ELCO Lighting

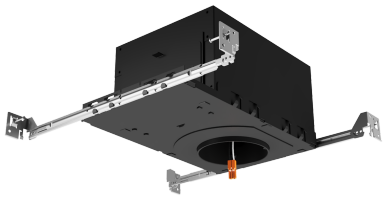
Project Name:

Fixture Type:

Date:

4″ DEDICATED LED IC AIRTIGHT NEW CONSTRUCTION R60 AND CHICAGO PLENUM HOUSING

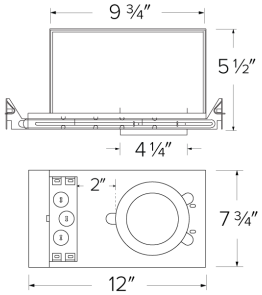
Housing



FEATURES

- Dedicated LED New Construction IC Airtight R-60 Foam Insulation Housing
- Meets Title 24 JA8-2025-E requirements. Meets ENERGY STAR® requirements.
- Trims and inserts sold separately, MR16 LED with PSA37 or 4" Insert or Module.
- Suitable for Chicago Plenum construction

DIMENSIONS



SPECIFICATIONS

Wattage	14W · 14 MAX
Voltage	120V · 120-277V
Dimming	Triac/ELV
Lamp type	LED
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	LAMP TYPE	WATTS	VOLTAGE	DIMMING
EL490AJICA	LED	14W	120-277V	Triac/ELV

Item page
elcolighting.com/items/4-dedicated-led-ic-airtight-new-construction-r60-and-chicago-plenum-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

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

TECHNICAL DETAILS

Construction:

- 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 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. Two 3/4" knockouts slots.

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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: Input Voltage: 120V AC.

Listings: UL Listed (US and Canada) for Damp Location. 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 this product will be free from defects in materials and workmanship for a period of 5 years.

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