

NU4RD LOPRO Recessed 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.

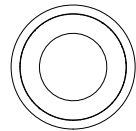
CAUTION – For Non – IC fixtures, do not install any fixture assembly closer than 6 inches (15.24cm) from any combustible material (insulation).

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.

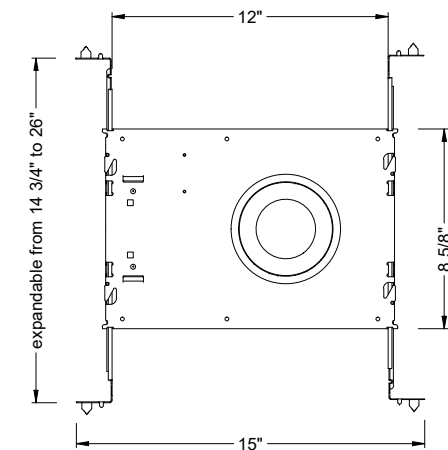
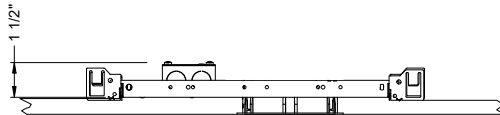
If building and product supports optional dimming, connect dimming leads to dimming control system (provided by others). Refer to product label for dimming requirements. Isolate dimming wires individually if not in use.

Suitable for WET locations with lens only.



ceiling cutout
4-3/8" diameter

ceiling thickness
1/8" to 2"



⚠ 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:

Ensure placement of fixture will accommodate New Construction Mounting Plate and LED Module Assembly. Refer to product cut sheet and cut hole into ceiling. Adjust bar hangers to size and secure New Construction Mounting Plate as required using integral nails and screws or suspend in T- Bar grid ceiling. Ensure the fixture is properly supported and attached to building. Open wiring compartment and use knockouts to connect electrical conduit to wiring compartment using appropriate hardware (not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment.

STEP 1B - NEW CONSTRUCTION:

Secure New Construction Mounting Plate by adjusting bar hangers to size and secure New Construction Mounting Plate as required using integral nails and screws or suspend in T-Bar grid ceiling. Ensure the fixture is properly supported and attached to building. Refer to product cut sheet and cut hole into ceiling as required. Open wiring compartment and use knockouts to connect electrical conduit to wiring compartment using appropriate hardware (not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment.

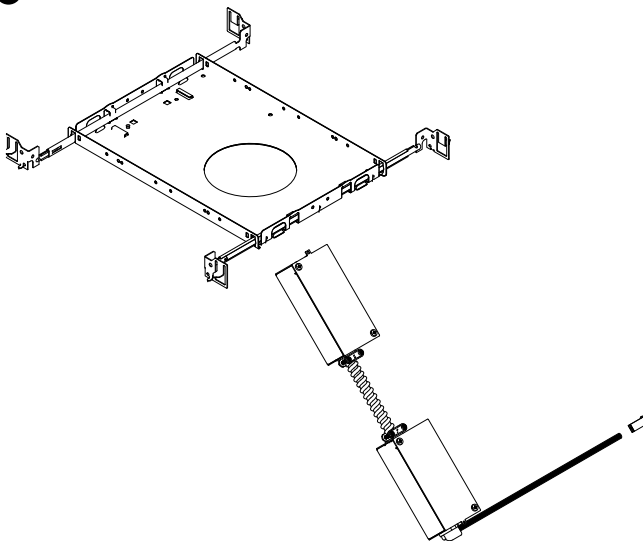
STEP 1C - RETROFIT:

New Construction Mounting Plate not used. Ensure area above finished ceiling will accommodate placement of fixture and driver compartment. Refer to product cut sheet and cut hole into ceiling as required. Feed building electrical conduit through ceiling cutout and ensure enough conduit length for future serviceability. Open driver compartment and use knockouts to connect building electrical conduit to driver compartment using appropriate hardware (not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment. For fixture servicing, do not fasten driver compartment.

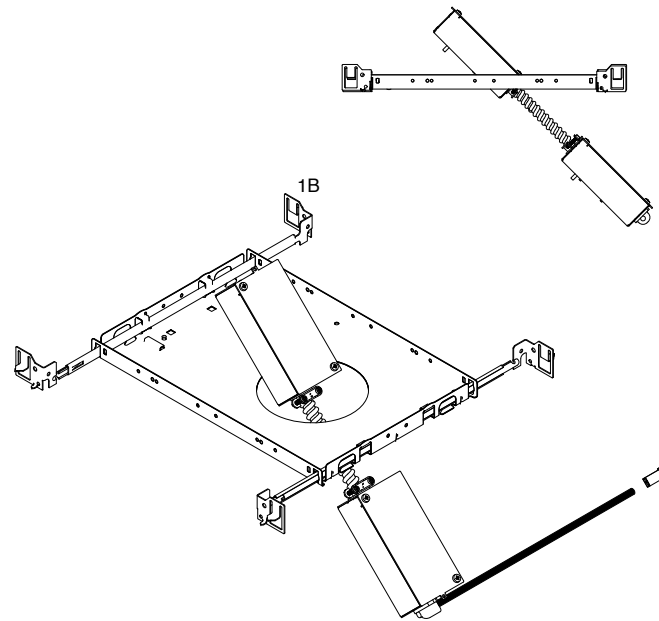
STEP 2 - FIXTURE INSTALLATION:

