ELCO Lighting

Project Name:

Fixture Type:

Date:

24V DC 3″ NEW CONSTRUCTION DEDICATED LED IC AIRTIGHT HOUSING

Housing · 3″



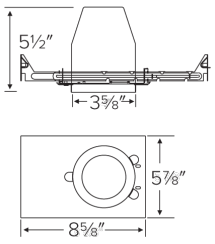
24V DC 3″ new construction dedicated LED housing. Compatible with 24V DC Koto™ Module.

ITEM NUMBER **E24V390ICA**

FEATURES

- Only for use with 24V DC Koto Module
- Single Wall IC Airtight Housing for use in insulated ceilings
- Flicker Free LED Dimming
- Simple installation with 24V Wire
- Trims and module sold separately

DIMENSIONS



SPECIFICATIONS

Wattage	14W MAX
Voltage	24V DC
Aperture	3"

Item page
elcolighting.com/items/24v-dc-3-new-construction-dedicated-led-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ 24V DC Koto™

TECHNICAL DETAILS

Lamp: Designed for use with ELCO 3" LED Koto inserts and 24V DC Koto LED module.

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 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: 24V DC.
- Inherently protected.

Dimmability: Dimmability based on driver.

Listings:

© ELCO Lighting 2026. All rights reserved • Rev. 24 Jun 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

•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.

© ELCO Lighting 2026. All rights reserved • Rev. 24 Jun 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.