ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ IC AIRTIGHT REMODEL HOUSING FOR ARCHITECTURAL KOTO™ LED ENGINE

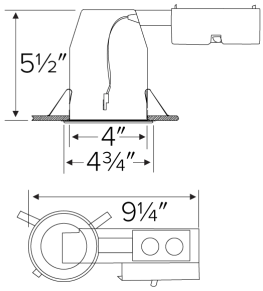
Housing



FEATURES

•IC Airtight for direct contact with insulation.
•Koto™ Architectural Housing: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.
•Must be used with Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).
•With ELK19 850 lm · ELK21 1,100 lm · ELK24 1,350 lm.

DIMENSIONS



SPECIFICATIONS

Wattage	12.5W
Voltage	120V · 120-277V
Dimming	Triac/ELV · 0-10V/Triac/ELV

Item page
elcolighting.com/items/4-ic-airtight-remodel-housing-architectural-koto-led-engine
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Architectural Koto™

⬇ Dimmer compatibility list

elcolighting.com · Koto™ Architectural Housings Dimmer List

PRODUCT NUMBER BUILDER

Specify **4″ IC Airtight Remodel Housing for Architectural Koto™ LED Engine** item number (Select one) Example: **E4LK87RICA** Your item number:

ITEM	VOLTAGE	DIMMING
E4LK		
	87 120V[1]	**RICA** Triac/ELV
	88 120-277V[2]	**RICAD** 0-10V/Triac/ELV

[1] Available as 120V, Triac/ELV only [2] Available as 120/277V, 0-10V/Triac/ELV only

TECHNICAL DETAILS

Lamp: Designed for use with ELCO Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).

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

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steel frame.

Installation: Designed for ceiling plenums where 2x6 joists or taller joists are used. Maximum hole cutout is 4 1/4". 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.

Electrical:

- Input Voltage: 120V .
- 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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