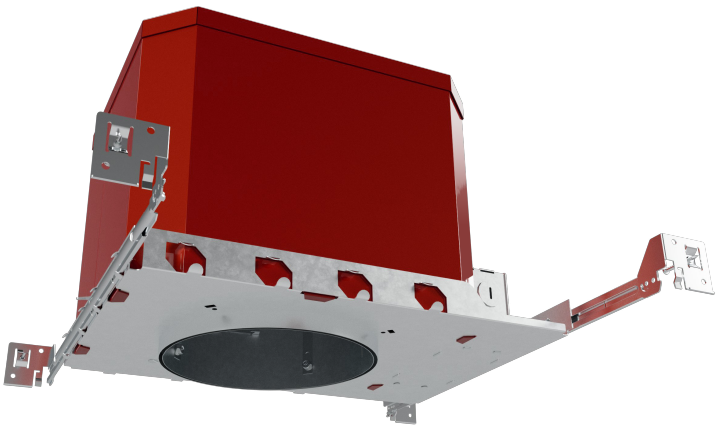
FRCANIC6R



Weight: 5.3 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:
Fire Rated Housings

Description:
UL Listed fire-rated IC housings for new construction. Heavy-duty steel construction with quick connector or E26 socket options in 4" and 6" sizes.

Electrical

Input Voltage:
120/277V

Installation

Mounting:
Recessed

Base Type:
Quick Connector

Construction

Size:
6"

Shape:
Round

Finish:
Red outer box

Housing:
Heavy-gauge die-cast steel housing rated for fire-resistance. UL Listed for fire-rated floor/ceiling assembly applications.

Nailer Bars:
Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Hanger bars have T-Bar slot and alignment feet. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allows easy installation in a suspended ceiling.

Junction Box:
Prewired 25 cubic inch 0.064" thick galvanized steel box with seven 1/2" trade size knockouts and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

Romex Strain Relief:
Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

Compliance

Listings:
UL Listed, UL Recognized

Environment:
Suitable for use indoors and outdoors in dry, damp, or wet environments.

IC Rated:
Suitable for direct contact with insulation. Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations. Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

Air Tight:
Housing certified Air Tight as per ASTM E283

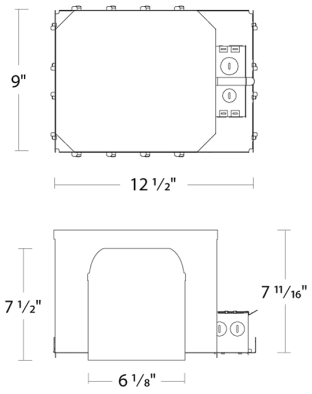
California Energy Commission (CEC) Status:
Lawful for Sales in California

Other

5-Year Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Dimensions



Features

- UL Listed fire-rated housing protects against fire spread between floors
- IC rated — safe for direct contact with all air-permeable insulation
- Quick Connector or E26 socket options for flexible trim compatibility
- Heavy-duty steel construction provides lasting fire barrier performance
- Available in 4" and 6" sizes to fit any new construction layout

Ordering Matrix

Family	Type	Voltage	Size	Shape	Connection Type
FRCAN	IC		6	R	
	IC = IC Rated	**Blank =** 120-277V	**4 =** 4" **6 =** 6"	**R =** Round	**Blank =** Quick Connector **/E26 =** Edison

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice