

Remodel Halogen Adjustable Housing

E3_RF-H_AN_ 1.0



ELEMENT

GENERAL PRODUCT INFORMATION



This product is suitable for remodel and new construction applications.

This product is suitable for damp locations.

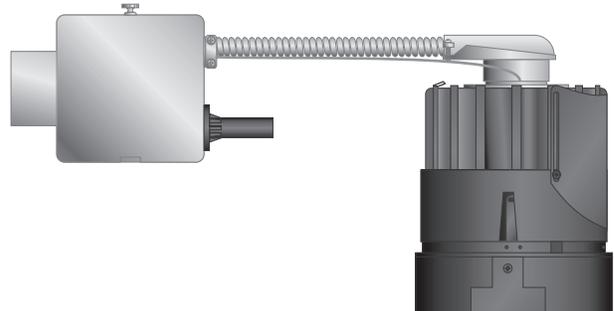
This product is approved for use at any height above the finished floor.

This product must **not** be installed in insulated ceilings.

Electronic and No Load Electronic versions may be dimmed with a electronic low-voltage dimmer.

Magnetic transformer version may be dimmed with a magnetic low-voltage dimmer.

A typical installation is shown. Specific installation must be in accordance with local electrical codes. Read all instructions thoroughly before installing.

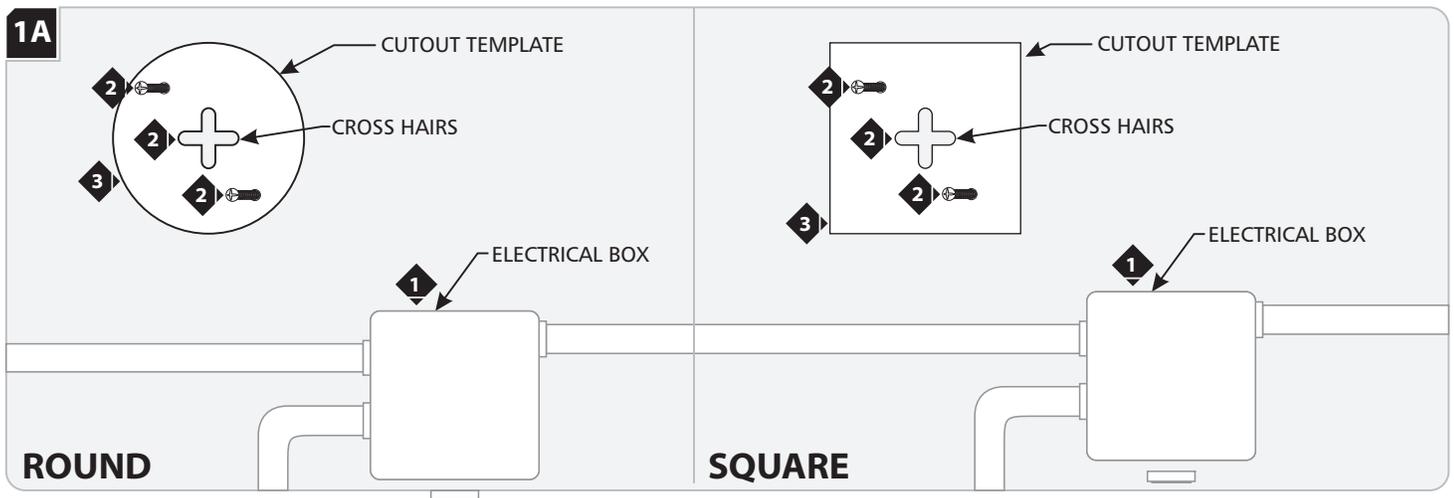


CAUTION - RISK OF FIRE
 This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
 Use minimum 90°C supply conductors.

NOTE: Choose an installation location with enough clearance to allow tilt adjustability.

SAVE THESE INSTRUCTIONS!

