

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)

355°
NON-IC **IC (400mA)** **TRIA C 1-10V** **DAMP LOCATION**

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DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE

Project: CONSTELLATION MINI 1.5 DOUBLE FLANGED TRIM			
Distributor:		Type:	
By:	Date:	Scale:	
Dwg. no.:	Rev.	Size:	



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

CATALOG NO:



FIXED

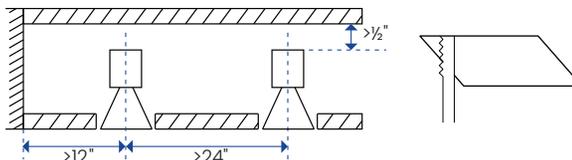


ADJUSTABLE



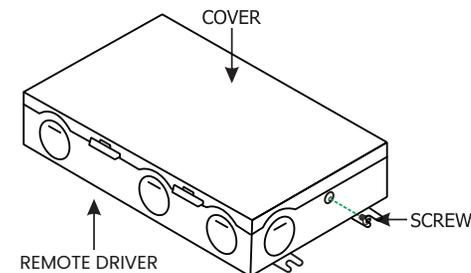
WALLWASH

FLANGED TRIM

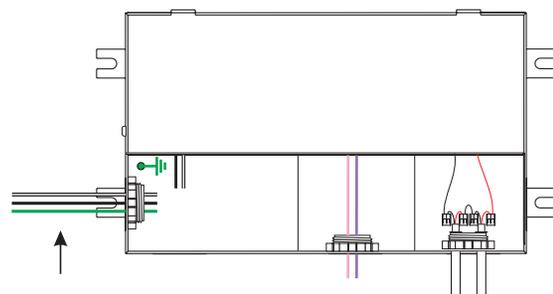


Step 1: Determine the location of the Constellation Mini 1.5 Double. Make holes on the ceiling to match the size of the Constellation Mini 1.5 Double.

□ Square cut out: 2 13/32" x 4 24/32"



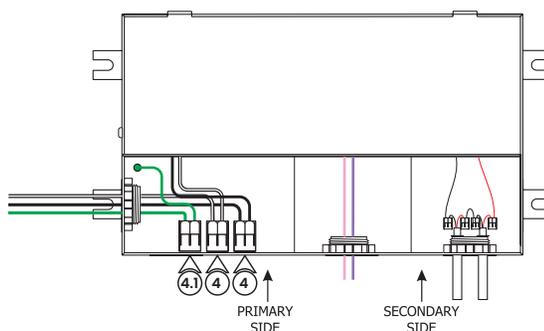
Step 2: Remove the screw on the housing using a Phillips screwdriver and lift the cover on the Remote Driver



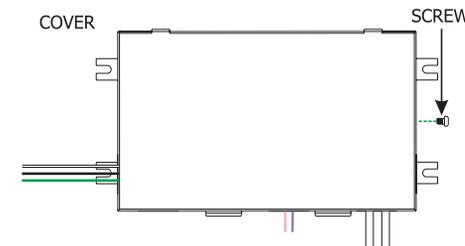
Step 3: Run the line power wires to the housing.

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

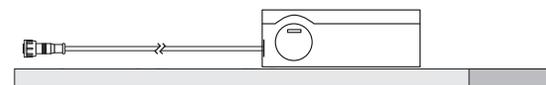
NOTE: For 0-10V Dimming, in the secondary side of the housing connect the purple (DIM+) and pink (DIM-) driver wires to the 0-10V+ and 0-10V- wires from the dimmer respectively. Refer to the wiring diagram on page 5 and the instructions provided with the dimmer.



Step 4: 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 4.1: Make sure the housing is grounded in accordance with local electrical codes.

