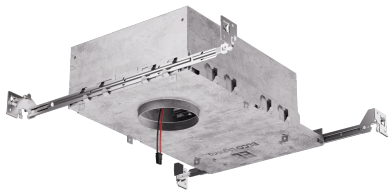
ELCO Lighting

Project Name:

Fixture Type:

Date:

24V DC 2″ SHALLOW MAX. ADJUSTABILITY IC AIRTIGHT NEW CONSTRUCTION HOUSING



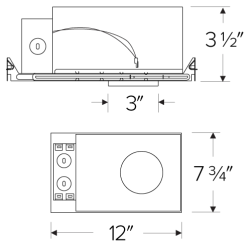
Housing

ITEM NUMBER **E24V250ICA**

FEATURES

•IC Airtight for direct contact with insulation
•24V DC Quick Connect for easy module installation
•Integrated lip allows for use with ⅝" thick ceilings
•Limited 5 year warranty
•Optional Accesory: 2″ Koto™ Housing Ceiling Extension Collar

DIMENSIONS



SPECIFICATIONS

Voltage	24V DC
Dimming	Triac/ELV

Item page
elcolighting.com/items/24v-dc-2-shallow-max-adjustability-ic-airtight-new-construction-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

2″ 24V DC Koto™

TECHNICAL DETAILS

Construction:

- IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- Housing accommodates up to ⅝" 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 swivel hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Hanger Bars: Pre-installed swivel 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: 24V DC.
- Inherently protected.

Dimmability:

- Dimmability based on lamp.

Lamp: Designed for use with ELCO 2" PEX Diecast Trims and 24V DC KotoTM LED module

Listings:

- cULus Listed for US and Canada.
- 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.

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

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

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