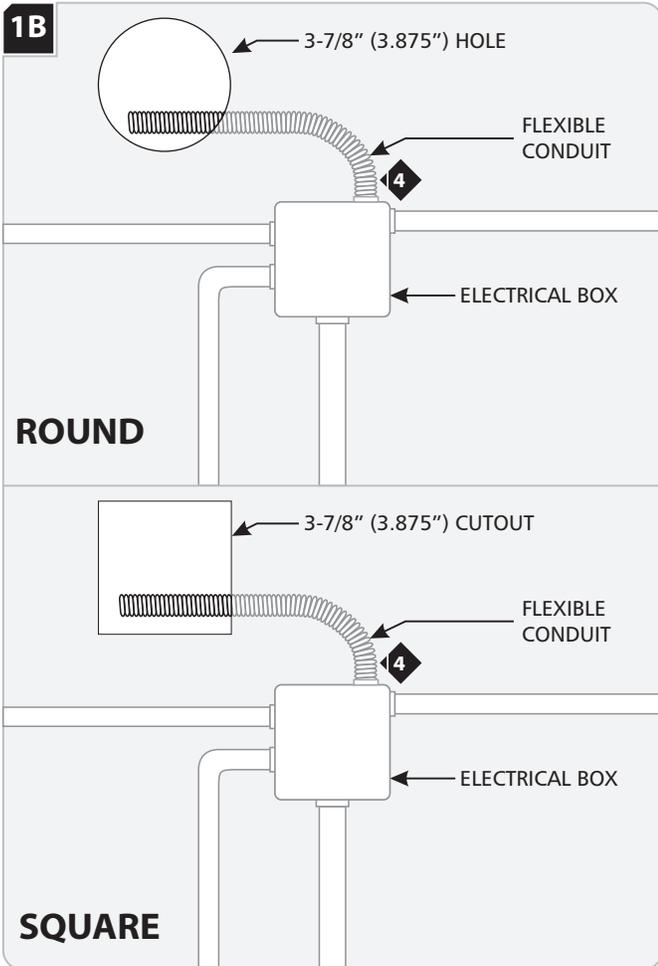
Prepare for Installation



- 1 Locate any electrical boxes and conduit already present in the ceiling.
- 2 Using a laser or string, align the cutout template using the cross hairs and secure it to the ceiling with two screws.
- 3 Mark around the template and cut an approximate 3-7/8" (3.875) hole/cutout; template is slightly undersized at 3.860". Take care not to damage any existing electrical boxes or conduit.

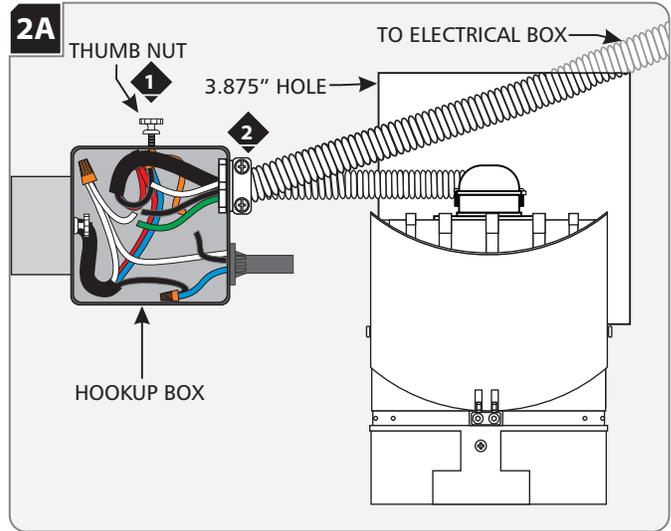


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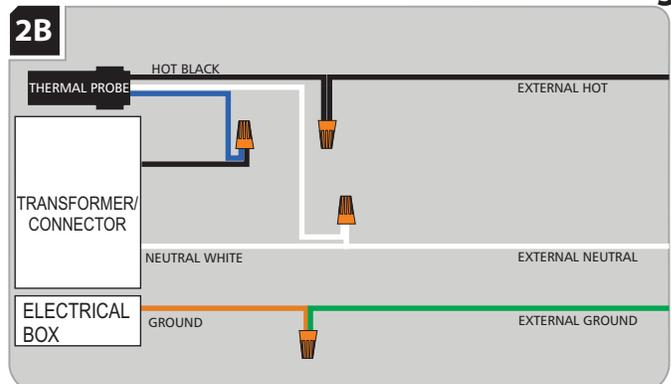
4 Attach flexible conduit (not included) to an electrical box and feed the conduit out of the cutout.

