ELCO Lighting

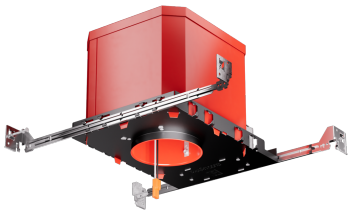
Project Name:

Fixture Type:

Date:

4″ LED FIRE RATED NEW CONSTRUCTION IC AIRTIGHT HOUSING

Housing · 4″

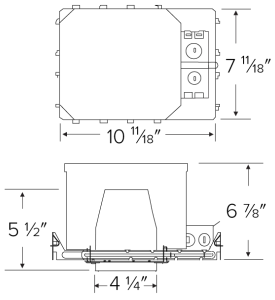


4″ Fire Rated ICA New Construction LED housing. Compatible with 4" LED inserts. 2-hour fire rated. Quick Connect terminal connector for easy installation.

FEATURES

- IC Airtight for direct contact with insulation.
- UL Listed (US and Canada) for 2-Hour Fire Resistance.
- Integrated Non-combustible insulation acts as a sound barrier minimizing sound transfer between floors.
- Meets Title 24 JA8-2025-E requirements.
- STC/IIC Sound Rated
- Trims and inserts sold separately.
- 14W MAX.
- Heigh: 6 7/8″
- For use with ceiling constructions: L505, L511, L536, L538, L541, L556, L577, M500, M510, M521 and M543.

DIMENSIONS



SPECIFICATIONS

Wattage	14W
Voltage	120-277V
Aperture	4"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	EMERGENCY OPTION
EL48FICA	14W	120-277V	—
EL48FICA-EM5	14W	120-277V	Emergency Battery Backup

Item page
elcolighting.com/items/4-led-fire-rated-new-construction-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ LED Housings and Inserts · 4″ Standard Koto™ · 4″ Koto™ Aim

TECHNICAL DETAILS

Construction:

- Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.
- For use with ceiling constructions: L505, L511, L536, L538, L541, L556, L577, M500, M510, M521, and M543.

Installation:

- Designed for ceiling plenums where 2x8 joists or taller are used.
- High strength hanger bars can easily be nailed to joists.
- Suitable for T-grid and drop ceiling applications.
- See installation sheet for detailed information.

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Junction Box: Positioned to accommodate straight conduit runs. Two 3/4” knockouts, Seven 1/2” trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while easily aligning the housings with the joists.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Listings: UL Listed (US and Canada) for Damp Location and for Wet Location with select trims. UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material. UL Listed (US and Canada) for Feed Through. Sound rated. STC Rating 50-55.

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