ELCO Lighting

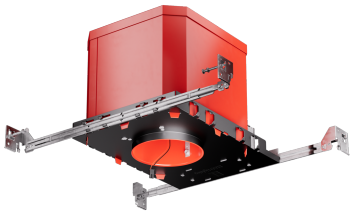
Project Name:

Fixture Type:

Date:

4″ IC AIRTIGHT NEW CONSTRUCTION 2-HOUR FIRE RATED HOUSING FOR KOTO™ LED ENGINE

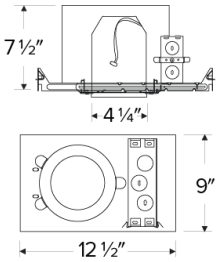
Housing



FEATURES

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

DIMENSIONS



SPECIFICATIONS

Wattage	11.8W
Voltage	120V · 120-277V
Dimming	Triac/ELV · 0-10V/Triac/ELV

Item page
elcolighting.com/items/4-ic-airtight-new-construction-2-hour-fire-rated-housing-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 New Construction 2-Hour Fire Rated Housing for Koto™ LED Engine** item number (Select one) Example: **ELK93FICA**

Your item number:

ITEM	VOLTAGE	DIMMING
ELK		
	93 120V **94** 120-277V	**FICA** Triac/ELV **FICAD** 0-10V/Triac/ELV

TECHNICAL DETAILS

Construction:

- Double Wall IC Rated for direct contact with insulation. For use in IC and 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.

Installation:

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•Designed for ceiling plenums where 2x8 joists or taller are used.
•High strength hanger bars can easily be nailed to joists.
•Suitable for T-grid and drop ceiling applications.
•See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4” knockouts, Seven 1/2” trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 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 easily aligning the housings with the joists.

Electrical: High Efficiency driver with a power factor > 0.9.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Listings: UL Listed (US and Canada) for Damp Location and for Wet Location with select trims. UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material. UL Listed (US and Canada) for Feed Through.

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