ELCO Lighting

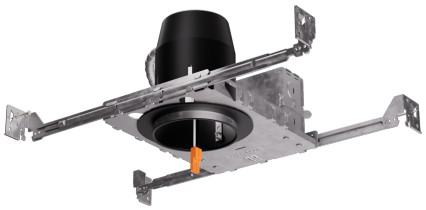
Project Name:

Fixture Type:

Date:

3″ NEW CONSTRUCTION DEDICATED LED IC AIRTIGHT HOUSING

Housing · 3″

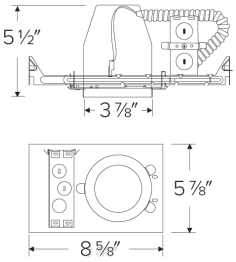


3" new construction dedicated LED housing. Compatible with MR16 LED lamps with PSA37 or 3" LED inserts.

FEATURES

- Single Wall IC Airtight Housing for use in insulated ceilings.
- Dimmable.
- Transformer (EL390ICA-7 only): 277V to 120V step-down transformer.
- Trims and inserts sold separately, MR16 LED with PSA37 or 3" Insert.

DIMENSIONS



SPECIFICATIONS

Wattage	14W MAX
Voltage	120V · 277V · 120-277V
Aperture	3"
Emergency option	Emergency Battery Backup (90 minute)

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	EMERGENCY OPTION
EL390ICA	14W MAX	120V	—
EL390ICA-7	14W MAX	277V	—
EL390ICA-EM5	14W MAX	120-277V	Emergency Battery Backup (90 minute)

Item page
elcolighting.com/items/3-new-construction-dedicated-led-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ Standard Koto™ · 3″ LED Housings and Inserts · 3″ Quick Connect PSA37 Housings and Trims · 3″ Koto™ Aim

TECHNICAL DETAILS

Lamp: Designed for use with ELCO 3" LED inserts, LED modules, or PSA37 with 3" MR16 trims.

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.

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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 3 5/8". 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 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: • Input Voltage: 120V AC. • Inherently protected.

Dimmability: Dimmability based on lamp.

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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