ELCO Lighting

Project Name:

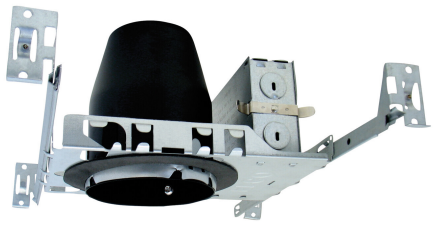
Fixture Type:

Date:

4″ NEW CONSTRUCTION IC AIRTIGHT HOUSING

Housing · 4″

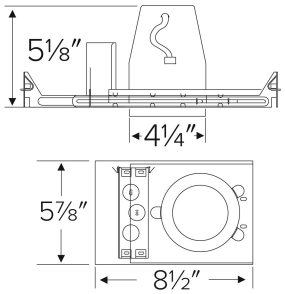
4" new construction housing featuring a twist and lock socket for use with 120V GU10 MR16 LED lamps.



FEATURES

- Single wall IC construction, for use in insulated ceilings.
- With Thermal Protector
- Dimmable.
- Lamp: 120V, MR16 GU10 LED (not included).
- Lamp Holder: Twist-and-lock GU10 MR16 lamp holder.
- Trims sold separately.

DIMENSIONS



SPECIFICATIONS

Wattage	12W
Voltage	120V · 277V
Lamp type	GU10
Aperture	4"

ITEM NUMBERS

ITEM NUMBER	LAMP TYPE	WATTS	VOLTAGE
EL49LDICA	GU10	12W	120V
EL49LDICA-7	GU10	12W	277V

Item page
elcolighting.com/items/4-new-construction-ic-airtight-housing-0
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ GU10 Housings and Trims

↓ Dimmer compatibility list
elcolighting.com · Dimmer Compatibility List

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 1/2" 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 ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 4 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 with pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with True Nail 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:

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- Input Voltage: 120V AC.
- EL49LDICA-7 includes 277V to 120V step-down transformer.
- Thermally protected against improper lamping.

Trims: Compatible with ELCO 4" MR16 trims.

Dimmability:

- Dimmability based on lamp.

Lamp: Designed for use with GU10 MR16 LED lamps.

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/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 3 years.

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