ELCO Lighting

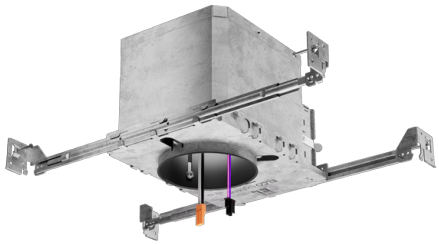
Project Name:

Fixture Type:

Date:

4″ 0-10V MAX. ADJUSTABILITY NEW CONSTRUCTION IC AIRTIGHT HOUSING

Housing · 4″

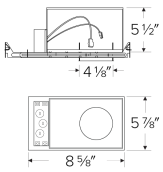


4" New Construction LED Housing compatible with 0-10V LED Koto™ Module.

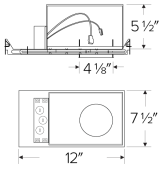
FEATURES

•Wired for 0-10V Dimming
•120/277V Input
•Integrated collar allows for use with ⅝" thick to 1 ½" thick ceilings
•Double Wall IC Airtight for direct contact with Insulation
•Meets restricted air flow requirements (per ASTM E-283)
•UL Listed (US and Canada) for direct contact with Insulation
•UL Listed (US and Canada) for Damp Locations
•UL Listed (US and Canada) for Wet Location with Wet Location Rated Inserts
•UL Listed (US and Canada) for Feed Through
•CA Title 24 Compliant

DIMENSIONS



EL485ICDXA-EM



EL485ICDXA-EM

SPECIFICATIONS

Voltage	120-277V · 120V
Dimming	0-10V/Triac/ELV
Aperture	4"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	VOLTAGE	DIMMING	EMERGENCY OPTION
EL485ICDXA	120-277V	0-10V/Triac/ELV	—
EL485ICDXA-EM7	120V	0-10V/Triac/ELV	Emergency Battery Backup

Item page
elcolighting.com/items/4-0-10v-max-adjustability-new-construction-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ DX 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.

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Electrical: Input Voltage: 120277V. **Emergency Backup:** The fixture becomes 120V only.

Dimmability: Dimmability based on lamp.

Lamp: Designed for use with ELCO 4" Pex™ Twist-On Trims and 0-10V Koto™ 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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