

GAMMA Downlight

*Installation Instructions are applicable for other versions.

WARNING – PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION
READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE INSTALLING OR MAINTAINING THIS PRODUCT.
TURN OFF POWER PRIOR TO ANY WORK ON THE SYSTEM OR PRODUCT.
DO NOT INSTALL DAMAGED PRODUCT.
AMBIENT TEMPERATURE AT LUMINAIRE LOCATION SHOULD NOT EXCEED 40°C DURING NORMAL OPERATION.

Installing, wiring, and maintenance must be done by qualified persons or a certified electrician in accordance with all local and National Electrical Codes.

Warranty is voided in case of unauthorized modifications and/or improper use.

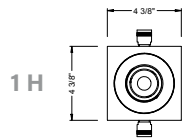
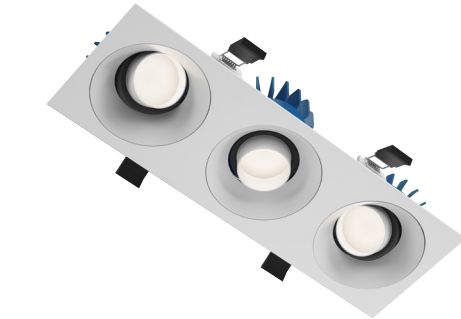
Save these instructions. Use as reference when service or maintenance is performed.

Do not install any fixture assembly closer than 6 inches (15.24cm) from any combustible material (insulation).

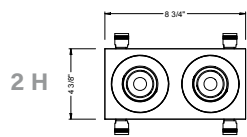
New Construction Mounting Plate driver compartments are rated for through wiring.

Refer to product label for voltage requirements and properly ground fixture in accordance with all local and national electrical codes.

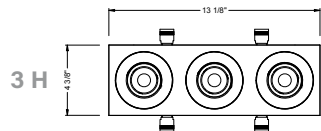
If building and product supports optional dimming, connect dimming leads to dimming control system (provided by others). Refer to product label for dimming requirements. Isolate dimming wires individually if not in use.



Ceiling Cutout
 $3\frac{7}{8}$ " x $3\frac{7}{8}$ "
 Square



Ceiling Cutout
 $3\frac{7}{8}$ " x $8\frac{1}{4}$ "
 Square



Ceiling Cutout
 $3\frac{7}{8}$ " x $12\frac{5}{8}$ "
 Square

⚠ WARNING ⚠

- To avoid possible electrical shock, before installing light fixtures, disconnect power by turning off the circuit breakers both to the outlet box and to its associated wall switch location. If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the service panel.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and ground connections in the accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- Wait for fixture and driver to cool before servicing and performing maintenance.

⚠ CAUTION ⚠

- All wiring must comply with national and local electrical codes and ANSI/NFPA 70. If you are unfamiliar with wiring, consult a qualified electrician.
- PPE Personal Protective Equipment such as gloves and safety glasses should always be used when installing, maintaining or servicing.
- Risk of fire. Keep combustible material away from fixtures.

⚠ ADVERTENCIA ⚠

- Para evitar un choque eléctrico, antes de instalar luminarias, desconecte la alimentación apagando los interruptores de circuito en el panel de servicio y en las paredes. Si no es posible bloquear los interruptores en la posición de apagado, sujete una etiqueta de seguridad en el panel de servicio.
- Compruebe que la tensión de alimentación es correcta comparándola con la información en la etiqueta de la luminaria.
- Haga todas las conexiones eléctricas y puesta a tierra de acuerdo con el código eléctrico nacional (NEC) y los requisitos del código local aplicable.
- Espere hasta que la luminaria y el controlador se enfrien antes de empezar el servicio y mantenimiento.

⚠ PRECAUCION ⚠

- Todo el cableado debe cumplir con los códigos eléctricos nacionales y locales y ANSI/NFPA 70. Si no está familiarizado con el cableado, consulte a un electricista.
- Al instalar, mantener o reparar, siempre se debe utilizar equipo de protección personal como guantes y lentes de seguridad
- Riesgo de incendio. Mantenga los materiales combustibles lejos de las luminarias.

⚠ AVERTISSEMENT ⚠

- Pour éviter les chocs, avant d'installer des appareils d'éclairage, coupez l'alimentation en désactivant les disjoncteurs et l'emplacement du commutateur mural. Si vous ne pouvez pas verrouiller les disjoncteurs en position d'arrêt, fixer un avertissement sur le panneau de service.
- Vérifiez que la tension d'alimentation est correcte en le comparant avec les informations d'étiquette de luminaire.
- Effectuer tous les raccordements électriques et mise à la terre dans la conformité avec le Code électrique National (NEC) et des exigences du code local applicable.
- Laisser suffisamment de temps pour l'appareil et pilote refroidir avant d'effectuer l'entretien et la maintenance.

⚠ MIS EN GARDE ⚠

- Tout le câblage doit être effectué conformément aux codes électriques locaux et nationaux et ANSI/NFPA 70. Si vous êtes peu familier avec câblage, vous devez utiliser un électricien qualifié.
- Équipement de protection personnelle comme des gants et des lunettes de sécurité doivent être utilisés en tout temps lors de l'installation, maintenance ou entretien.
- Risque d'incendie. Garder les matières combustibles loin de luminaires.

INSTRUCTIONS FOR USE

De-energize circuit before installation.

STEP 1A - EXISTING CEILING:

Confirm fixture location allows space for the New Construction Mounting Plate and LED Module Assembly. Refer to the ceiling thickness chart and cut the ceiling opening as specified. Adjust bar hangers to fit and secure the Mounting Plate using integral nails or screws, or suspend in a T-Bar grid. Ensure the fixture is properly supported and attached to the building structure. Open the wiring compartment and use knockouts to route conduit with appropriate hardware (not provided).

Connect line, neutral, and ground wires to the building electrical supply. Close the driver compartment lid. Do not fasten the driver compartment to the ceiling to allow for future servicing.

STEP 1B - NEW CONSTRUCTION:

Adjust bar hangers to fit and mount the New Construction Plate using integral nails or screws, or suspend in a T-Bar grid. Ensure the fixture is properly supported and secured to the structure. Cut ceiling opening per product cut sheet specifications. Open the wiring compartment and route conduit using knockouts and approved hardware (not provided).

Connect line, neutral, and ground wires to the building electrical supply. Close the driver compartment lid. Do not fasten the driver compartment to the ceiling to allow for future servicing.

STEP 1C - RETROFIT:

New Construction Mounting Plate not used.

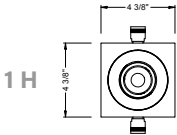
Confirm clearance above the finished ceiling for the fixture and driver compartment. Cut the ceiling opening as specified in ceiling thickness chart. Feed conduit through the ceiling cutout, leaving enough slack for future serviceability. Open the driver compartment and connect conduit using knockouts and proper hardware (not provided).

Connect line, neutral, and ground wires to the building electrical supply. Close the driver compartment lid. Do not fasten the driver compartment to the ceiling to allow for future servicing.

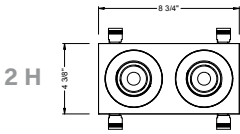
RATINGS / CERTIFICATIONS	NC	RET	NCIC	RETIC
TYPE NON-IC	✓	✓		
TYPE IC			✓	✓
CHICAGO PLENUM (CCEA)				
SUITABLE FOR AIR HANDLING PLENUMS	✓	✓	✓	✓

FIXTURE TYPE	CEILING THICKNESS
	MOUNTING TYPE
	NC, RET, NCIC, RETIC
	STANDARD CEILING THICKNESS
TRIM	1/4" to 1"

