

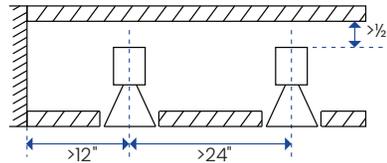
**IMPORTANT INSTALLATION NOTES:**

- FIXTURE TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES BY A QUALIFIED ELECTRICIAN OR OTHER PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THIS PRODUCT AND THE HAZARDS INVOLVED.
- BEFORE BEGINNING ANY ELECTRICAL WORK, ENSURE THAT POWER IS TURNED OFF.
- FOLLOW THE STEPS AS SHOWN BELOW FOR INSTALLATION.
- AFTER FINISHING EVERY STEP, TIGHTEN THE SCREWS, HAVE THE FIXTURE FIXED, THEN CONNECT THE POWER SUPPLY.
- UNDER NO CIRCUMSTANCES SHOULD THE LUMINAIRE BE COVERED BY THERMAL INSULATION PADS AND SIMILAR MATERIALS.
- USE ONLY WITH CLASS 2 POWER UNIT.
- WARNING - RISK OF FIRE. DO NOT INSTALL INSULATION WITHIN 3 IN OF UNIT SIDES OR ABOVE UNIT IN SUCH A MANNER TO ENTRAP HEAT
- NOTICE - THERMALLY PROTECTED. BLINKING LIGHT MAY INDICATE INSULATION TOO CLOSE TO UNIT (OR OTHER CONDITION CAUSING OVERHEATING)



**WARNING- RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING. RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.**

**DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE**

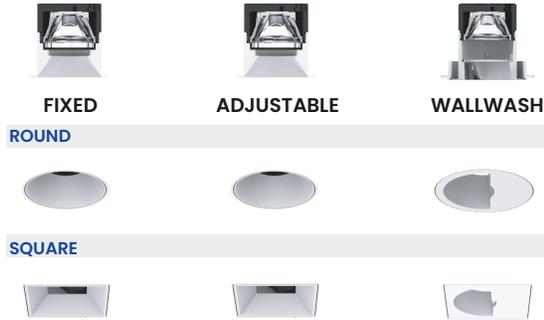


Project: <b>CONSTELLATION MINI 1.5</b>			
FLANGELESS TRIM			
Distributor:		Type:	
By:	Date:	Scale:	
Dwg. no.:		Rev.	Size:



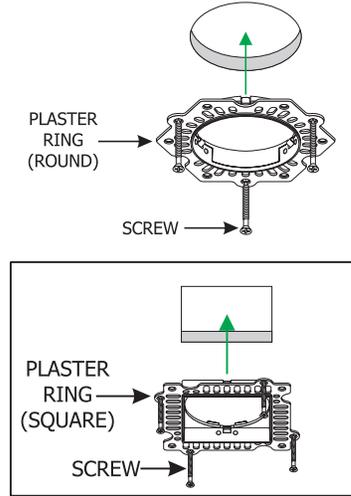
20 Audrey Place Fairfield, NJ 07004 U.S.A.

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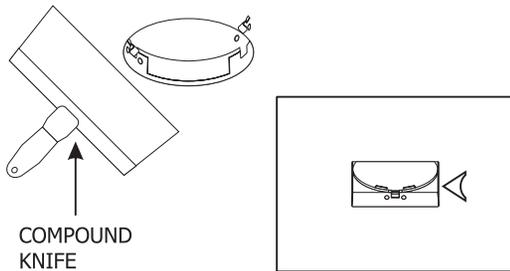


- Step 1:  
Determine the location of the Constellation Mini 1.5.
- Step 1.1:  
Make holes on the ceiling to match the size of the Constellation Mini 1.5.
- Round cut out:  $\varnothing 2\ 4/32"$
  - Square cut out:  $1\ 31/32" \times 1\ 31/32"$

**NOTE:** Do not install insulation within 76mm (3in) of any part of the luminaire.



- Step 2:  
Insert the plaster ring into the drywall cutout.
- Step 2.1:  
Secure the plaster ring to the drywall using screws.

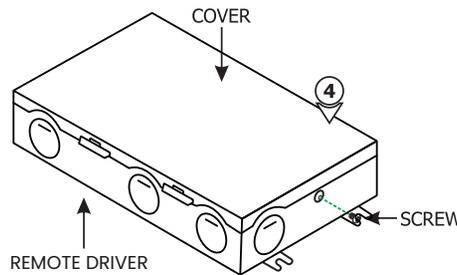


- Step 3:  
Plaster, sand, clean, and paint the surface.