1. **Carefully remove bezel from LED Module Assembly.** Use hand to pull bezel away from LED Module Assembly. Sharp or flat objects not recommended as they can damage the bezel or snap locks. For bezel with lens, a suction cup is provided to remove bezel for future servicing.
2. Connect the quick disconnect from driver compartment to LED Module Assembly.
3. Insert the LED Module Assembly through the ceiling cutout.
4. Ensure the LED Module Assembly is securely fastened against the ceiling but has not recessed into soft ceiling tiles due to over tightening.
5. Carefully insert bezel into LED Module Assembly. Press firmly until bezel snaps into place.
6. Once fixture is secured to plenum cover, Place lens into metal bezel. Align all four holes then Insert a tamper resistant screw to aid with securing of the metal mounting ring. Fasten all four screws hand tight.
7. **Energize circuit and test for proper operation.**

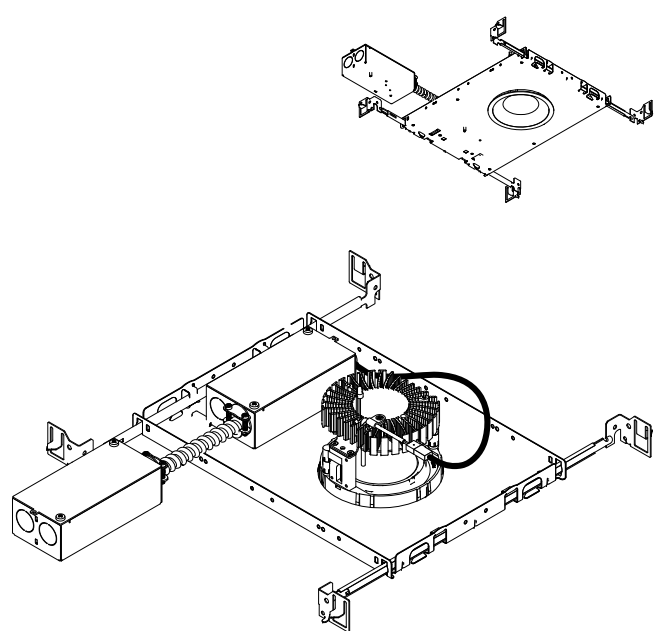
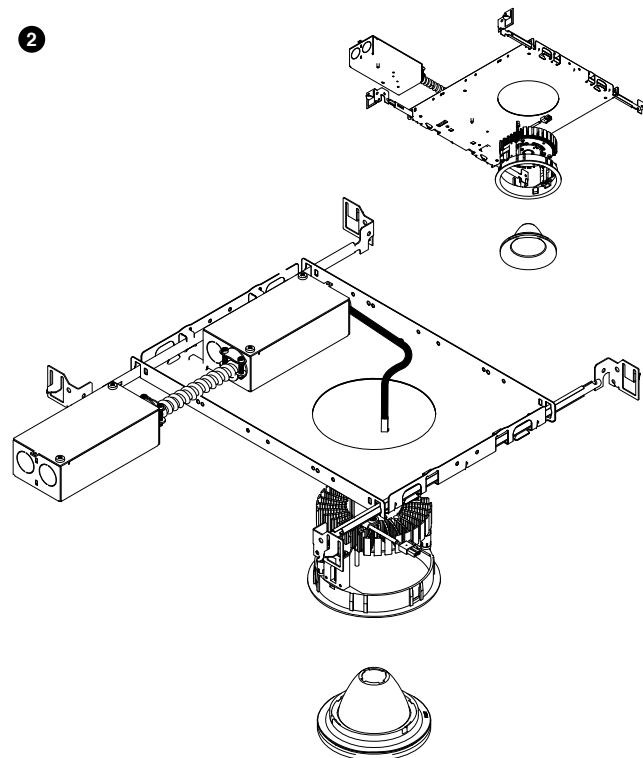
1



1B



2



Applicable for all trimmed NU4 LOPRO products

INSTRUCTIONS FOR USE
De-energize circuit before installation.

INSTRUCTIONS FOR WIRING DRIVER
COMPARTMENT & INSULATION CONTACT HOUSING

STEP 1: CEILING CUTOUT

- 1A** Verify that the positioning of the lighting fixture aligns with the requirements for accommodating both the new construction mounting plate and the lighting fixture itself. Ensure that the chosen location is devoid of any existing or potential obstructions that could impede servicing or installation procedures.
- 1B** Once the appropriate fixture placement is established and validated, refer to the ceiling cutout table to determine the correct hole size for the ceiling cutout.

STEP 2: IC RATED INSULATION CONTACT HOUSING

- 2A** Secure Insulation Contact Mounting Plate by adjusting bar hangers to size and secure as required using integral nails, screws or suspend in T-Bar grid ceiling. Ensure the fixture is properly supported and attached to building.

STEP 3: WIRING COMPARTMENT

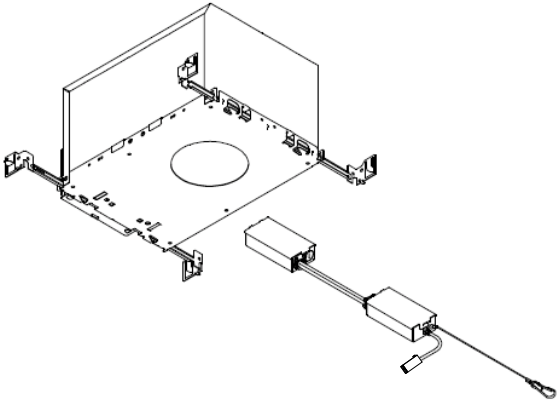
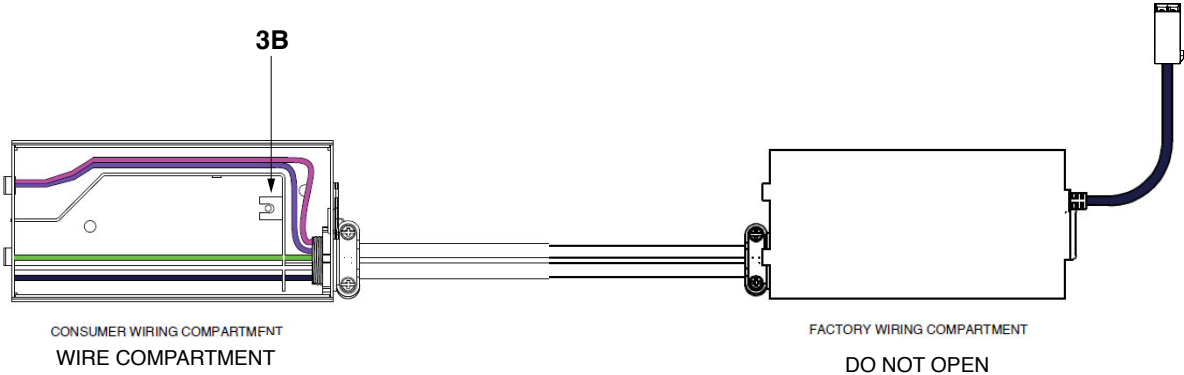
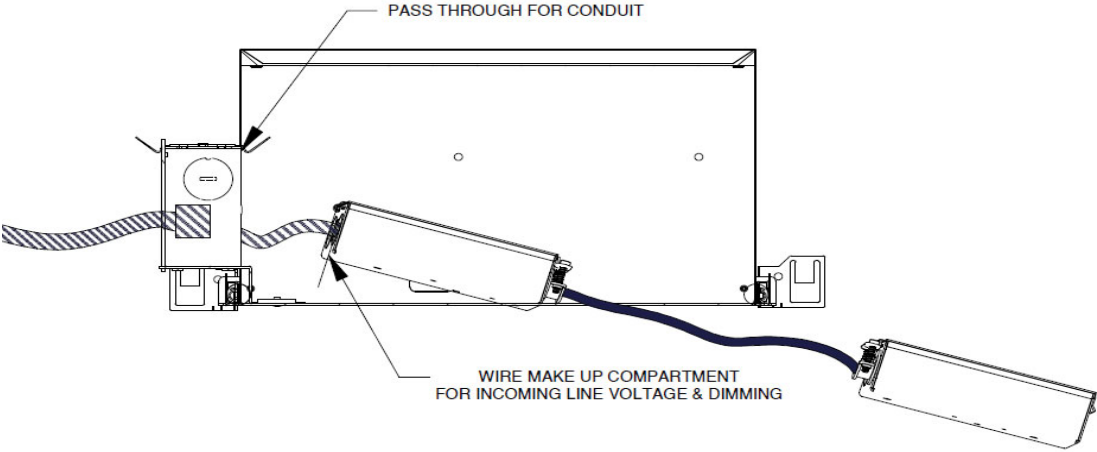
- 3A** Open wiring compartment and use knockouts to connect building electrical conduit to driver compartment using appropriate hardware (not provided).
- 3B** Connect line, neutral, ground, and dimming wires to building electrical supply. If using "CLASS 2 WIRING" for dimming barrier dividing line voltage must remain in compartment. If "CLASS 2 WIRING" is not applicable and no dimming or 5 conductor cable is being used barrier is ok to remove.

STEP 4: FUTURE SERVICING

- 4A** For future servicing or maintenance purposes, it's advised not to fasten the driver compartment. This ensures easy access without the need to remove fasteners.

NUE	CEILING CUTOUT	
	ROUND	SQUARE
4"	4"	4" x 4"

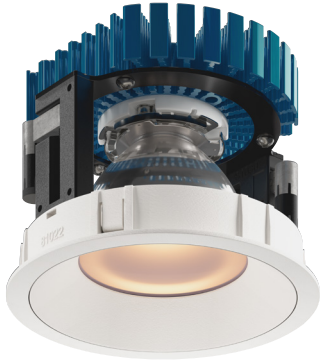
INSULATION CONTACT HOUSING



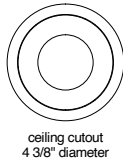
NU4RD Millwork Recessed Round Downlight

*Installation Instructions are applicable for other versions.

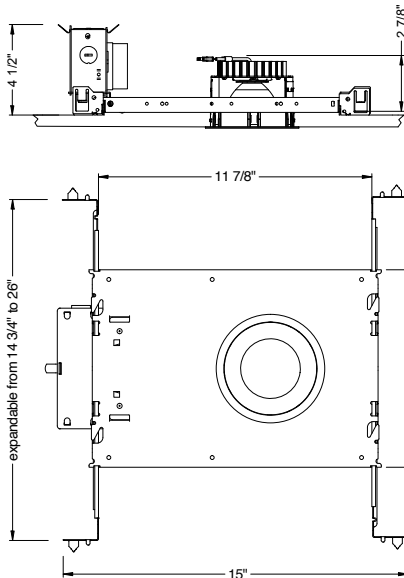
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HOLE CUTOUT 4-3/8" DIAMETER



ceiling cutout
4 3/8" diameter



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 and refer to them when additions, changes, or services to the fixture or system are made.

CAUTION – For Non – IC fixtures, do not install any fixture assembly closer than 6 inches (15.24 cm) from any combustible material.

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 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.

Suitable for wet location with lens only.

