

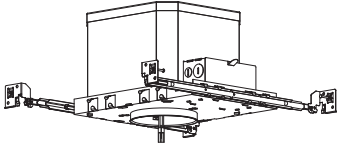
INSTRUCTIONS

Fire-Rated New Construction Housing Installation

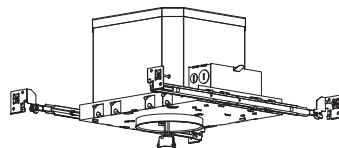
RAB®

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

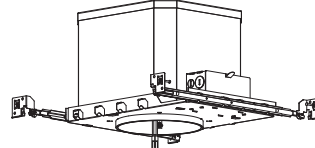
**** DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. ****



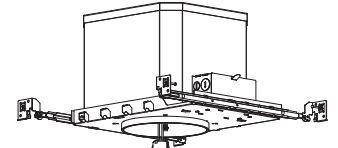
FRCANIC4R



FRCANIC4R/E26



FRCANIC6R



FRCANIC6R/E26

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. 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.

WARNING

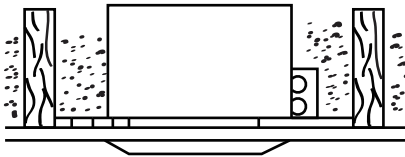
Risk of Fire - Supply conductors (power wires) connecting the fixture must be rated minimum 90°C. If uncertain, consult an electrician.

Risk of Electric Shock - Disconnect power at fuse or circuit breaker before installing or servicing.

Risk of Fire/Electric Shock - If not qualified, consult an electrician.

IC RATED

Fixtures are classified for insulated ceilings type-IC, type-T and for suspended ceiling type-S. To ensure safe and reliable operations, make sure the fixture corresponds to the proper application.



Insulated Ceiling - The insulated ceiling or IC approved recessed fixture is one that can be installed in direct contact with insulation

Airtight installation - This housing is certified under ASTM E283 and is supplied with a pre-installed gasket or with a ready-to-install self adhesive gasket.

Step 1 : Lay gasket flat and peel protective paper backing from gasket to expose adhesive side.

Step 2 : Apply supplied gasket to ceiling lip and wrap gasket around inside of housing to form seal of the ceiling opening or apply caulk per state / local code. When properly installed, housings provide compliance with air-flow regulations.

INSTALLATION

For use in 2 hr fire rated L500-Series Floor-Ceiling designs having solid wood joists or open-web wood trusses on max 24 in. centers, wood flooring and gypsum board ceiling: UL Design Nos. L505, L511, L536, L538, L541, L556, L577, M500, M510, M521 and M543. For use in 1 hr. fire rated L500-Series Floor-Ceiling designs having solid wood joists or open-web wood trusses on max 16 in. centers, wood flooring and a min 1/2 in. thick gypsum board ceiling.

Also, for use in maximum 1 hr fire rated P500-Series Roof-Ceiling designs. In P500-Series designs where trusses are spaced greater than 24 in. OC, luminaire to be fitted with hanger bars for securement to framing members or furring channels spaced 24 in. OC max. Spacing of luminaires not to exceed one per 25 sq ft of ceiling area with min separation of 3 ft between luminaires.

INSTRUCTIONS

Fire-Rated New Construction Housing Installation



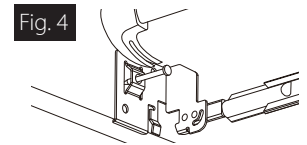
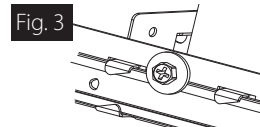
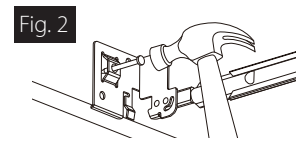
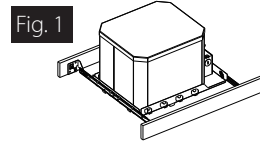
RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

**** DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. ****

INSTALLATION (cont'd)

Installation into joist construction

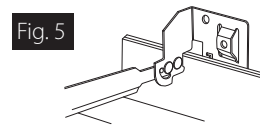
1. Extend bar hangers to fit between joists. Bar hanger foot is contoured to easily align with bottom of joist. (Fig. 1)
2. Position fixture by hammering Real-Nails into joists. (Fig. 2)
3. Slide fixture along bar hangers into desired location. Use locking screw. (Fig. 3)



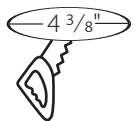
Relocating Fixture – Nail can be removed with hammer claw to allow easy repositioning of fixture without damaging bar hanger or nail. (Fig. 4)

Installation into suspended ceiling

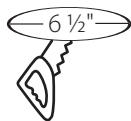
1. Place ceiling tile in T-bar grid.
2. Suspended (T-bar) ceilings: Extend bar hangers 1" past T-bars, then rest fixture on T-bars. (Fig. 5)
3. Secure fixture to T-bars with wire.



CUTTING A HOLE



4" HOUSING



6" HOUSING

Locate the center of proposed opening on your tile or ceiling material and mark it.

Rounds : Use a compass to draw a circle shown below diameter around the center point. Cut along this circular line.

ELECTRICAL CONNECTION

Open the junction box cover and connect the wires in the same color. Please refer to the details of wires shown.

Close junction box cover after wiring.

Connect Wire :



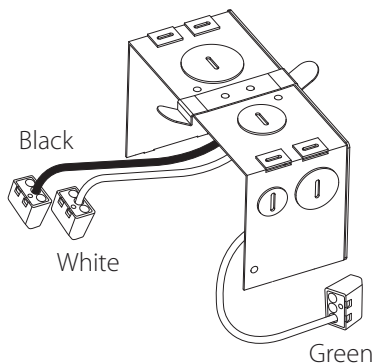
White (Neutral)



Black (Line)

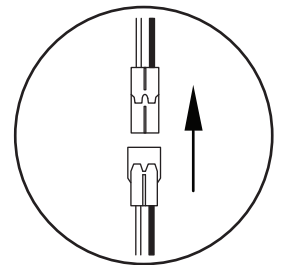
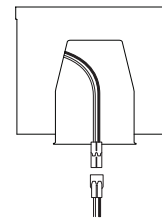


Green (Ground)

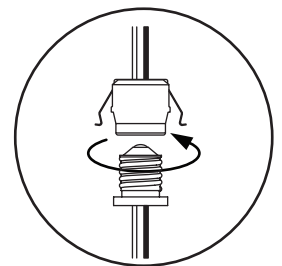
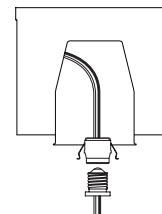


CONNECTOR

LED Housing
Ideal
connector



Line Voltage Housing
E26 Socket
connector



HALITE-IN-0626
P-102494

Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@rablighting.com

Free Lighting Layouts
Answered online or by request

RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.