Connect Power to the Fixture

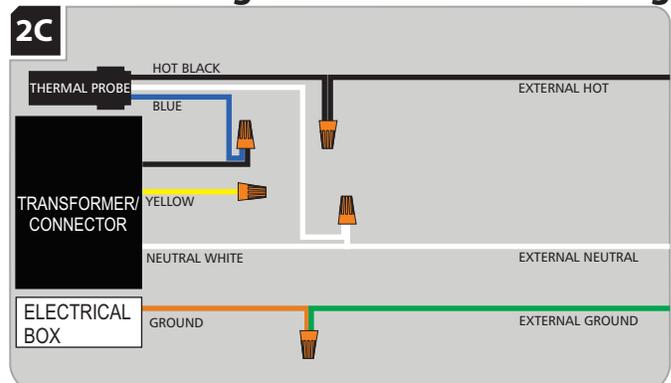


- 1 Loosen the thumbnut and remove the cover from the hookup box.
- 2 Attach flexible conduit (installed in **section 1A**) to the hookup box.
- 3 Power the fixture using the following wiring diagrams according to the driver included with the fixture.

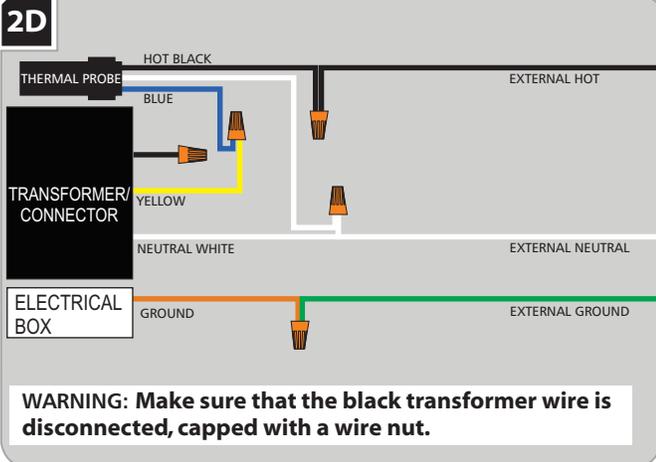
Electronic and No Load Transformer Wiring



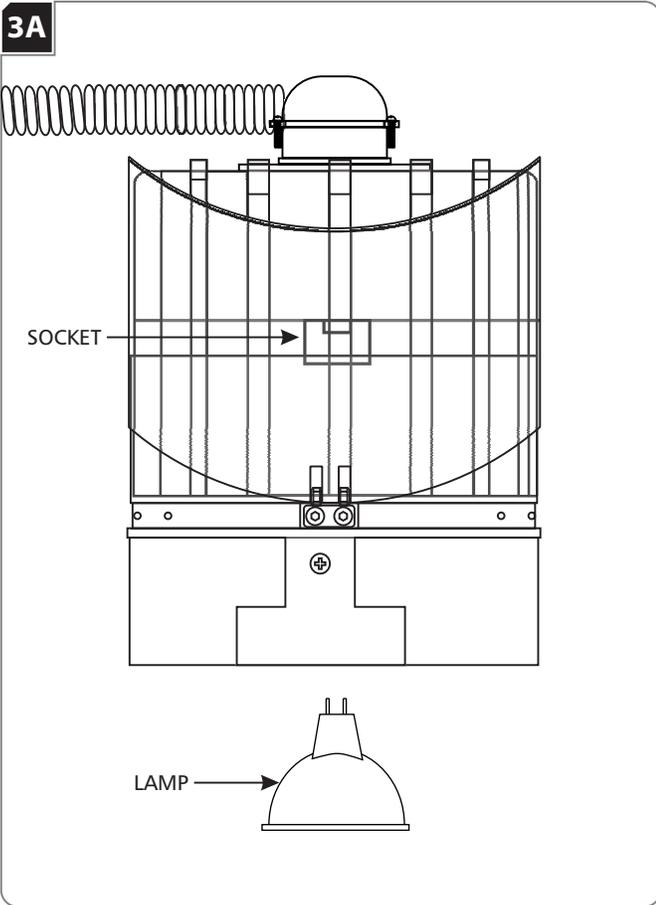
Magnetic Transformer Wiring



Magnetic Transformer With Dimmer Wiring



Install the Lamp

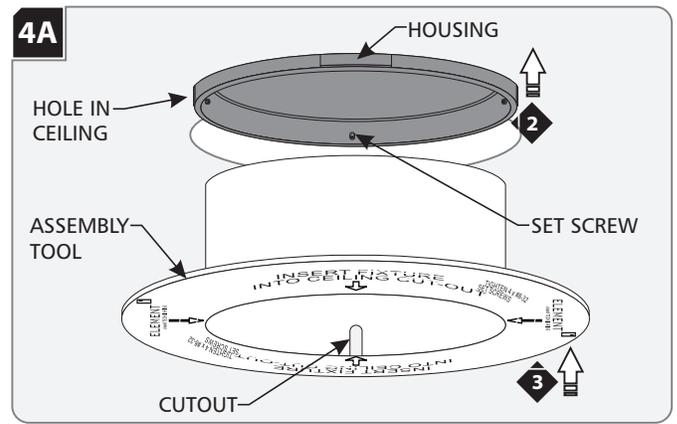


Use **MAX 75 Watt** Type MR16 Halogen Lamp.