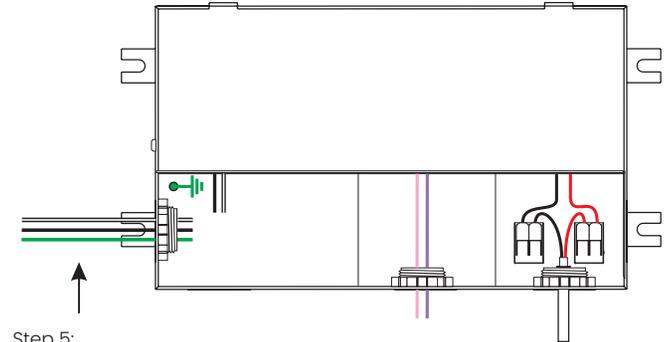
**NOTE:** For areas with lots of vibration, it is suggested to use Durabond to avoid cracking of plaster.

**NOTE:** Do Not use premixed joint compound "Soft Mud."

**NOTE:** Recommended plaster method: 1st Coat - Durabond 45 with 8" Blade, 2nd Coat - Easy Sand 45 with 10" Blade, 3rd Coat - skim coat with 12" Blade. Clean the opening with alcohol to remove any clumps or debris. Re-sand for a smooth finish.



- Step 4:  
Remove the screw on the housing using a Phillips screwdriver and lift the cover on the Remote Driver



- Step 5:  
Run the line power wires to the housing.

**NOTE:** Only to be used with a flexible metal conduit.

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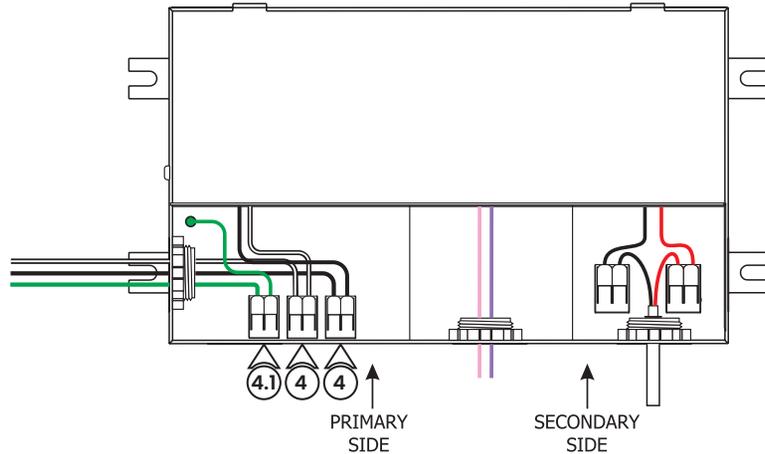
DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE

Project: <b>CONSTELLATION MINI 1.5</b>		
FLANGELESS TRIM		
Distributor:	Type:	
By:	Date:	Scale:
Dwg. no.:	Rev.	Size:



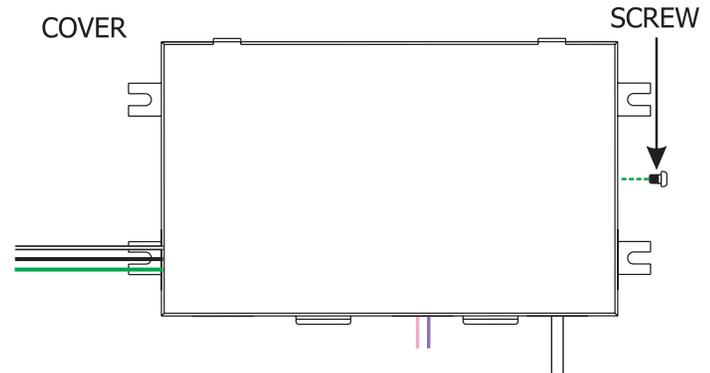
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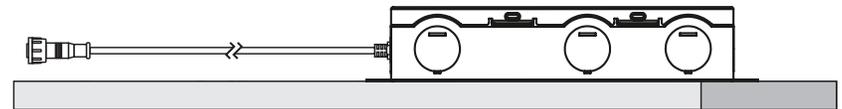


Step 6:  
In the primary side of the housing, connect the white driver wire to the neutral power wire using a wire nut. Connect the black driver wire to the line power wire using a wire nut.  
Step 6.1:  
Make sure the housing is grounded in accordance with local electrical codes.

**NOTE:** For 0-10V Dimming, in the secondary side of the housing connect the purple (DIM+) and pink (DIM-) driver wires to the 0-10V+ and 0-10V- wires from the dimmer respectively. Refer to the wiring diagram on page 8 and the instructions provided with the dimmer.

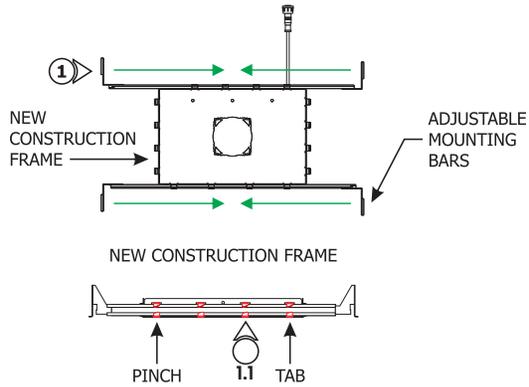


Step 7:  
Place all wire connections inside the housing. Close the cover and tighten the screw.



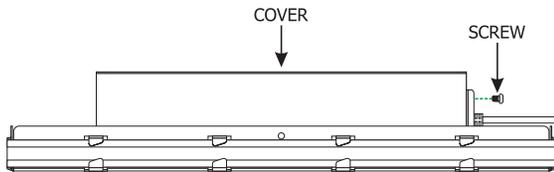
Step 8:  
Place the remote driver on the designated location and run the low voltage / secondary wiring from the driver to the downlight module

# INSTALL THE NEW CONSTRUCTION FRAME NON-IC



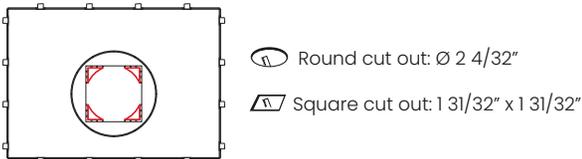
Step 1:  
Slide the adjustable mounting bars through the tabs on the sides of the frame.  
Step 1.1:  
Pinch the tabs to lock in place.

**NOTE:** Do not install insulation within 76mm (3in) of any part of the luminaire.  
**NOTE:** Omit this section if using New Construction Housing Insulation Contact. Refer to Section Three.



Step 6:  
Place all wire connections inside the junction box. Close the cover and tighten the screw.

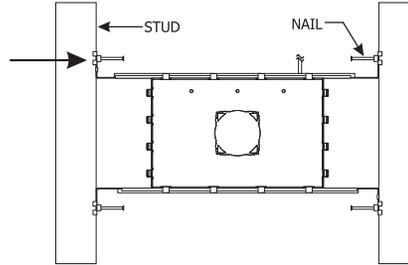
Step 7:  
Make holes on the ceiling to match the size of the Constellation Mini 1.5. For square, first remove the corner pieces using pliers.



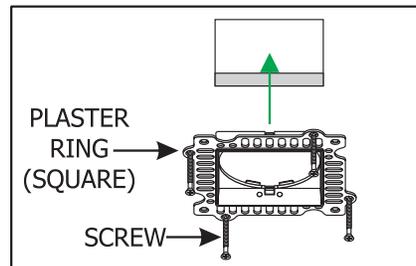
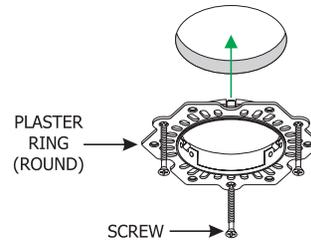
Step 7.1:  
Install the drywall.

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DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE



Step 2:  
Select the location between the two studs for the frame to be mounted.  
Step 2.1:  
Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with screws or use a hammer to pound the nails.



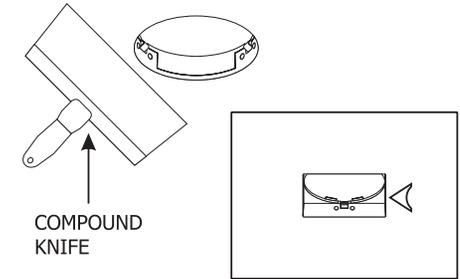
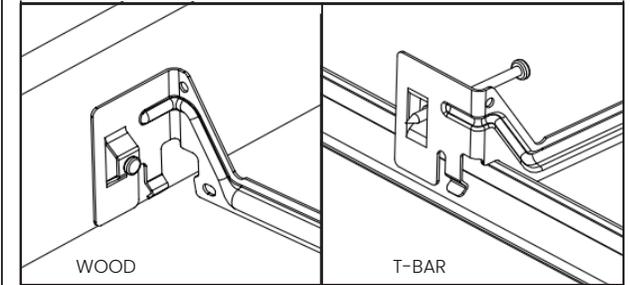
Step 8:  
Insert the plaster ring into the drywall cutout.  
Step 8.1:  
Secure the plaster ring to the drywall using screws.

