ELCO Lighting

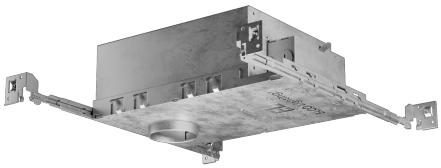
Project Name:

Fixture Type:

Date:

2″ IC R60 AIRTIGHT NEW CONSTRUCTION HIGH TECH-LUMEN HOUSING

Housing · 2″

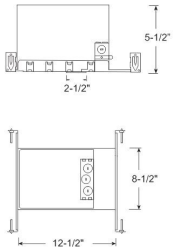


ITEM NUMBER **E2AJU12ICA**

FEATURES

- Double Wall IC rated for max. R-60 spray foam insulation.
- 3 in 1 Dimming, 120-277V, Triac/ELV (120V only), 0-10V.
- Height allows for use in 2x6 construction.
- Driver included on housing.
- CA Title 24 (JA8-2025-E).
- LED Light Engine sold separately.
- U.S. Patent 10,281,131.
- Suitable for Chicago Plenum construction

DIMENSIONS



SPECIFICATIONS

Wattage	11W
Voltage	120-277V
Dimming	Triac/ELV/0-10V
Aperture	2"

Item page
elcolighting.com/items/2-ic-r60-airtight-new-construction-hightech-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

High Tech-Lumen Alder™

⬇ Dimmer compatibility list

elcolighting.com · High Tech Alder Dimmer Compatibility

TECHNICAL DETAILS

Construction:

- IC Rated for Direct Contact with R60 spray insulation, for use in IC and non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/4″ ceiling thickness.
- Aluminum housing for greater heat dissipation. Stamped galvanized steel frame.
- Driver mounted on junction box for cooler LED operation.

Installation: Designed for shallow ceiling plenums where 2x6 joists or taller are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 2 5/8″. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Two 1/2″ trade size pry-out knockouts. Four Romex pry-outs with strain relief for easy Romex installation. Strain clamps to install or remove covers for easy access and grounding.

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 aligning the housings with the joists.

Electrical: Driver connects to 120/277V power supply. High Efficiency driver with a power factor > 0.9.

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.

Dimmability: Works with 120V Triac and ELV type dimmers and 120-277V 0-10V dimming . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

Trims: Compatible with - E210C18, E213C18, E214C18, E215C18, E218C18, E219C18 series.

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Listings: UL Listed (US and Canada) for Wet Location. UL Listed (US and Canada) for Feed Through. Meets restricted airflow requirements (per ASTM E-283). California Title 24 (JA8-2025-E).

Warranty: ELCO Products are built to last with a 5-year Limited warranty.

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