⚠
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 utilisé 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:

Ensure placement of fixture will accommodate New Construction Mounting Plate and LED Module Assembly. Refer to product cut sheet and cut hole into ceiling. Adjust bar hangers to size and secure New Construction Mounting Plate as required using integral nails and screws or suspend in T- Bar grid ceiling. Ensure the fixture is properly supported and attached to building. Open wiring compartment and use knockouts to connect electrical conduit to wiring compartment using appropriate hardware. (Hardware not provided). Connect line, neutral, and ground wires to building electrical supply. Secure driver compartments. Pull quick disconnect through cut out to energize LED Module Assembly.

STEP 1B - NEW CONSTRUCTION:

Secure New Construction Mounting Plate by adjusting bar hangers to size and secure New Construction Mounting Plate as required using integral nails and screws or suspend in T-Bar grid ceiling. Refer to product cut sheet and cut hole into ceiling as required. Ensure the fixture is properly supported and attached to building. Open wiring compartment and use knockouts to connect electrical conduit to wiring compartment using appropriate hardware. (Hardware not provided). Connect line, neutral, and ground wires to building electrical supply. Secure driver compartments. Pull quick disconnect through cut out to energize LED Module Assembly.

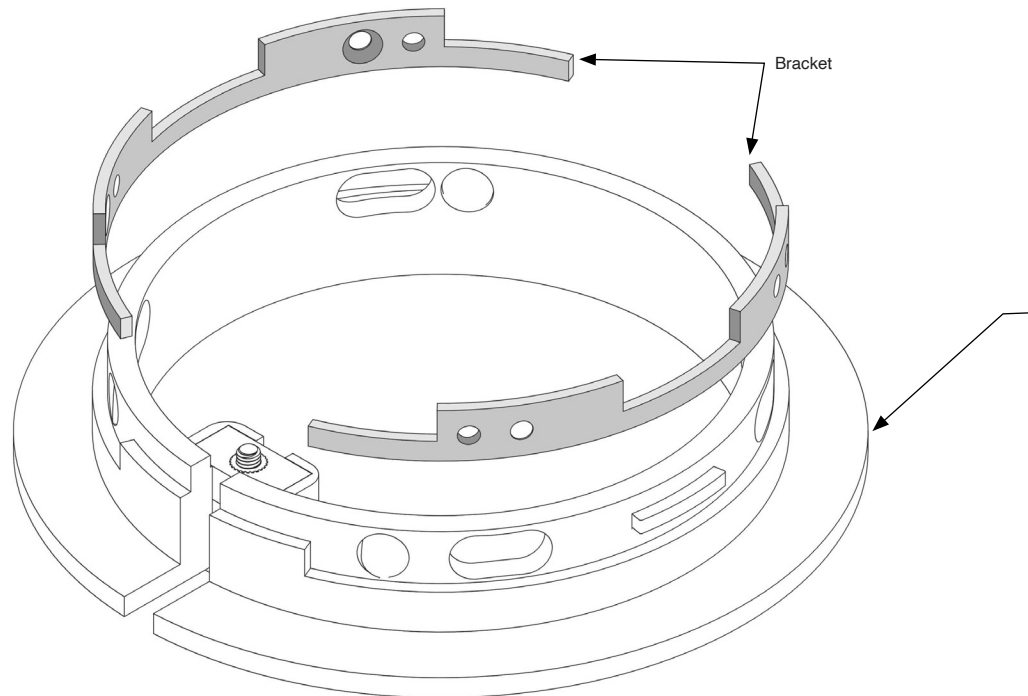
STEP 1C - RETROFIT:

New Construction Mounting Plate not used. Ensure area above finished ceiling will accommodate placement of fixture and driver compartments. Cut hole into ceiling as required. Feed building electrical conduit through ceiling cutout and ensure enough conduit length for future serviceability. Open driver compartments and use knockouts to connect building electrical conduit to driver compartments using appropriate hardware. (Hardware not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment and set driver into ceiling cutout. **For future service, do not attach driver to any building structure.** Pull quick disconnect through ceiling cutout to connect LED Module Assembly during installation.

STEP 2 - FIXTURE INSTALLATION:

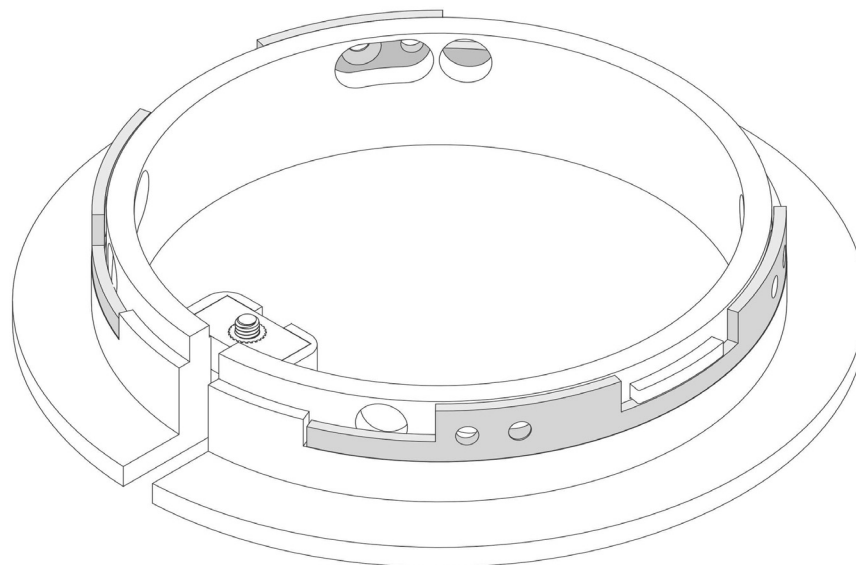
- Assemble guide and brackets. Align holes on bracket with the guide and insert guide into ceiling cutout. [Figure 1, 2]
- Insert assembled guide and bracket into ceiling cutout. Ensure it is fully seated and hand tighten tensioning screw. **Do not over tighten.** [Figure 3]
- Use right-angle drill or right-angle drill adapter to install screws provided in counter sunk holes on bracket. Predrill pilot hole recommended. [Figure 4]
- Once screws are installed, remove guide. [Figure 5]
- Connect the quick disconnects from driver compartment to the top of the LED Module Assembly. [Figure 6]
- Align mounting brackets to the spacing between the brackets and insert the LED Module Assembly through the ceiling cutout. Rotate fixture until fully seated.
- Hand tighten the Phillips head installation screws to secure the LED Module Assembly. Ensure the LED Module Assembly is securely fastened against the ceiling. **Do not over tighten.**
- Snap bezel into place.[Figure 7]
- Energize circuit and test for proper operation.

