ELCO Lighting

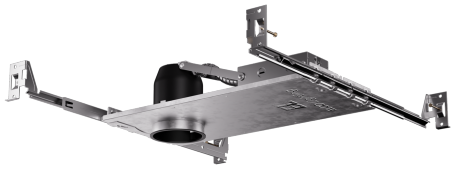
Project Name:

Fixture Type:

Date:

2″ IC AIRTIGHT NEW CONSTRUCTION HIGH TECH-LUMEN HOUSING

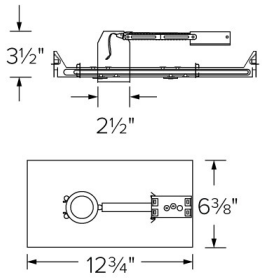
Housing · 2″



FEATURES

- Single Wall IC listed for direct contact with insulation.
- Triac/ELV/0-10V (120-277V), Triac/ELV (120V only).
- Height allows for use in 2x4 construction.
- Driver included on housing.
- CA Title 24 compliant (JA8-2025-E).
- LED Light Engine sold separately.
- U.S. Patent 10,281,131.

DIMENSIONS



SPECIFICATIONS

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

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING
E2LCU86ICA	11W	120-277V	Triac/ELV/0-10V
E2LC185ICA	11W	120V	Triac/ELV

Item page
elcolighting.com/items/2-ic-airtight-hightech-new-construction-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 (E2LCU Series)

TECHNICAL DETAILS

Construction:

- IC Rated for Direct Contact with Insulation, for use in IC and Non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/4″ 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 2x4 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 1/4″ trade size pry-out knockouts with conduit fitting provided.

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 120V only or 120/277V power supply. High Efficiency driver with a power factor > 0.9.

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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.

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

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

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