LUMENTURE

SDLA70 DOWNLIGHT
INSTALLATION INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

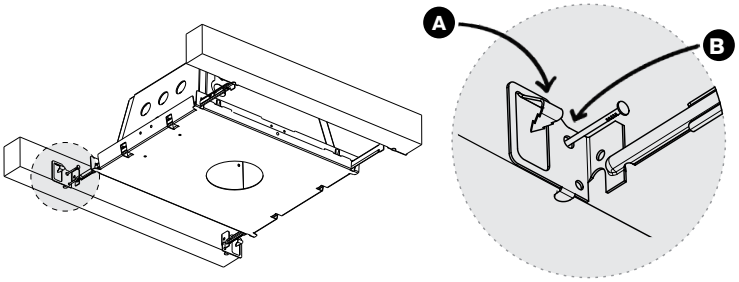
Read all the instructions before installation.
Save instructions for later use.

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. THE POWER UNIT SHOULD BE INSTALLED WHERE IT WILL **NOT** BE SUBJECTED TO ANY MOVEMENT. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

- Make certain power is OFF before installing or maintaining fixture.
- Installing contrary to instructions may cause unsafe conditions.
- **WARNING:** Risk of fire or electrical shock.
- **WARNING:** Suitable for dry or damp locations only.

1 Install Housing using the supplied hanger bars. Secure the housing to the joists by hammering in the built-in toothed integral nail (A).

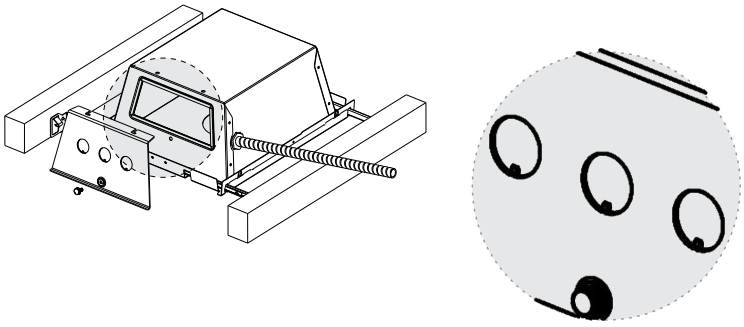
Auxiliary nailing holes (B) are provided for additional retention.



2

- Remove outer junction box cover.
- Remove knockout and install field wiring.
- Connect the power supply to branch circuit accordingly. Leave a 3-5 inch service loop on the power feed Line, Common and Ground wires. This will allow the power supply to be pulled through the ceiling cutout for power supply replacement. If 0-10V dimming is used, also leave a 3-5 inch service loop in the 0-10V control wires.

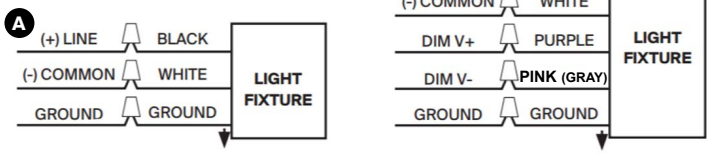
  See wiring instructions below.
- Re-install junction box cover.



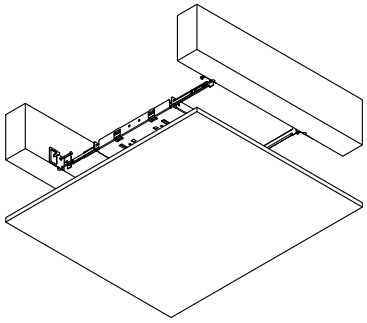
WIRING

- Connect GROUND wire from fixture to supply ground.
- Connect black fixture lead to (+) LINE supply lead.
- Connect white fixture lead to (-) COMMON supply lead. For 0-10V dimming, follow wiring directions in Figure (B).

  NOTE: Driver permits operation at 120V through 277V, 50Hz or 60Hz. For non-dimming, Triac and Electronic Low Voltage (ELV) dimming, follow wiring directions for Figure (A). Triac/ELV dimming is only available in 120V.



3 Raise and install ceiling. Mark aperture center.



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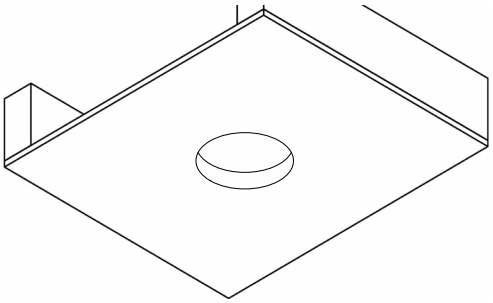
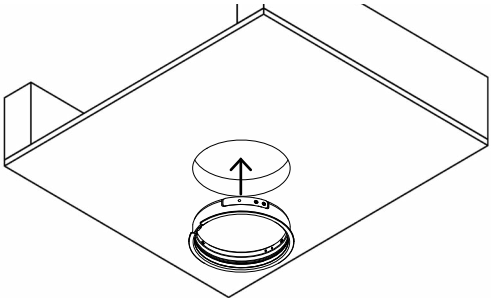
4 Make a 3⅛" (round) or 3⅛"x3⅛" (square) ceiling cutout at the previously marked location.

