ELCO Lighting

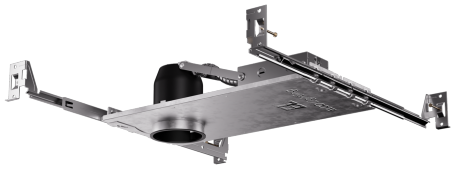
Project Name:

Fixture Type:

Date:

2″ IC AIRTIGHT NEW CONSTRUCTION HOUSING, SINGLE WALL

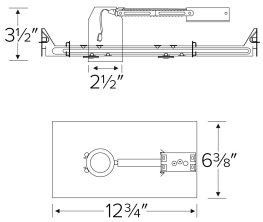
Housing



FEATURES

- Single Wall IC.
- 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	9W
Voltage	120V
Dimming	Triac/ELV
Housing type	IC Airtight
Construction type	New Construction
Housing	Single Wall (9W)

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING	CONSTRUCTION TYPE	HOUSING	HOUSING TYPE
E2LC175 ICA	9W	120V	Triac/ELV	New Construction	Single Wall (9W)	IC Airtight

Item page
elcolighting.com/items/2-ic-airtight-new-construction-sw-driver
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 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 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 power supply. High Efficiency driver with a power factor > 0.9.

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

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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) requirements.

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

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