Optic to the slots on the module, push and rotate the Optic clockwise securing the Optic to the module.

Adding Media

- Remove the Optic using the steps listed above.
- Place the desired Media within the Media Holder Trim, then snap the Media Holder Trim to the Optic Holder.
- Holding the Media Holder re-attach Optic to luminaire.



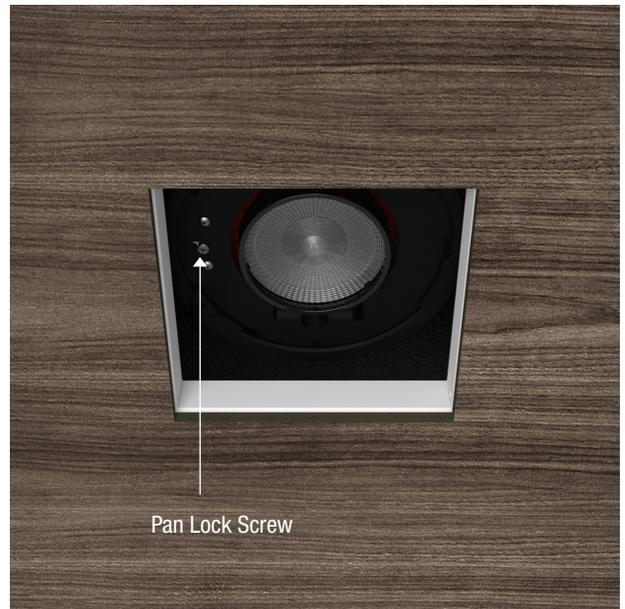
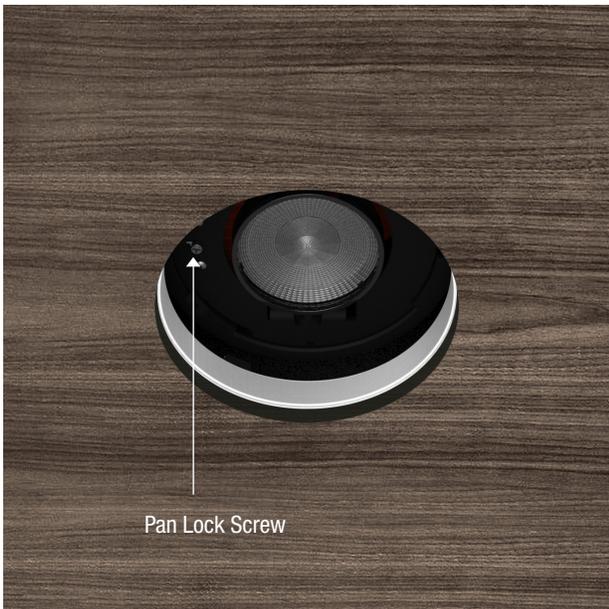
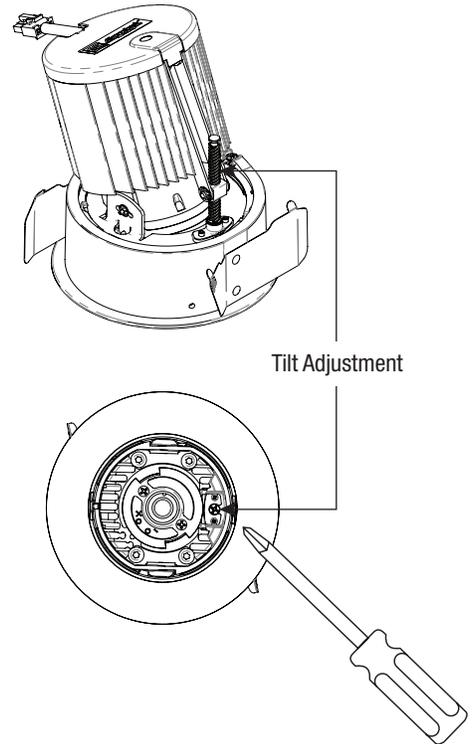
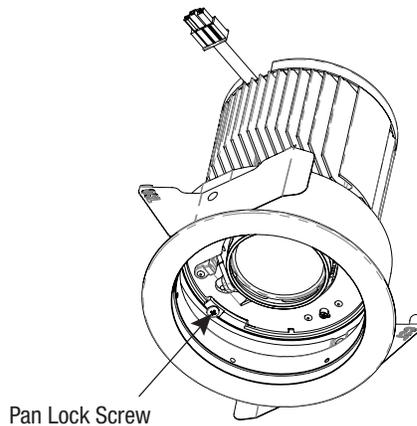
INSTALLATION

◆ STEP 9 | Light Beam Adjustment & Reflector Installation

Light Beam Adjustment (Pan & Tilt)

◆ A2, A3, A4 systems

- Pan** • Using a #1 Phillips screwdriver, loosen the pan lock screw.
 - Pan the system to the desired position, then tighten the pan lock screw.
- Tilt** • Using a #1 Phillips screwdriver, rotate the tilt drive screw until reaching the desired position.
 - Use the tilt indicator to verify tilt angle.

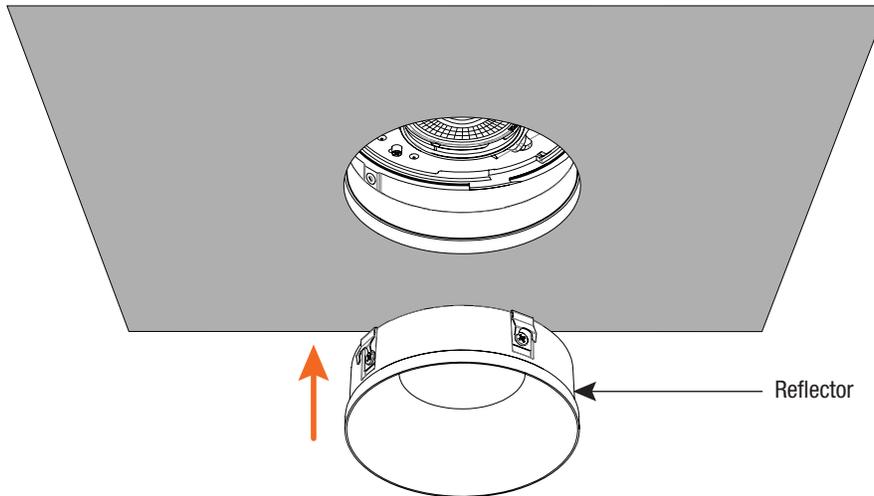


INSTALLATION

◆ **STEP 9 | Light Beam Adjustment & Reflector Installation**

Reflector Installation

- Push the reflector up until it snaps into position.



Round Trimless Shown



Square Trimless Shown