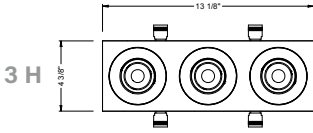
NC / NCIC - NEW CONSTRUCTION



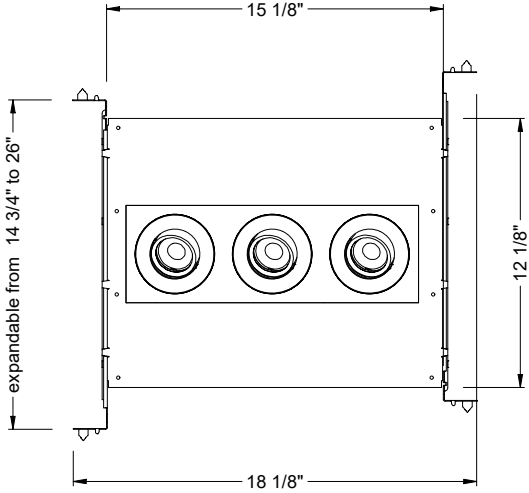
Ceiling Cutout
3 7/8" x 3 7/8"
Square



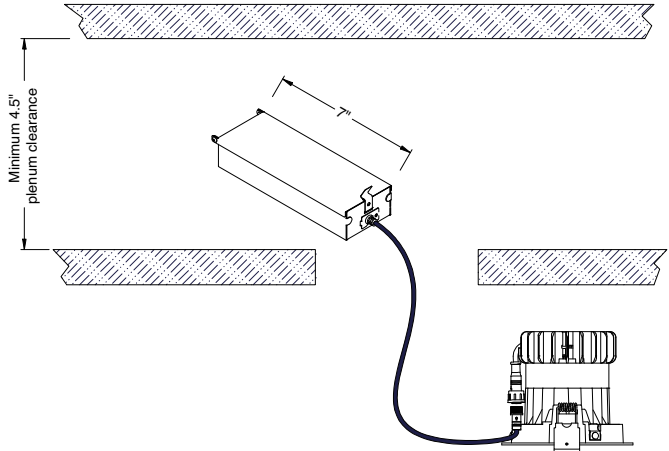
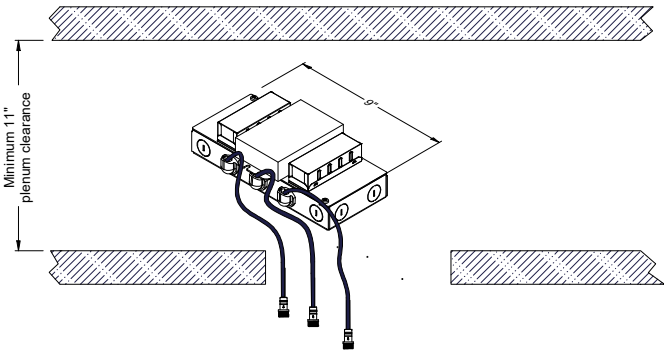
Ceiling Cutout
3 7/8" x 8 1/4"
Square



Ceiling Cutout
3 7/8" x 12 5/8"
Square



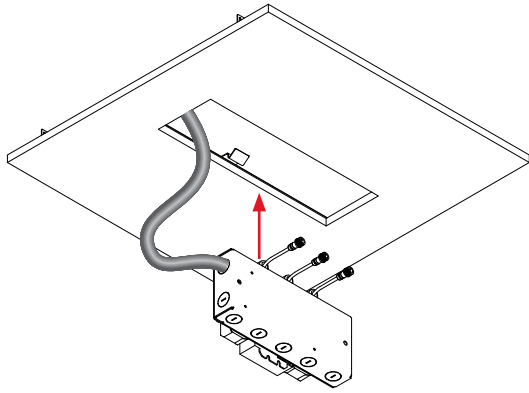
RET / RETIC - RETRO TRIM



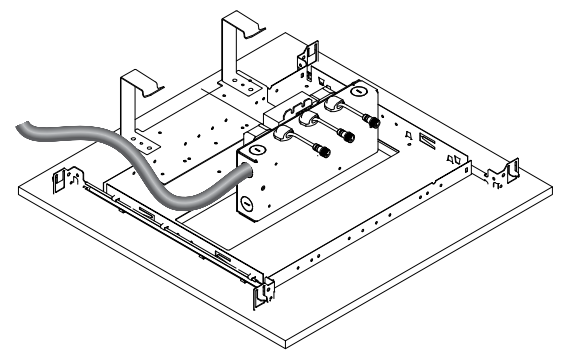
STEP 1A - FIXTURE INSTALLATION:

