

Installation Instructions

NFRC

Fire Rated Can-less LED Downlights

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

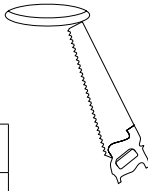
⚠ WARNING - Risk of fire or electric shock. An electric current can cause painful shock or serious injury unless handled properly.
⚠ WARNING - Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
⚠ WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects and wear gloves when handling the parts.
⚠ WARNING - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electric Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. For your safety, be sure the electrical power to the circuit has been disconnected before installing this electrical system.

⚠ AVERTISSEMENT - Risque d'incendie ou d'électrocution. Un courant électrique peut causer des chocs douloureux.
⚠ AVERTISSEMENT - L'installation requiert la connaissance des systèmes électriques des luminaires. Si vous n'êtes pas qualifié, ne tentez pas l'installation. Contactez un électricien qualifié.
⚠ AVERTISSEMENT - Pour éviter d'endommager le câblage ou l'abrasion, n'exposez pas le câblage aux bords de la tôle ou d'autres objets pointus et portez des gants lors de la manipulation des pièces.
⚠ AVERTISSEMENT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite en conformité avec l'édition actuelle du Code national de l'électricité et toutes étatiques et locales codes du bâtiment applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié(s). Une mauvaise installation peut entraîner un incendie ou un risque électrique. Pour votre sécurité, soyez sûr de la puissance électrique vers le circuit a été coupée avant l'installation de ce système électrique.

CATALOG NO.	DESCRIPTION
NFRC-R4W1	4" Fire Rated Can-less Flat LED Downlight, 120V input
NFRC-R4W2	4" Fire Rated Can-less Baffle LED Downlight, 120V input
NFRC-R4W3	4" Fire Rated Can-less Regressed LED Downlight, 120-277V input

CATALOG NO.	DESCRIPTION
NFRC-R6W1	6" Fire Rated Can-less Flat LED Downlight, 120-277V input
NFRC-R6W2	6" Fire Rated Can-less Baffle LED Downlight, 120-277V input
NFRC-R6W3	6" Fire Rated Can-less Regressed LED Downlight, 120-277V input

1 Locate a suitable position to mount the fixture and use the cutout from the packaging to mark and cut the ceiling hole.

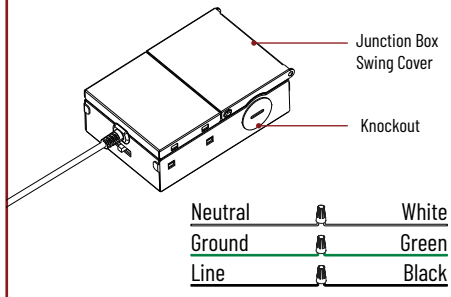


CUT-OUT DIMENSIONS

4" - NFRC-R4	4-5/16"
6" - NFRC-R6	6-5/16"

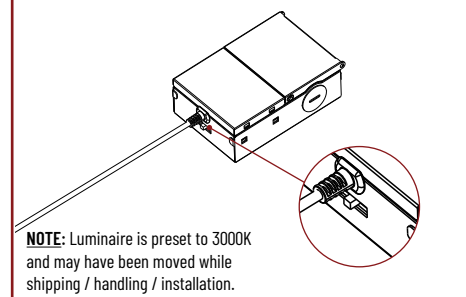
NOTE: Ensure that electrical wires from switch or power supply can be accessed through mounting hole.

2 Remove the appropriate knockout(s) and connect to corresponding power feed wires.



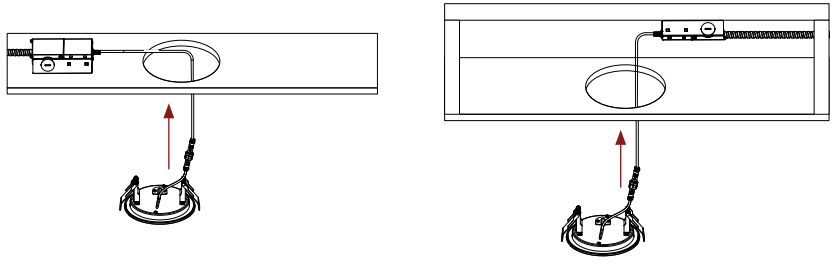
Neutral White
Ground Green
Line Black

3 Select desired color temperature on remote driver box.



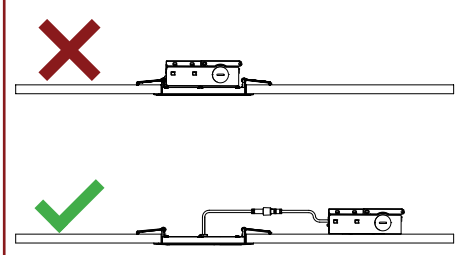
NOTE: Luminaire is preset to 3000K and may have been moved while shipping / handling / installation.