HOLE CUTOUT 4-3/8" DIAMETER

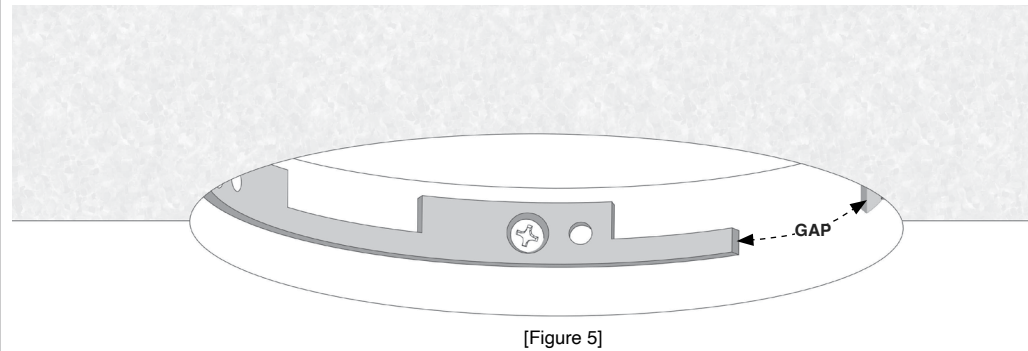
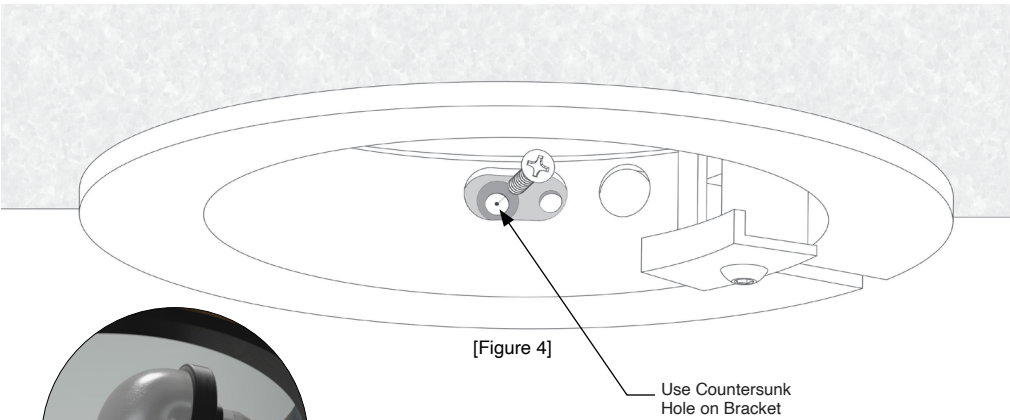
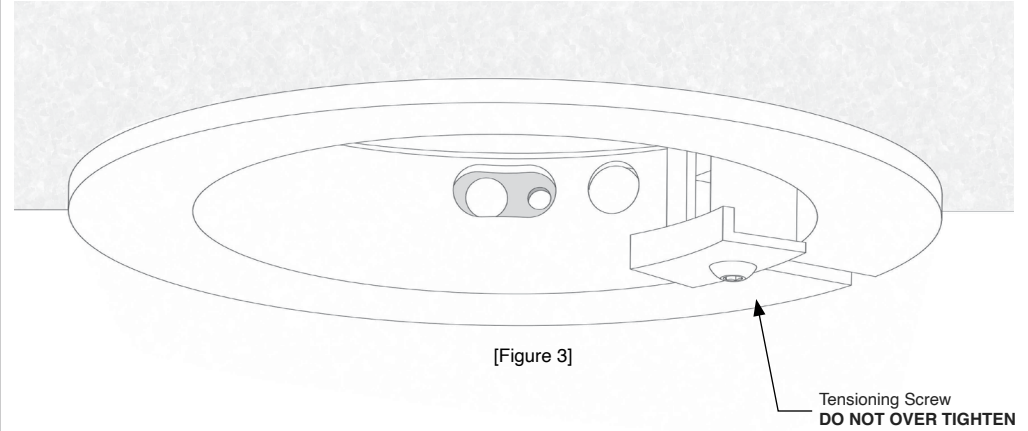
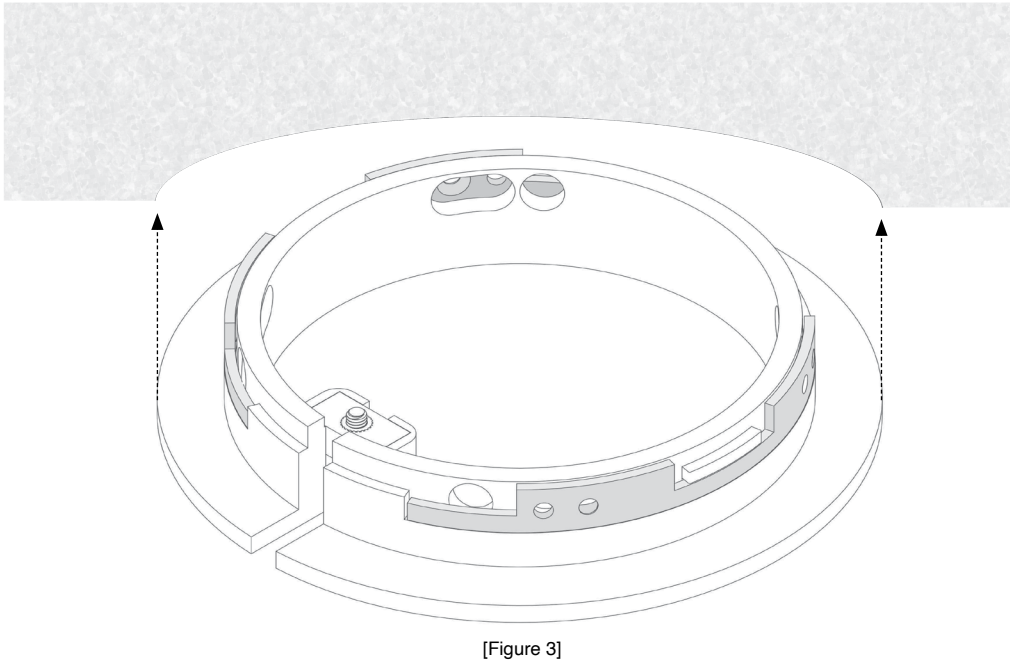