Use **MAX 12 Watt** Type MR16 LED Lamp.

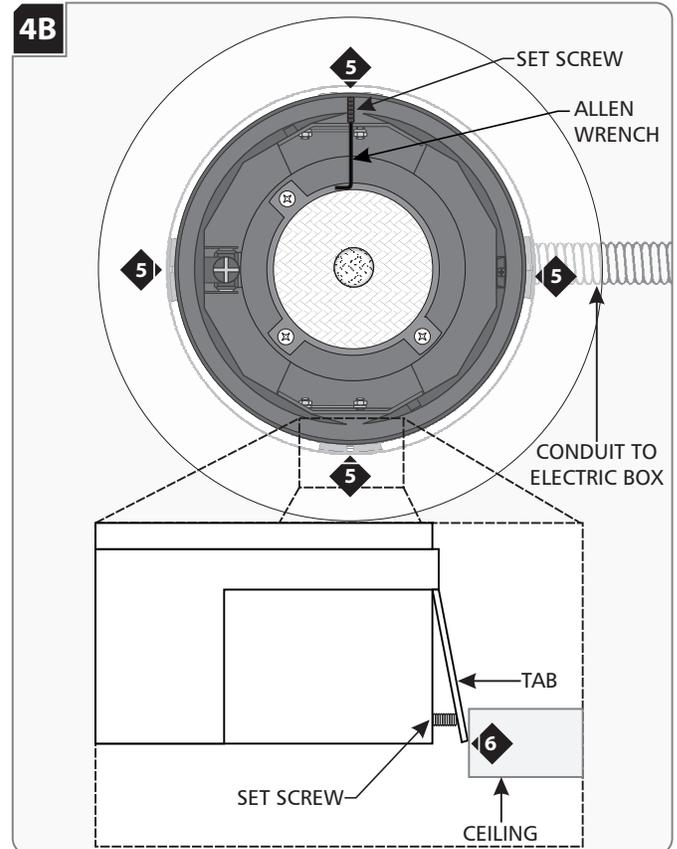
- 3** Push the lamp pins into the socket.

Install the Fixture



- 1** Place the hookup box into the ceiling.
- 2** Slide the housing into the hole in the ceiling.
- 3** Use the housing assembly tool to hold the housing in place.
- 4** Rotate the placement tool until the 4 sets screws are exposed in the cutouts.

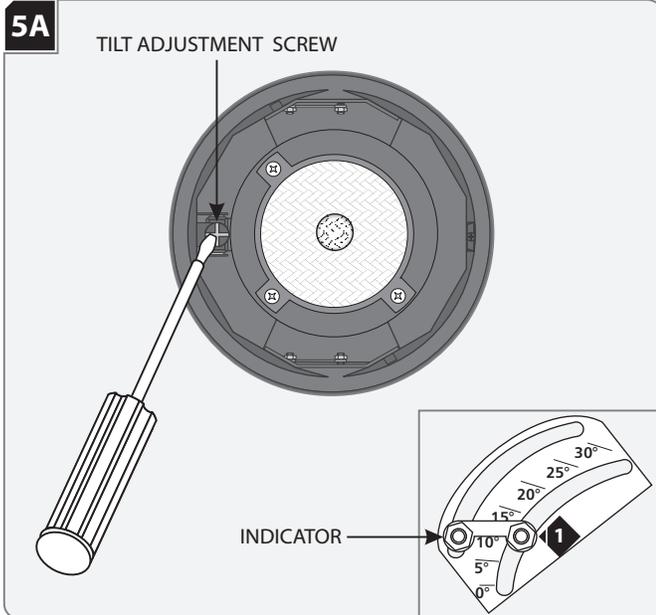
NOTE: The assembly tool will create a gap between the ceiling and the end of the housing so that the trim will install at the correct height.



- 5** Secure the housing by screwing in the four set screws until they are flush with the inner wall of the housing. Alternate screws before tightening all the way to ensure housing remains centered in the ceiling cutout.
- 6** Ensure that all the tabs are tightly pushed against the ceiling, securing the housing in place.