Project: <b>CONSTELLATION MINI 1.5</b> FLANGELESS TRIM		
Distributor:	Type:	
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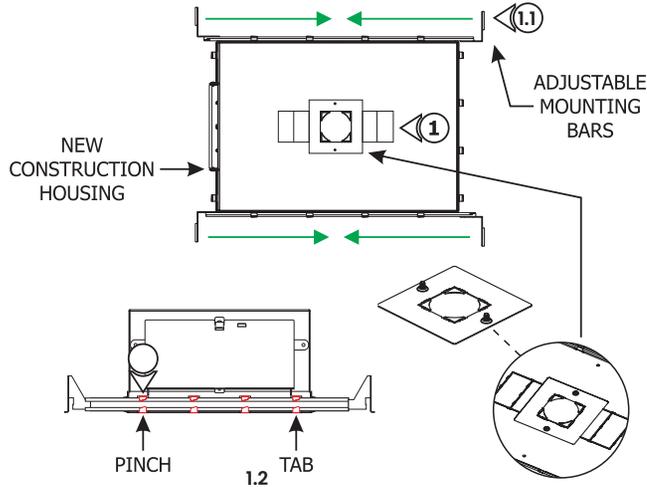
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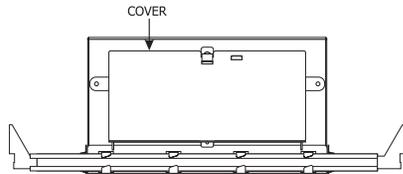
Step 9:  
Plaster, sand, clean, and paint the surface.

**NOTE:** For areas with lots of vibration, it is suggested to use Durabond to avoid cracking of plaster.  
**NOTE:** Do Not use premixed joint compound "Soft Mud."  
**NOTE:** Recommended plaster method: 1st Coat - Durabond 45 with 8" Blade, 2nd Coat - Easy Sand 45 with 10" Blade, 3rd Coat - skim coat with 12" Blade. Clean the opening with alcohol to remove any clumps or debris. Re-sand for a smooth finish.

# INSTALL THE NEW CONSTRUCTION IC BOX

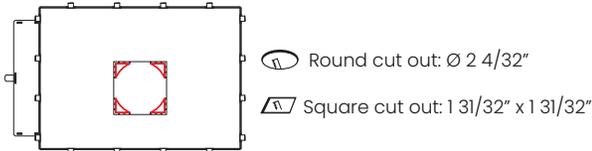


- Step 1: Attach the cutout accessory with screws.
- Step 1.1: Slide the adjustable mounting bars through the tabs on the sides of the housing.
- Step 1.2: Pinch the tabs to lock in place.



- Step 6: Place all wire connections inside the junction box and close the cover.

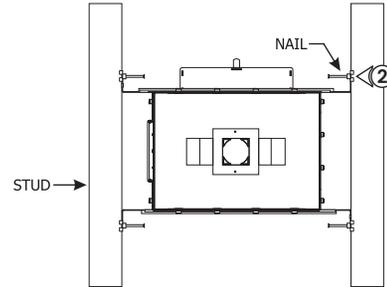
- Step 7: Cut the drywall section where the housing opening is located. For square, first remove the corner pieces using pliers.



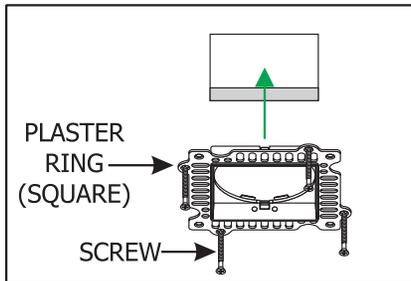
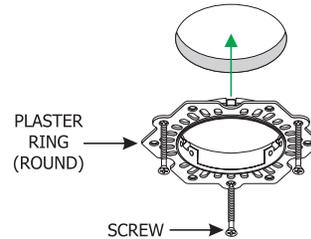
- Step 7.1: Install the drywall. If necessary, plaster and finish the drywall.