[Figure1]

Guide with Brackets Attached



[Figure 2]



REQUIRED TOOLS
Right-angle drill or
Right-angle drill adapter

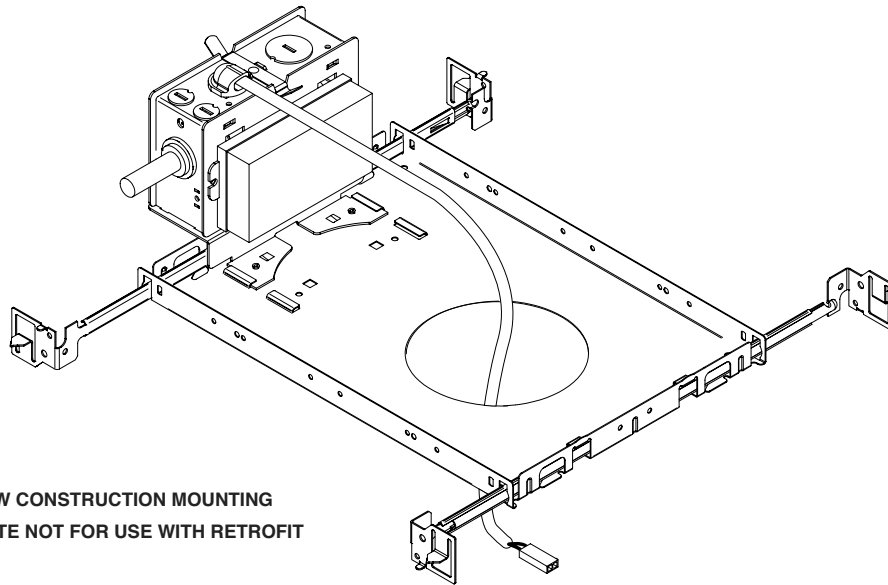
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

Ledra Brands Inc.
www.LedraBrands.com

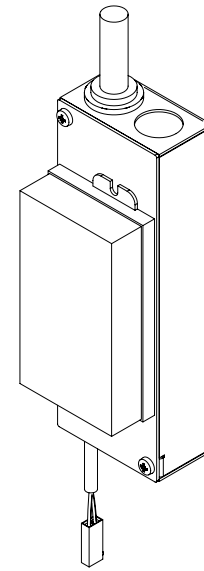
88 Maxwell
Irvine, CA 92618

F 714.259.9969
P 714.259.9959

alphabet bruck
LEDRA BRANDS

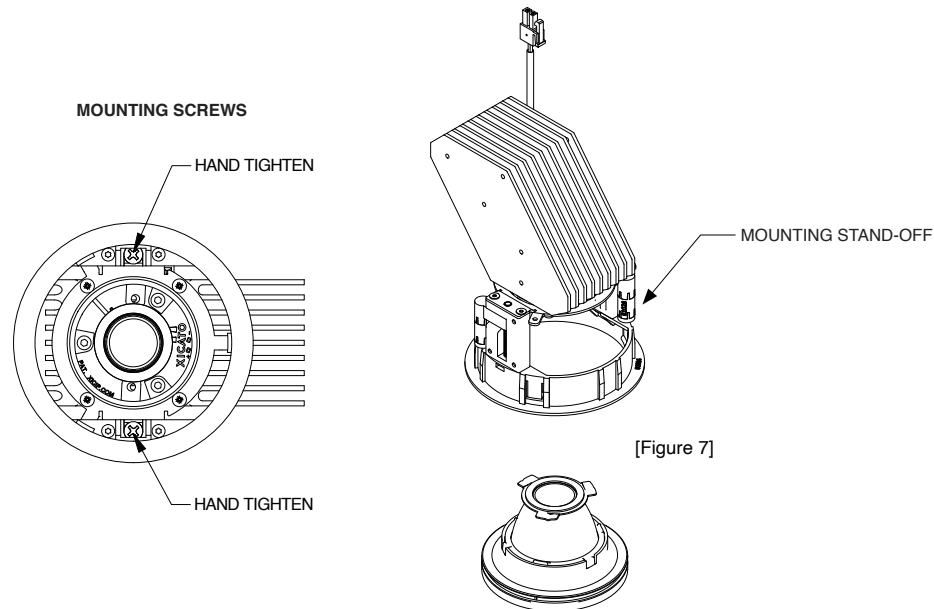


***NEW CONSTRUCTION MOUNTING
PLATE NOT FOR USE WITH RETROFIT**



RETROFIT VERSION

[Figure 6]



