ELCO Lighting

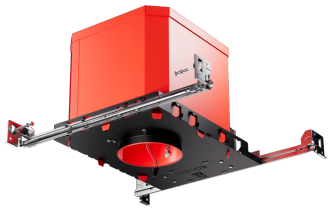
Project Name:

Fixture Type:

Date:

3″ NEW CONSTRUCTION 2-HOUR FIRE RATED IC AIRTIGHT HOUSING

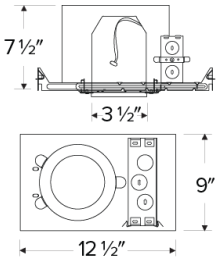
Housing



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	10.5W
Voltage	120V · 120-277V
Dimming	Triac/ELV · 0-10V/Triac/ELV

Item page
elcolighting.com/items/3-new-construction-2-hour-fire-rated-ic-airtight-housing-0
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ Architectural Koto™

↓ Dimmer compatibility list

elcolighting.com · Koto™ Architectural Housings Dimmer List

PRODUCT NUMBER BUILDER

Specify **3″ New Construction 2-Hour Fire Rated IC Airtight Housing** item number (Select one) Example: **ELK72FICA** Your item number:

ITEM	VOLTAGE	DIMMING
ELK		
	72F 120V **73F** 120-277V	**ICA** Triac/ELV **ICAD** 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:

- 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

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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:

- Driver is rated for 120V and 277V input (120/277V).
- 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 for Damp Location and for Wet Location with select trims. UL Listed for Direct Contact with Insulation and Combustible Material. UL Listed for Feed Through.

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