1. Feed the conduit through the ceiling cutout. Connect the line, neutral, and ground wires to the building's electrical supply below the ceiling.
2. Insert the junction box through the ceiling cutout once all electrical connections are complete and the box is closed. Ensure the drivers are facing away from the cutout.
3. Press the driver box into the mounting arms until you hear a snap, confirming it is securely locked in place.
4. Pull out the low-voltage harness from below the ceiling. Insert the connector and twist the locking ring clockwise to secure the connection. Raise and squeeze the spring arms on the trim, and position the fixture beneath the installation location.
5. Apply controlled pressure and insert the LED Module Assembly through the ceiling cutout.
6. Release the spring arms slowly, ensuring the fixture is properly seated in the cutout.
7. Energize the circuit and test the fixture for proper operation.

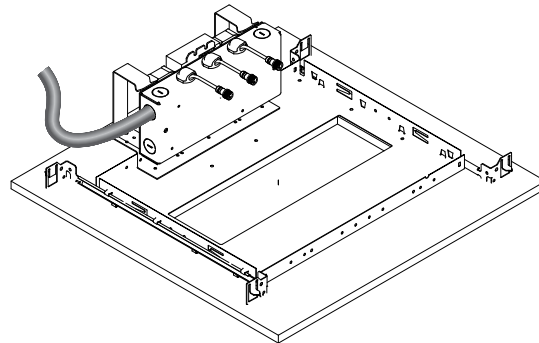
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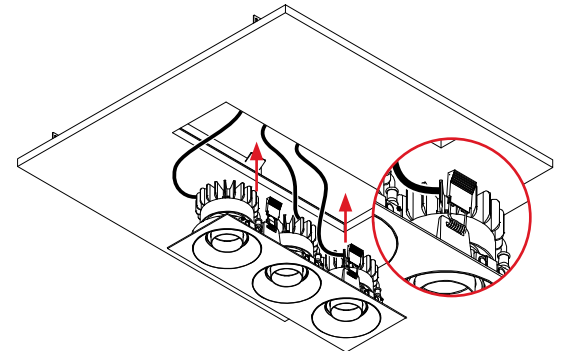
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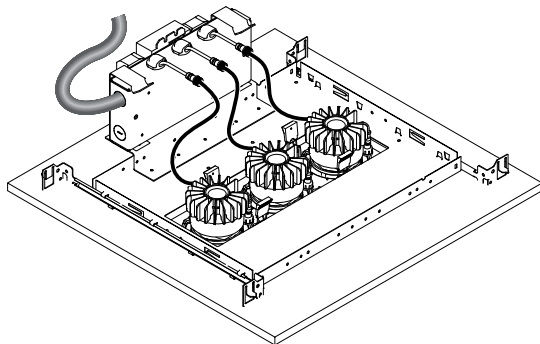
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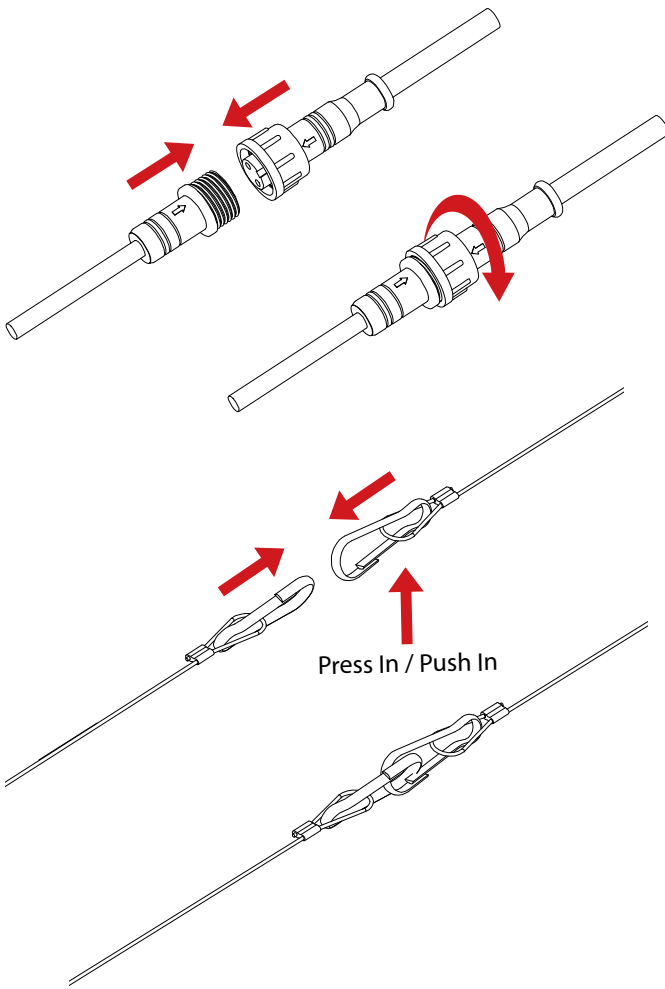
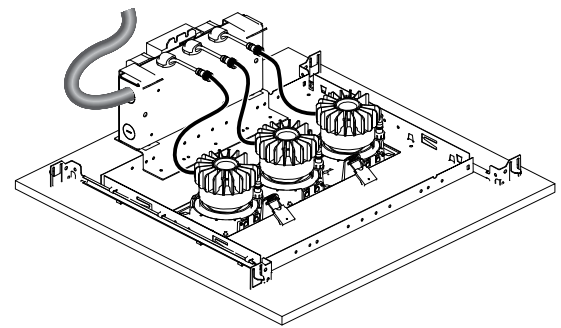
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5.



