ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ SHALLOW MAX. ADJUSTABILITY NEW CONSTRUCTION IC AIRTIGHT HOUSING

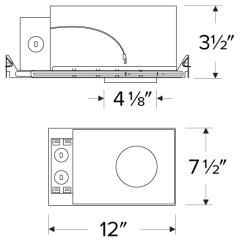
Housing · 4″



FEATURES

•IC Airtight for direct contact with insulation
•120V Quick Connect for easy module installation
•Integrated collar allows for use with ⅝" thick to 1 ½" thick ceilings
•Limited 5 year warranty

DIMENSIONS



EL453ICA

SPECIFICATIONS

Voltage	120-277V
Dimming	Triac/ELV
Aperture	4"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	VOLTAGE	DIMMING	EMERGENCY OPTION
EL453ICA	120-277V	Triac/ELV	—
EL453ICA-EM5	120-277V	Triac/ELV	Emergency Battery Backup

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

PART OF THESE FAMILIES

4″ Standard Koto™

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 1½" 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. 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 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:

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- Input Voltage: 120V AC.
- Inherently protected.

Emergency Backup: The fixture becomes 120V only.

Dimmability:

- Dimmability based on lamp.

Lamp: Designed for use with ELCO 4" PEX Diecast Trims and 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.

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

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