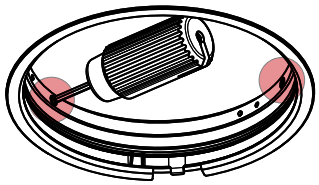


5 Raise collar into cutout until it is seated flush against the ceiling.

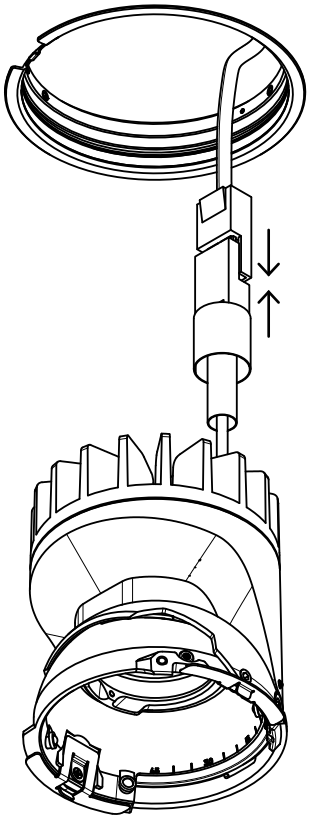


6 Tighten the three (3) set screws to engage the compressions springs using a 1.5mm hex tool.

NOTE: Only two (2) of the three (3) screws are shown in the image, highlighted in red.

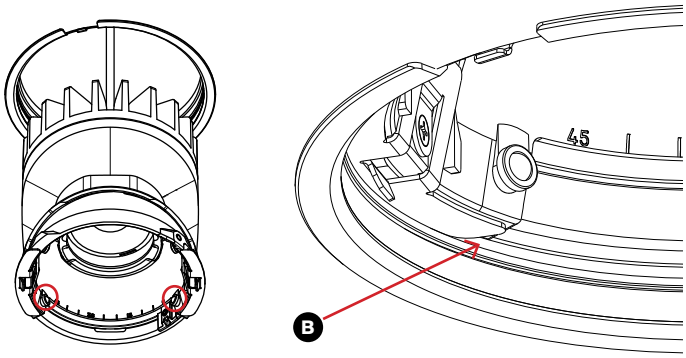


7 Pull wire through the ceiling cutout and connect the module to the power supply quick connect.

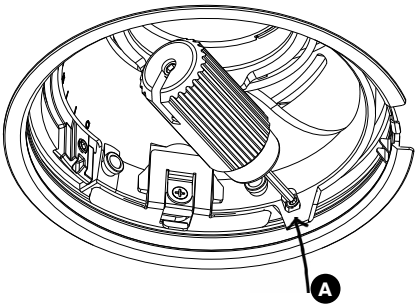


8 Raise the module into and through the retention collar. The two (2) retention springs will move inwards as the module is being pressed upwards. Use the two (2) small tabs marked in red in the image to assist the springs if necessary.

NOTE: Retention springs should rest in the channel shown in image (B). Listen for two "clicks" to help ensure the module retention springs are fully engaged.

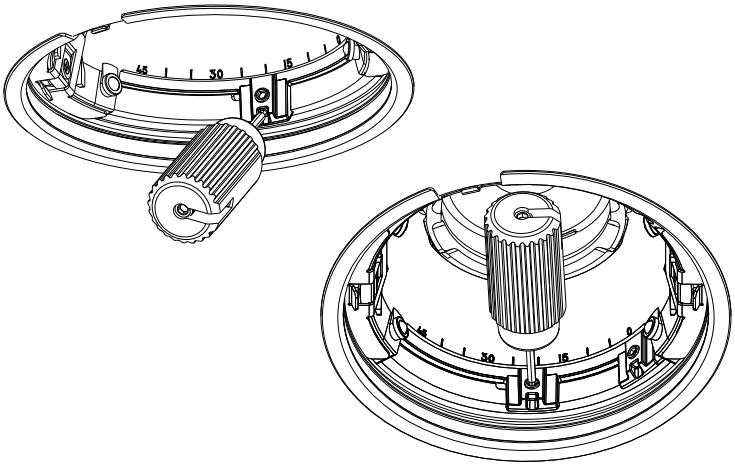


9 Set the horizontal aiming by rotating the fixture to the desired position. Lock the position by tightening the set screw at the location shown (A).



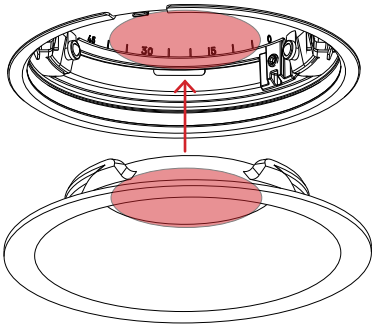
10 Adjust the tilt to the desired angle. The hex tool can be used for fine adjustment utilizing the small slot beneath the locking screw. Lock the tilt angle by tightening the set screw.

NOTE: DO NOT OVER TIGHTEN.



11 Install trim by pushing it upwards into the module.

NOTE: Cone cutout must be installed 180° from the center of tilt. Ball plunger retention slots should be perpendicular to the center of the tilt (both marked in red).



12 Hooray! Your fixutre is installed and ready to be powered on.