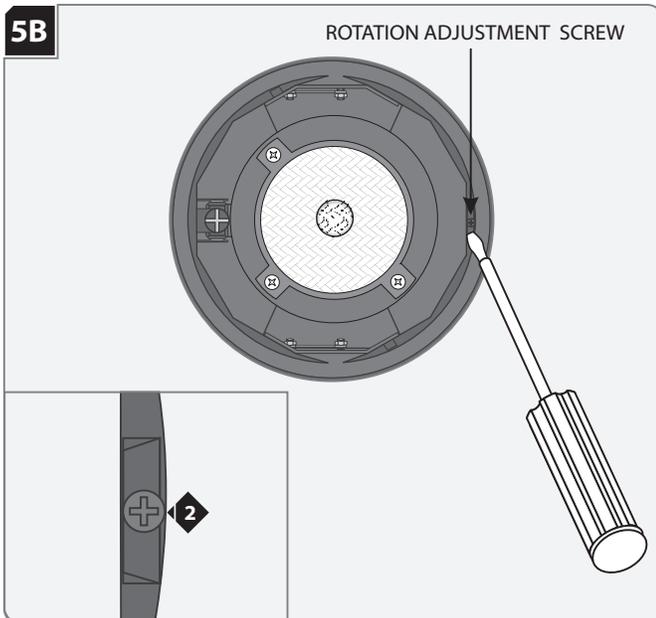
Adjust the Lamp Housing

NOTE: Make sure the lamp housing has enough clearance prior to tilt adjustment.



NOTE: Lamp housing can tilt 30° vertically. Lines on lamp housing are 5° apart.

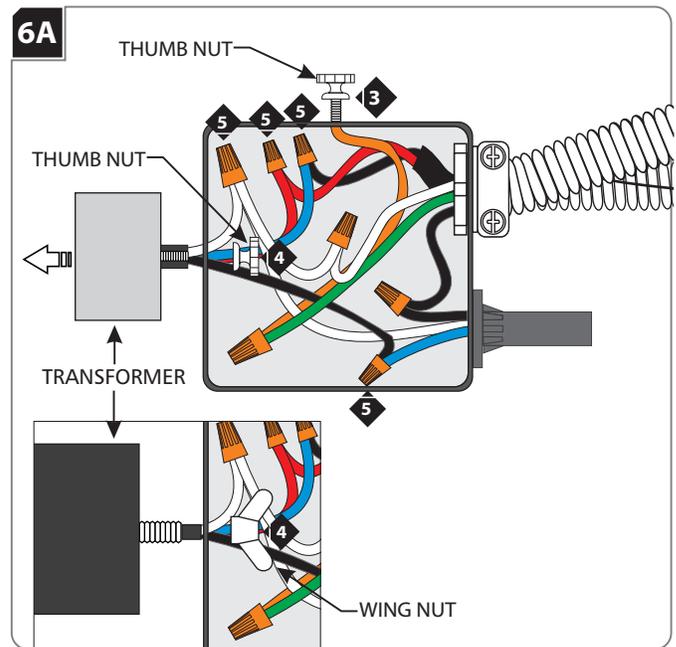
- 1 To tilt the lamp housing vertically, rotate the tilt adjustment screw until the desired angle is reached.



NOTE: Lamp housing can rotate approximately 180° horizontally.

- 2 To unlock the housing and rotate it horizontally, loosen the rotation adjustment screw.
- 3 Rotate the lamp housing horizontally. When the desired position is achieved tighten the rotation adjustment screw to lock the lamp housing in place.

Replacing the Driver



CAUTION: To reduce the risk of a burn or electric shock during the driver replacement, disconnect the power to the fixture.

- 1 Pull out the trim.
- 2 Uninstall the fixture by backing out (do not fully remove) the set screws and pull it out of the ceiling. (Reversal of figure 3A)
- 3 Loosen the thumb nut and remove the cover from the hook up box.
- 4 Loosen the transformer by:
 - Electronic/No Load** - unscrewing the two thumb nuts inside the electrical box.
 - Magnetic** - unscrewing the wingnut inside the electrical box.
- 5 Release the driver by loosening the wire nuts which are connected to its wires. Take note of the wire colors and corresponding connections.
- 6 Install the new driver and secure it with the two thumb nuts.
- 7 Place the wires and wire nut connections properly into the hook up box and replace the cover.
- 8 Reinstall the fixture and trim. (See figure 4A)