[Figure 7]

LOPRO Recessed Downlight

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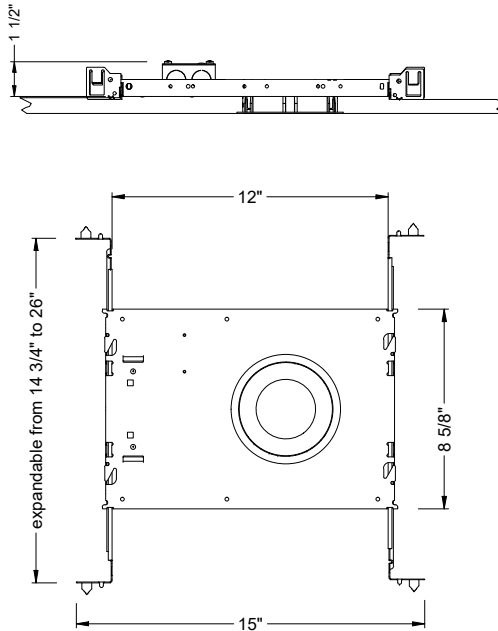
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Suitable for WET locations with lens only.



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- Risk of fire. Keep combustible material away from fixtures.

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- 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.

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- 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.

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STEP 1B - NEW CONSTRUCTION:

Secure New Construction Mounting Plate by adjusting bar hangers to size and secure New Construction Mounting Plate as required using integral nails and screws or suspend in T-Bar grid ceiling. Ensure the fixture is properly supported and attached to building. Refer to product cut sheet and cut hole into ceiling as required. Open wiring compartment and use knockouts to connect electrical conduit to wiring compartment using appropriate hardware (not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment.

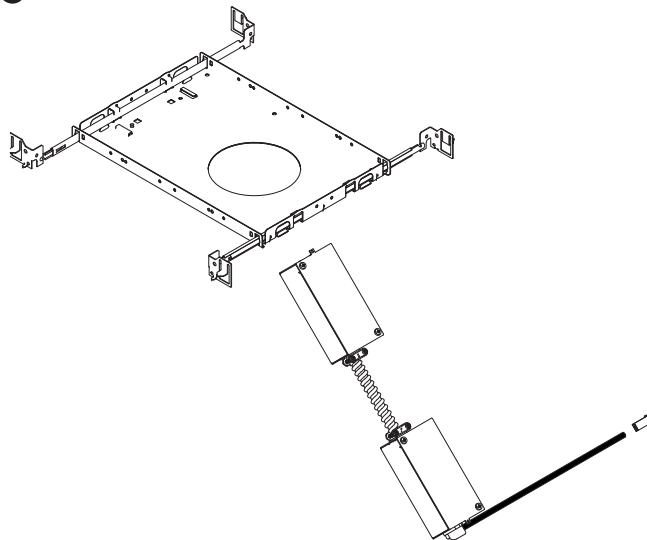
STEP 1C - RETROFIT:

New Construction Mounting Plate not used. Ensure area above finished ceiling will accommodate placement of fixture and driver compartment. Refer to product cut sheet and cut hole into ceiling as required. Feed building electrical conduit through ceiling cutout and ensure enough conduit length for future serviceability. Open driver compartment and use knockouts to connect building electrical conduit to driver compartment using appropriate hardware (not provided). Connect line, neutral, and ground wires to building electrical supply. Close driver compartment. For fixture servicing, do not fasten driver compartment.

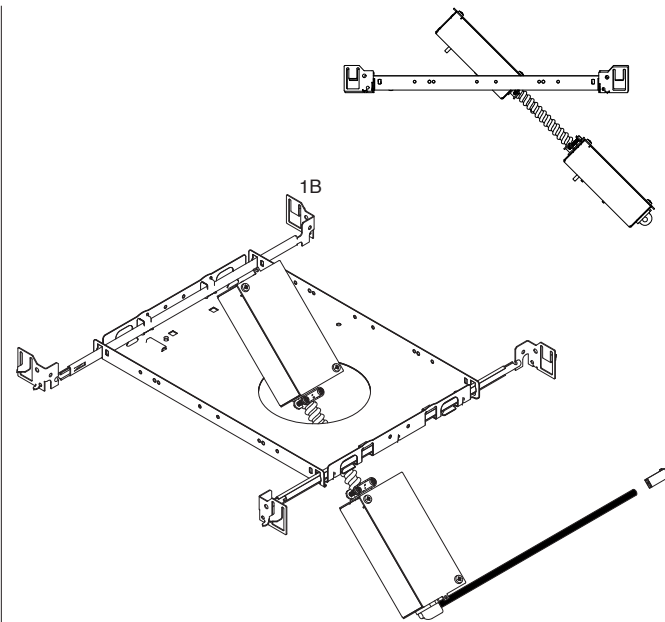
STEP 2 - FIXTURE INSTALLATION:

