ELCO Lighting

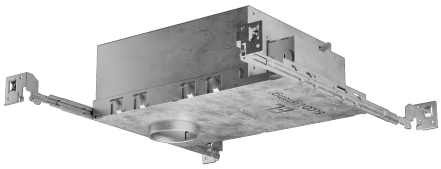
Project Name:

Fixture Type:

Date:

2″ IC AIRTIGHT NEW CONSTRUCTION HOUSING, DOUBLE WALL

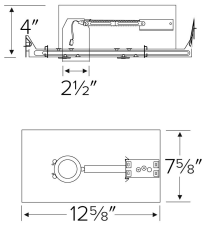
Housing



FEATURES

- Double Wall IC rated for use in insulated ceilings.
- Height allows for use in 2x6 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	9W
Voltage	120V
Dimming	Triac/ELV
Housing type	IC Airtight
Construction type	New Construction
Housing	Double Wall (9W)

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING	CONSTRUCTION TYPE	HOUSING	HOUSING TYPE
E2LC106 ICA	9W	120V	Triac/ELV	New Construction	Double Wall (9W)	IC Airtight

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

PART OF THESE FAMILIES

Alder™

↓ Dimmer compatibility list

elcolighting.com · 2" Alder LED Light Engines Dimmer List

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. Three 1/2″ trade size pry-out knockouts, One 3/4″ knockout, One 1/4″ knockout. 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 120V 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.

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

Trims: Compatible with - E210C06, E213C06, E214C06, E215C06, E218C06, E219C06 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). California Title 24 (JA8-2025-E).

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

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