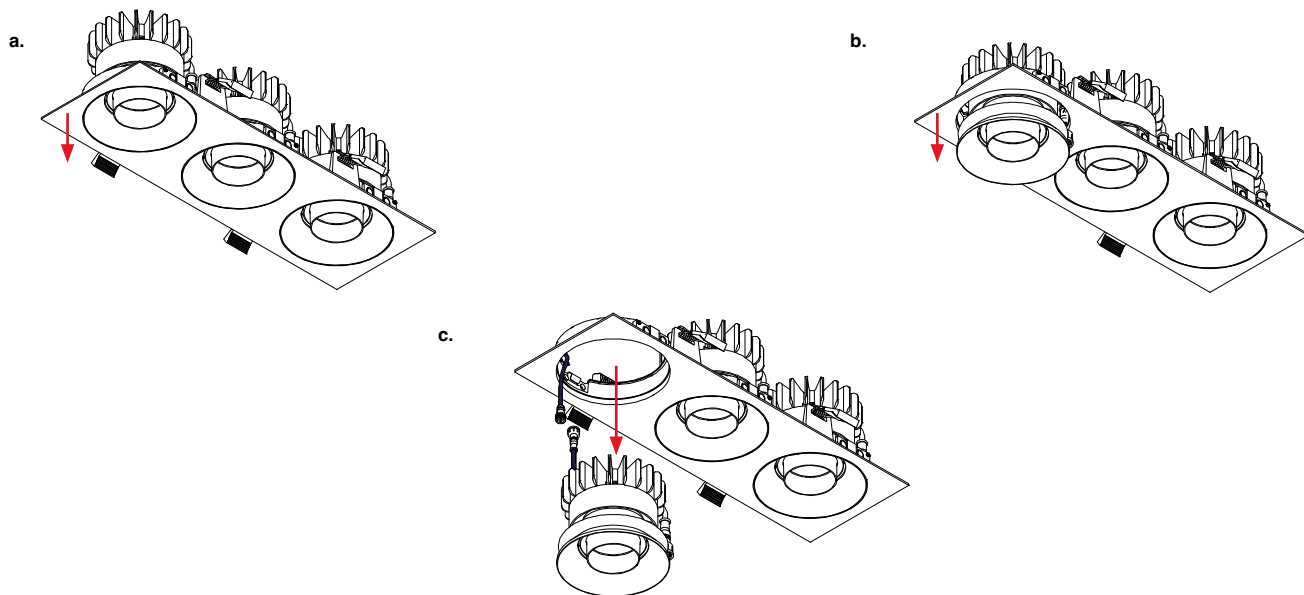
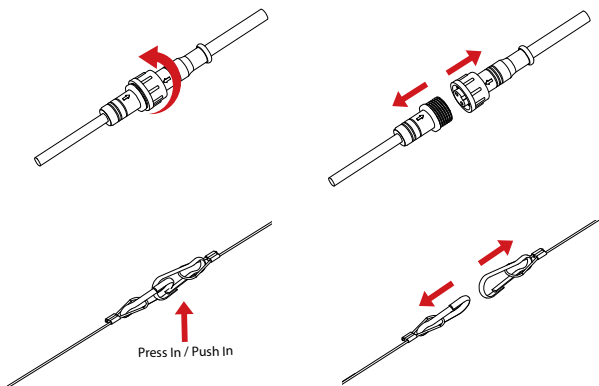
6.