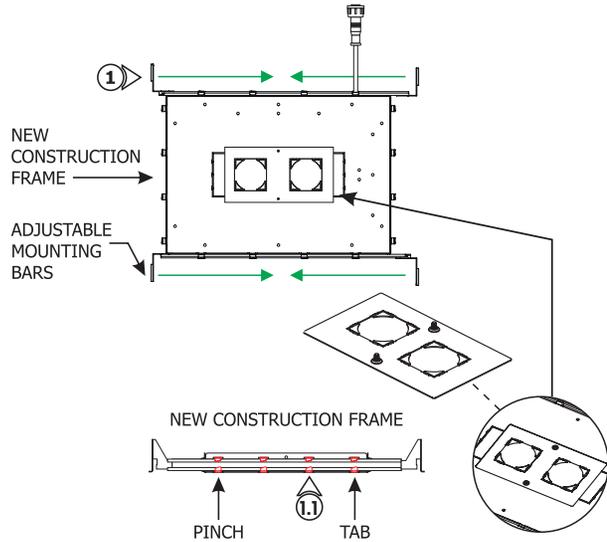


Step 5: Place all wire connections inside the housing. Close the cover and tighten the screw.



Step 6: 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:
Attach the cutout accessory with screws.
- Step 1.1:
Slide the adjustable mounting bars through the tabs on the sides of the frame.
- Step 1.2:
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.

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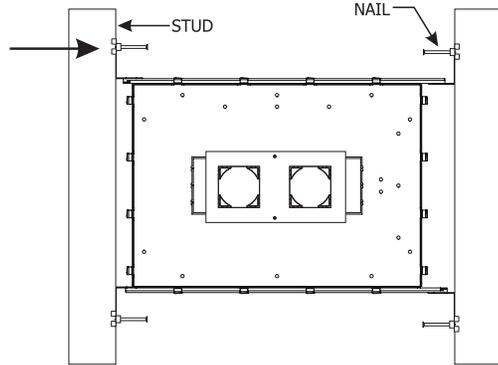
DO NOT EXCEED DRIVE CURRENT AS INDICATED ON LIGHT ENGINE

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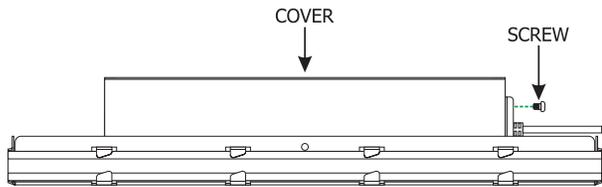
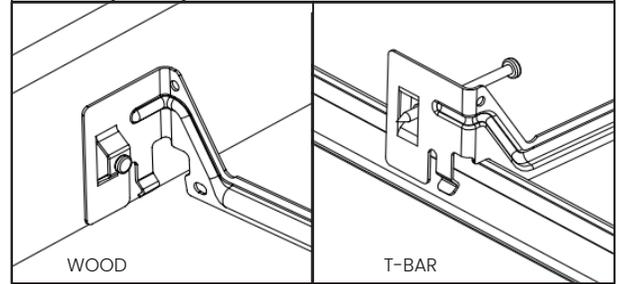


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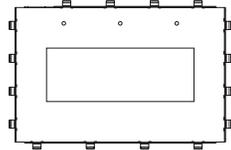


- Step 2:
Select the location between the two studs for the frame to be mounted.
- Step 2.1:
Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with screws or use a hammer to pound the nails.



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

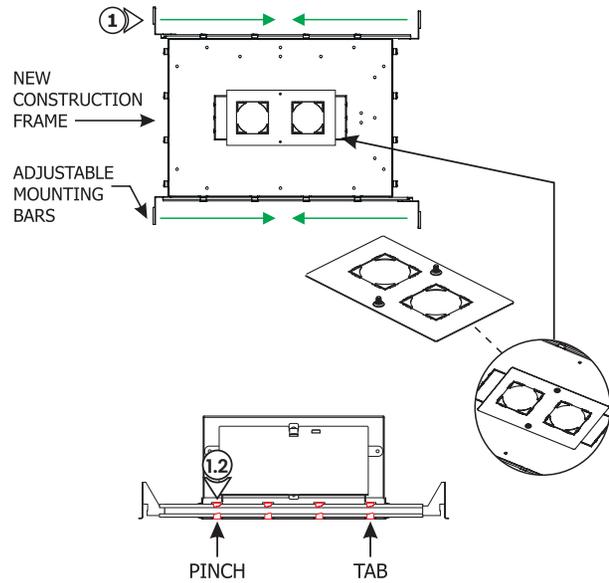
- Step 7:
Make holes on the ceiling to match the size of the Constellation Mini 1.5 Double. For square, first remove the corner pieces using pliers.



