ELCO Lighting

Project Name:

Fixture Type:

Date:

6″ NEW CONSTRUCTION DEDICATED IC AIRTIGHT HOUSING

Housing · 6″

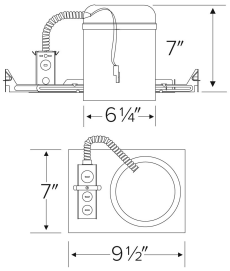


6" new construction dedicated LED housing. Compatible with 6" LED inserts. Can include step-down transformer.

FEATURES

•IC Airtight for direct contact with insulation.
•With quick connect terminal.
•Transformer (EL770ICA-7 only): 277V to 120V step-down transformer.
•Meets Title 24 JA8-2025-E requirements. Meets ENERGY STAR® requirements.
•Trims and inserts sold separately.

DIMENSIONS



SPECIFICATIONS

Wattage	24W MAX
Voltage	120-277V · 277V
Dimming	Triac/ELV
Aperture	6"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING	EMERGENCY OPTION
EL770ICA	24W MAX	120-277V	Triac/ELV	—
EL770ICA-7	24W MAX	277V	—	—
EL770ICA-EM5	24W MAX	120-277V	Triac/ELV	Emergency Battery Backup

Item page
elcolighting.com/items/6-new-construction-dedicated-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

6″ Standard Koto™ · 6″ Poplar™ · 6″ LED Housings and LED Inserts · 6″ Koto™ Aim

TECHNICAL DETAILS

Construction:

• 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 1/4" 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 ceiling plenums where 2x8 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 6 1/4". 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. Pry-out

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knockout slots. 4 Romex pryouts with strain relief.

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

Emergency Backup: The fixture becomes 120V only with the -EM7 Emergency Battery Backup.

Trims: Compatible with ELCO 6" LED Inserts.

Dimmability:

- Dimmability based on lamp.

Lamp: Designed for use with ELCO 6" LED inserts, LED modules, or PSA37 with 6" 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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