LED MODULE REMOVAL

De-energize circuit before removal.

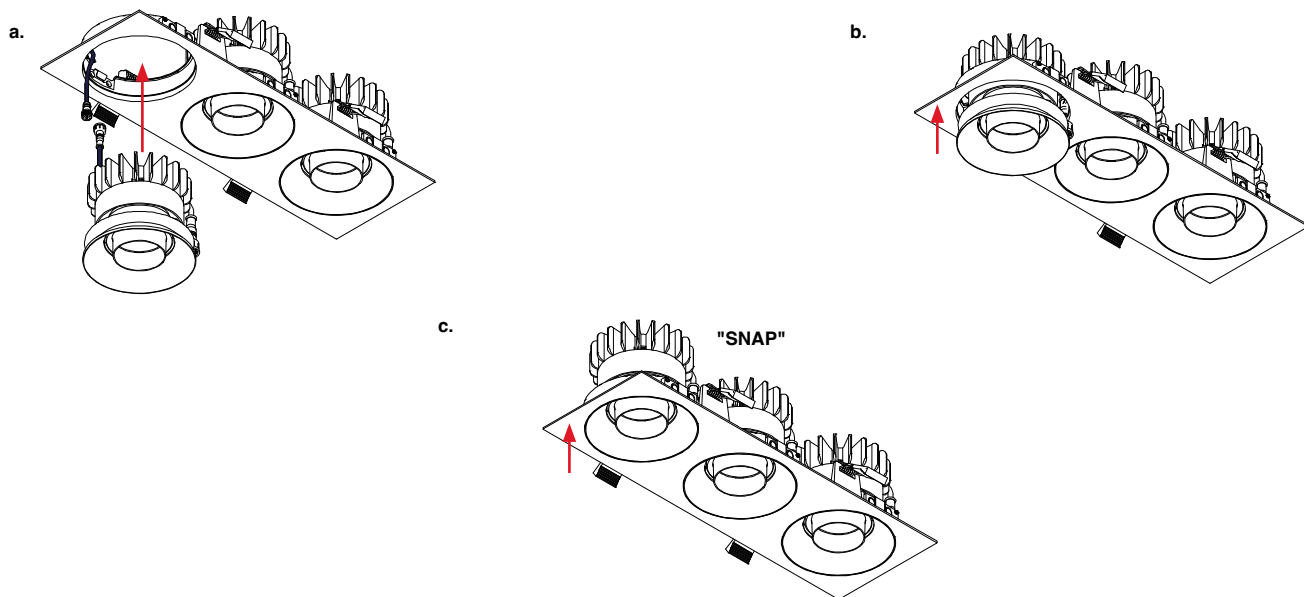
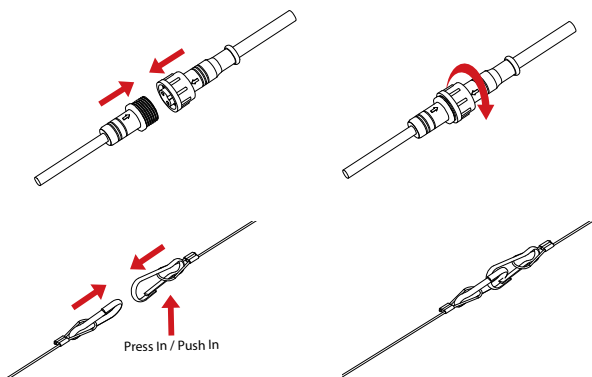
1. To remove light module apply upward pressure onto the trim and pull down on the light module. (Figure a.)
2. Slowly pull the trim and LED Module Assembly away from the ceiling until spring arms are visible. (Figure b.)
3. To disconnect the light module, pull the safety cable tab to release it, then disconnect the LED leads by twisting the lock counterclockwise and pulling apart. (Figure c.)