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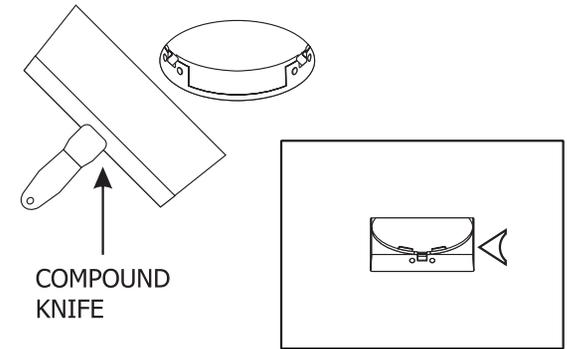
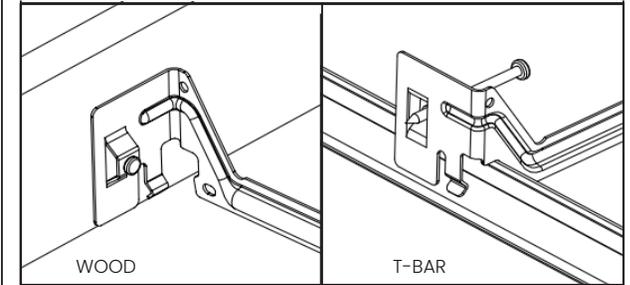


- Step 2: Select the location between the two studs for the housing to be mounted.
- Step 2.1: Place the adjustable mounting bar tabs between the studs.
- Step 2.2: Secure the adjustable bars to the studs with screws or use a hammer to pound the nails.



- Step 8: Insert the plaster ring into the drywall cutout.
- Step 8.1: Secure the plaster ring to the drywall using screws.

Project: <b>CONSTELLATION MINI 1.5</b>		
Type: <b>FLANGELESS TRIM</b>		
Distributor:	Date:	
By:	Date:	Scale:
Dwg. no.:	Rev.	Size:
		20 Audrey Place Fairfield, NJ 07004 U.S.A. <b>CATALOG NO:</b>



- Step 9: Plaster, sand, clean, and paint the surface.

**NOTE:** For areas with lots of vibration, it is suggested to use Durabond to avoid cracking of plaster.

**NOTE:** Do Not use premixed joint compound "Soft Mud."

**NOTE:** Recommended plaster method: 1st Coat - Durabond 45 with 8" Blade, 2nd Coat - Easy Sand 45 with 10" Blade, 3rd Coat - skim coat with 12" Blade. Clean the opening with alcohol to remove any clumps or debris. Re-sand for a smooth finish.

# INSTALL THE CONSTELLATION MINI 1.5

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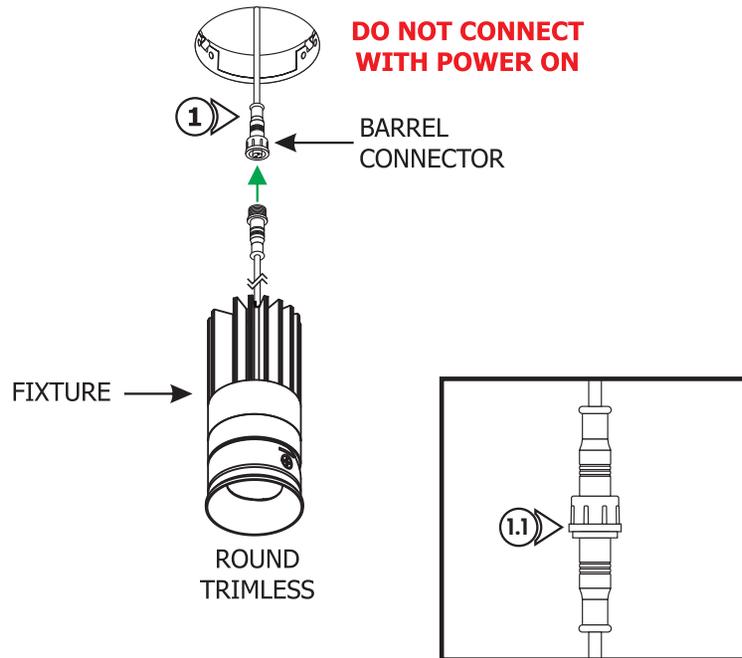
DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE

Project: <b>CONSTELLATION MINI 1.5</b>			
Distributor:		Type: <b>FLANGELESS TRIM</b>	
By:	Date:	Scale:	
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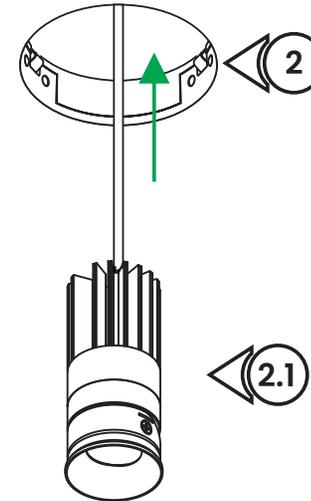


Step 1:  
Reach inside the opening and carefully pull out the barrel connector from the driver. Align and push the barrel connector from the Constellation Mini 1.5 into the barrel connector from the driver.