△ Square cut out: 2 13/32" x 4 24/32"

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

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.

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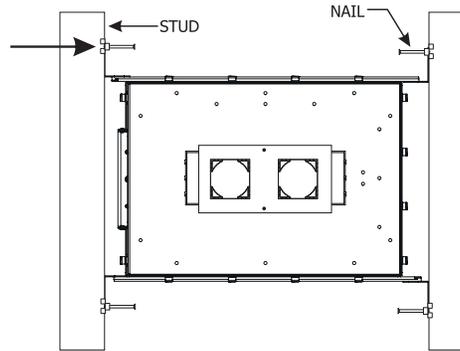
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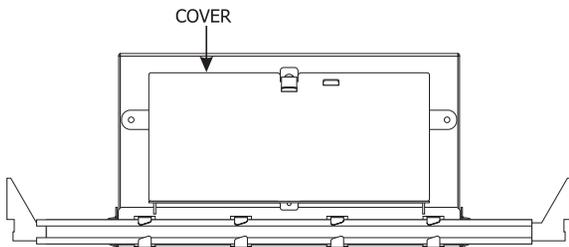
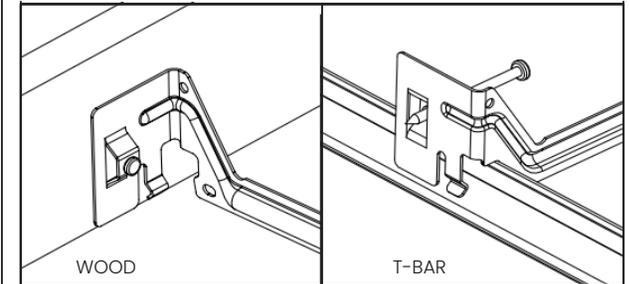


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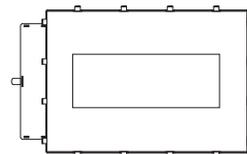


Step 2:
Select the location between the two studs for the housing to be mounted.
Step 2.1:
Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with screws or use a hammer to pound the nails.



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.



Ⓜ Square cut out: 2 13/32" x 4 24/32"