4 Place remote driver box through the ceiling cut out. Install driver where visible and branch circuits are accessible and visible from the room side.

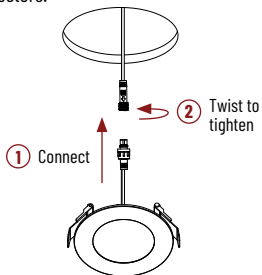


NOTE: For new construction applications, junction box shall be firmly secured to studs, joists, or similar fixed structural units.

5 Ensure that driver is not placed directly above luminaire.

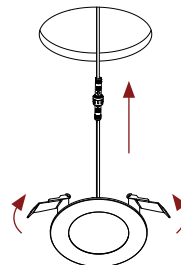


6 Connect the remote driver box to the luminaire by inserting and twisting the male / female connectors.

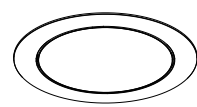


① Connect
② Twist to tighten

7 Push the spring clips up and insert luminaire through the ceiling cut out. Ensure the spring clips are holding the luminaire securely.



8 Installation complete.



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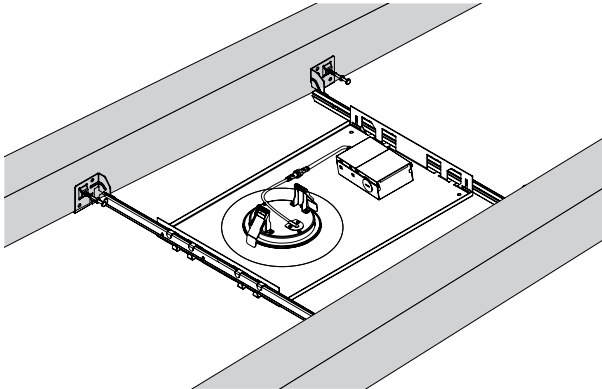
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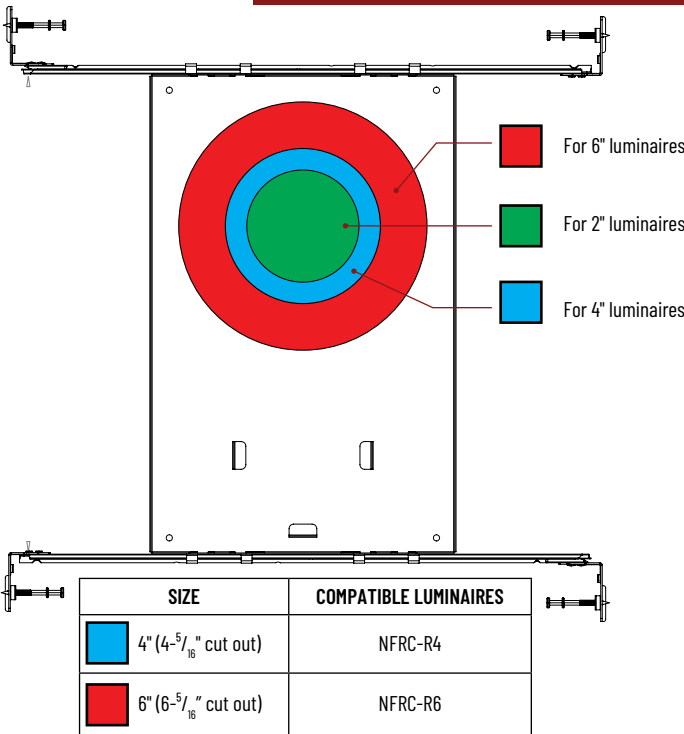
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UNIVERSAL NEW CONSTRUCTION FRAME-IN INSTALLATION

- Note: Frame-in comes ready for installation for 2" luminaires.
1. Turn off power from the electrical panel before starting installation.
 2. Remove desired cut-out(s) for compatible luminaire prior installation.
 3. Adjust the hanger bars to the desired length.
 4. Secure new construction frame-in into joist. Adjust the frame-in to the desired location.
 5. Run power supply leads through the ceiling cut out.



REQUIRES: NF-R246 (ORDERED SEPARATELY)



NEW CONSTRUCTION FRAME-IN INSTALLATION

1. Turn off power from the electrical panel before starting installation.
2. Secure new construction frame-in by screwing to joist. Adjust the frame-in to the desired location.
3. Install the mounting surface and cut a 4-⁵/₁₆" diameter hole through center of frame-in.
4. Run power supply leads through the ceiling cut-out.

REQUIRES: NFC-R430 (ORDERED SEPARATELY, 4IN ONLY)