Step 1.1:  
Twist the connector nut to lock in place.

**NOTE:** Blinking light of this thermally protected luminaire may indicate overheating.

**WARNING:** Ensure that power is turned OFF before connecting the fixture to the driver. DO NOT CONNECT WITH POWER ON OR MAY RESULT IN FIXTURE DAMAGE.



Step 2:  
Place the barrel connectors inside the opening. For the Constellation Mini 1.5 Adjustable, ensure the downlight is in the desired position before placing them inside the opening. The Constellation Mini 1.5 Adjustable tilts up to 30°.

Step 2.1:  
Push the Constellation Mini 1.5 inside the housing until it locks into place.

Step 2.2:  
To remove the fixture, use fingers to carefully pull the fixture out of the housing. Push the fixture back inside until it snaps in place.

## DIMMING WIRING DIAGRAM

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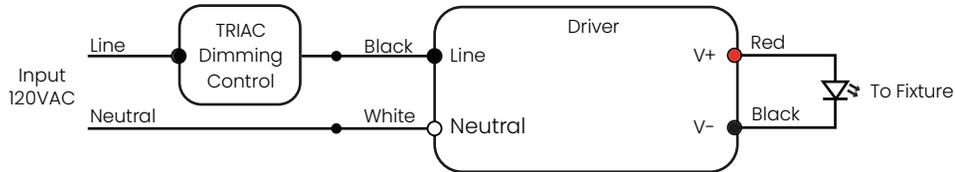


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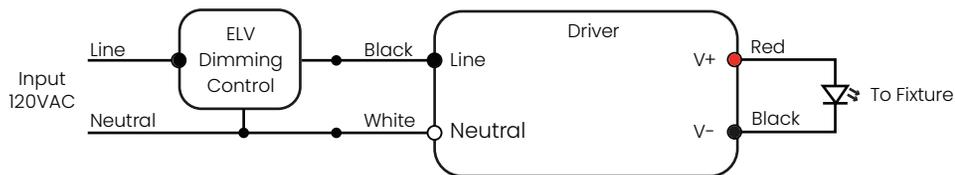
### TRIAC / FORWARD PHASE / LEADING EDGE DIMMING (TRI)

Input 120VAC 50/60Hz. Range 3%-100%



### ELV / REVERSE PHASE / TRAILING EDGE DIMMING (TRI)

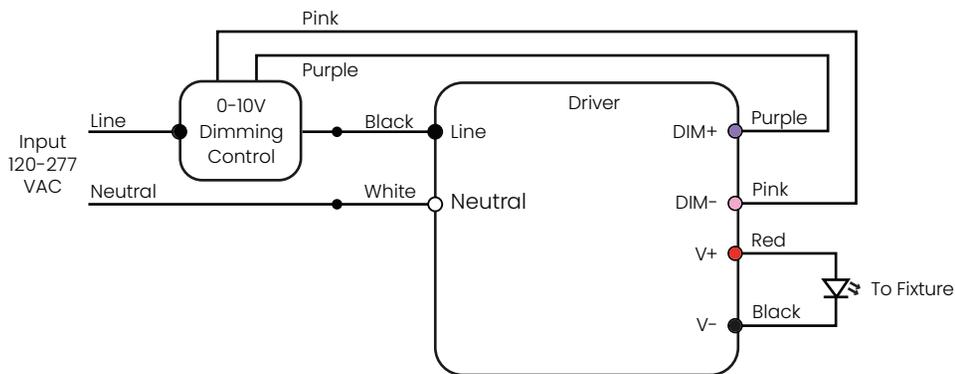
Input 120VAC 50/60Hz. Range 3%-100%



### 0-10V DIMMING (010)

Input 120VAC-277VAC 50/60Hz. Range 0.1%-100% dim to off

**NOTE:** Cap off unused wires individually. DO NOT cap together.



### DALI

Input 120VAC-277VAC 50/60Hz.

