ELCO Lighting

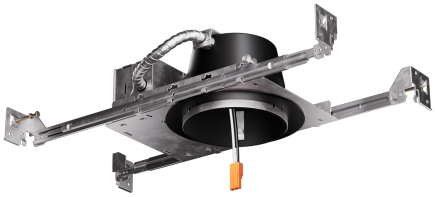
Project Name:

Fixture Type:

Date:

4″ IC AIRTIGHT SHALLOW NEW CONSTRUCTION HOUSING

Housing · 4″

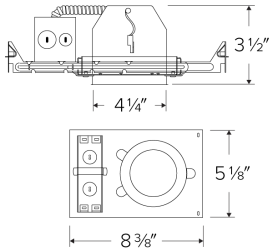


4" new construction dedicated LED housing. Compatible with 4" LED inserts, LED modules or PSA37 with MR16 trims. Can include step-down transformer.

FEATURES

•Single wall IC airtight shallow construction, for use in insulated ceilings.
•Transformer (EL492ICA-7 only) 277V to 120V step-down transformer.
•Meets Title 24 JA8-2025-E requirements. Meets ENERGY STAR® requirements.
•Trims and inserts sold separately, MR16 LED with PSA37 or 4" Insert.
•Compatible with the Poplar™ LED Module

DIMENSIONS



SPECIFICATIONS

Wattage	14W
Voltage	120V · 277V · 120-277V
Dimming	Triac/ELV
Aperture	4"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING	EMERGENCY OPTION
EL492ICA	14W	120-277V	Triac/ELV	—
EL492ICA-7	14W	277V	—	—
EL492ICA-EM5	14W	120-277V	Triac/ELV	Emergency Battery Backup

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

PART OF THESE FAMILIES

4″ Poplar™ · 4″ LED Housings and Inserts · 4″ Quick Connect PSA37 Housings and Trims · 4″ Standard Koto™

TECHNICAL DETAILS

Construction:

- Shallow single wall IC rated for direct contact with insulation, for use in IC or 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.
- Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Installation: Designed for 2x4 ceiling construction. High strength hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts with pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with TrueNail facilitate easy

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installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 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: Input Voltage: 120V AC. Inherently protected.

Dimmability: Dimmability based on lamp.

Lamp: Designed for use with ELCO 4" LED inserts, LED modules, or PSA37 with 4" MR16 trims.

Listings:

- UL Listed (US and Canada) for Damp Location.
- UL Listed (US and Canada) for Wet Location with select trims.
- UL Listed (US and Canada) for Feed Through.
- UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material.
- Airtight per ASTM E-283.
- Install a JA8-2025-E lamp for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

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