LED MODULE INSTALLATION (Keeping Trim Installed)

De-energize circuit before removal.

1. Connect the LED leads by twisting clockwise to lock, and attach the safety cable by inserting the tab until clicks. (Figure a.)
2. Insert the LED module into the trim and apply upward pressure to snap it into place. (Figure b.)
3. Restore building power and test the fixture.

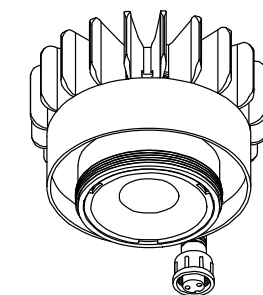
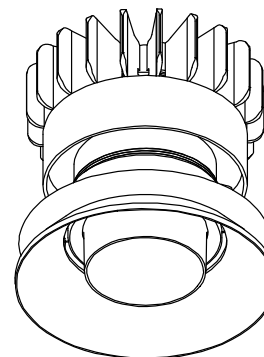
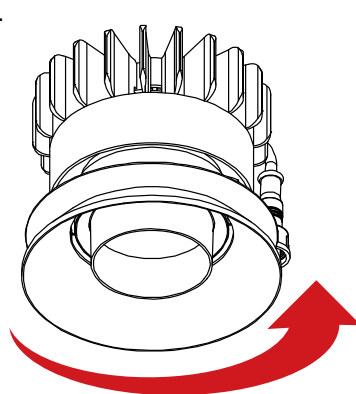


CHANGING MEDIA

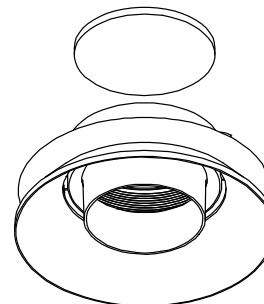
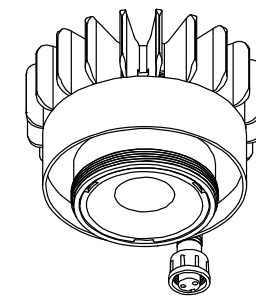
Isolate the LED Module (Reference removal instructions)

1. Carefully unthread the bezel from the heatsink entirely.
(NOTE: Existing media may fall out of module.)
2. Replace/remove optional media. (NOTE: 1 media maximum.)
3. Verify optic is seated correctly in module, then place bezel over media.
4. Thread bezel onto the heatsink until securely fixed. (NOTE: DO NOT OVER-TIGHTEN! Over-tightening may damage media or module.)
5. Reconnect the module to the building wiring and reinstall.
(Reference installation instructions for further details.)

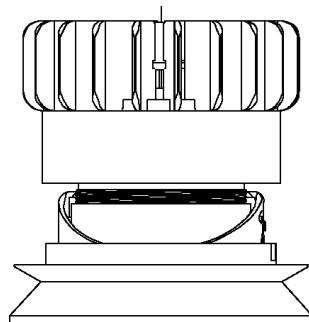
1.



2.



3.



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