1. **Carefully remove bezel from LED Module Assembly.** Use hand to pull bezel away from LED Module Assembly. Sharp or flat objects not recommended as they can damage the bezel or snap locks. For bezel with lens, a suction cup is provided to remove bezel for future servicing.
2. Connect the quick disconnect from driver compartment to LED Module Assembly.
3. Insert the LED Module Assembly through the ceiling cutout.
4. Ensure the LED Module Assembly is securely fastened against the ceiling but has not recessed into soft ceiling tiles due to over tightening.
5. Carefully insert bezel into LED Module Assembly. Press firmly until bezel snaps into place.
6. Once fixture is secured to plenum cover, Place lens into metal bezel. Align all four holes then Insert a tamper resistant screw to aid with securing of the metal mounting ring. Fasten all four screws hand tight.
7. **Energize circuit and test for proper operation.**

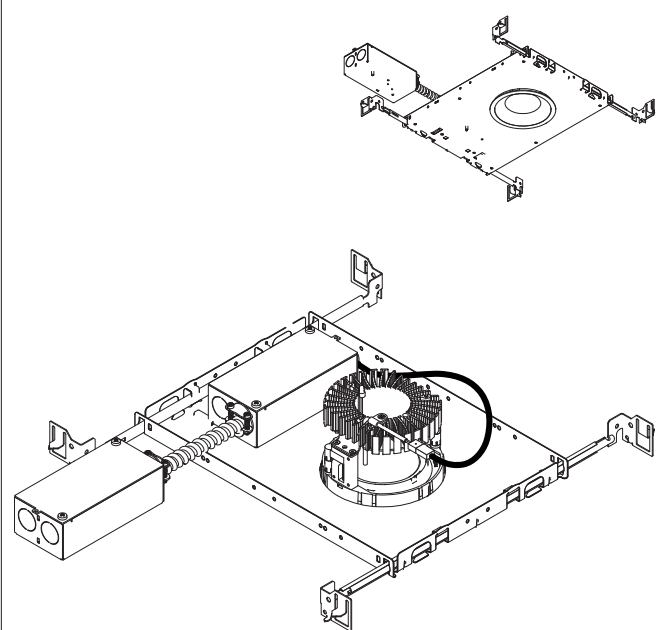
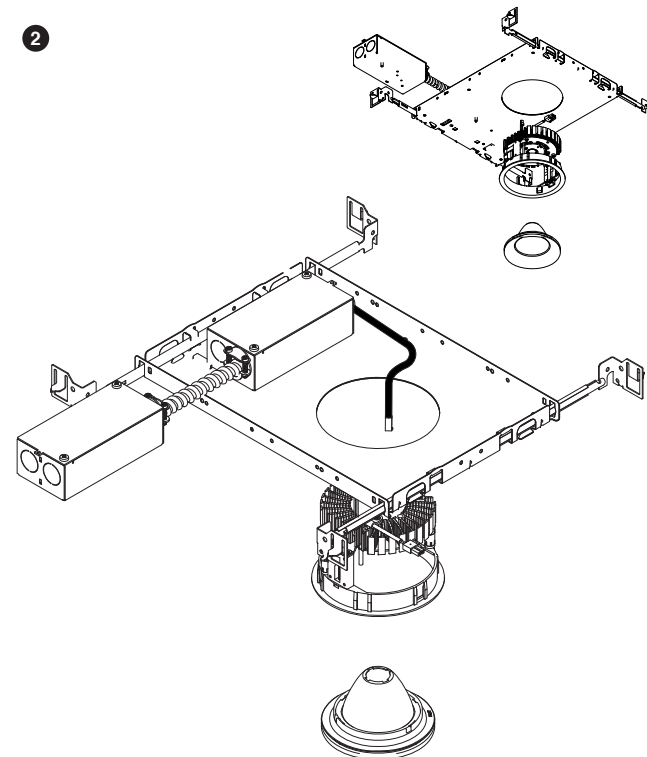
1



1B



2



Applicable for all trimmed NU4 LOPRO products

INSTRUCTIONS FOR USE

De-energize circuit before installation.

INSULATION CONTACT HOUSING

INSTRUCTIONS FOR WIRING DRIVER COMPARTMENT & INSULATION CONTACT HOUSING

STEP 1: CEILING CUTOUT

- 1A Verify that the positioning of the lighting fixture aligns with the requirements for accommodating both the new construction mounting plate and the lighting fixture itself. Ensure that the chosen location is devoid of any existing or potential obstructions that could impede servicing or installation procedures.
- 1B Once the appropriate fixture placement is established and validated, refer to the ceiling cutout table to determine the correct hole size for the ceiling cutout.

STEP 2: IC RATED INSULATION CONTACT HOUSING

- 2A Secure Insulation Contact Mounting Plate by adjusting bar hangers to size and secure as required using integral nails, screws or suspend in T-Bar grid ceiling. Ensure the fixture is properly supported and attached to building.

STEP 3: WIRING COMPARTMENT

- 3A Open wiring compartment and use knockouts to connect building electrical conduit to driver compartment using appropriate hardware (not provided).
- 3B Connect line, neutral, ground, and dimming wires to building electrical supply. If using "CLASS 2 WIRING" for dimming barrier dividing line voltage must remain in compartment. If "CLASS 2 WIRING" is not applicable and no dimming or 5 conductor cable is being used barrier is ok to remove.

STEP 4: FUTURE SERVICING

- 4A For future servicing or maintenance purposes, it's advised not to fasten the driver compartment. This ensures easy access without the need to remove fasteners.