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

INSTALL THE CONSTELLATION MINI 1.5 DOUBLE

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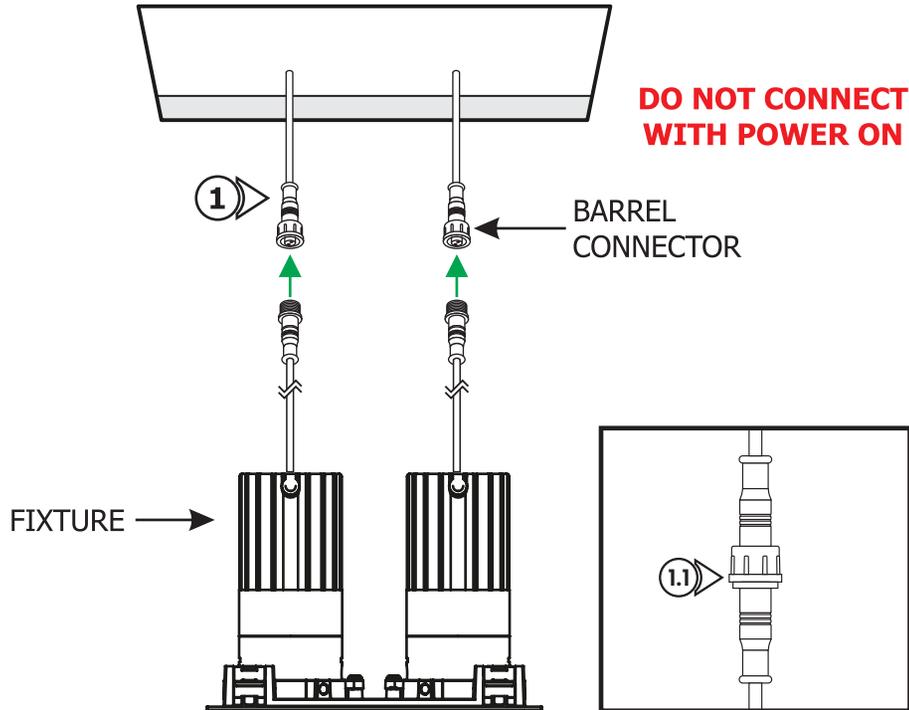
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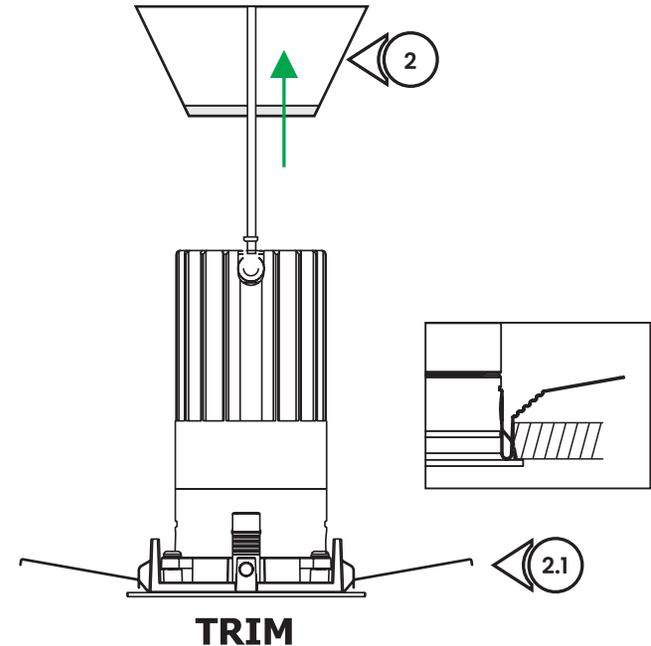


Step 1:
Reach inside the opening and carefully pull out the barrel connector from the driver. Align and push the barrel connector from the Constellation Mini 1.5 Double into the barrel connector from the driver.

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 Double Adjustable, ensure the downlight is in the desired position before placing them inside the opening. The Constellation Mini 1.5 Double Adjustable tilts up to 30°.

Step 2.1:
Lift the spring clips and push the Constellation Mini 1.5 Double inside the opening until it locks into place.

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

DIMMING WIRING DIAGRAM

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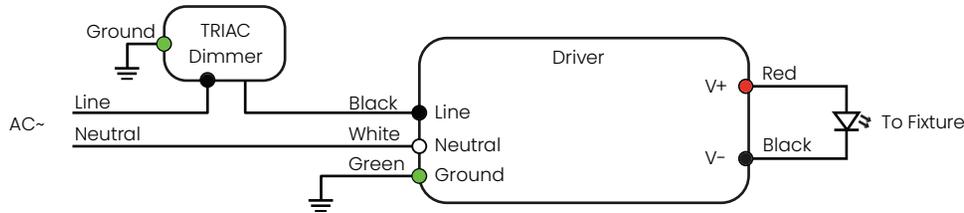


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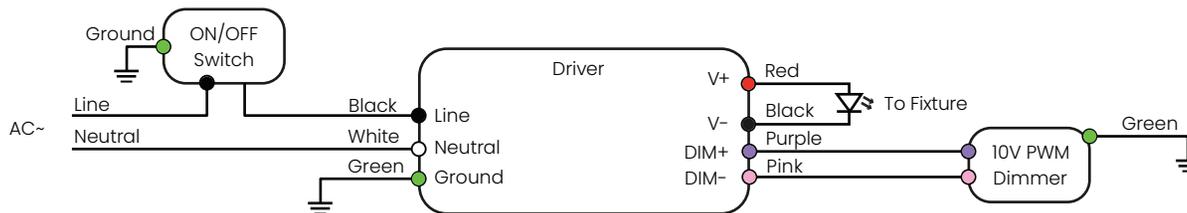
CATALOG NO:

TRIAC / FORWARD PHASE / LEADING EDGE DIMMING (TRI)

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



10V PWM



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.

