ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ KOTO™ ARCHITECTURAL SHALLOW MAXIMUM ADJUSTABILITY IC AIRTIGHT HOUSING

Housing · 4 1/8″

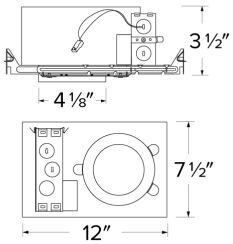


Koto™ Architectural Housing: 120/277V (0-10V/Triac/ELV) or 120V (Triac/ELV), and ICALWN (Lutron Athena Wireless Node) with optional Emergency Battery Backup. Must be used with Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 Series).

FEATURES

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- MAX. 35° adjustability with adjustable trim.
- Integrated collar allows for use with ⅝" thick to 1 ½" thick ceilings
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 Series).
- With ELK19 1,000 lm · ELK21 1,300 lm · ELK24 1,500 lm.

DIMENSIONS



SPECIFICATIONS

Wattage	14.7W
Voltage	120V (14.7W) · 120-277V (14.7W) · 120V · 120-277V
Dimming	Triac/ELV · 0-10V/Triac/ELV · DALI 2
Lamp type	LED
Power factor	>0.95
Aperture	4 1/8"
Component style	35° Adjustability with adjustable trim
Emergency option	Emergency Battery Backup

Item page
elcolighting.com/items/4-koto-architectural-shallow-maximum-adjustability-ic-airtight-housing
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

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PRODUCT NUMBER BUILDER

Specify **4" Koto™ Architectural Shallow Maximum Adjustability IC Airtight Housing** item number (Select one) Example: **E4LK98ICA** Your item number:

ITEM	VOLTAGE	DIMMING
E4LK	**98** 120V (14.7W)[1] **99** 120-277V (14.7W)[2]	**ICA** Triac/ELV **ICAD** 0-10V/Triac/ELV[3] DALI 2

No separate code: Voltage: 120V, 120-277V

[1] Available as 120V, Triac/ELV only [2] Available as 120/277V, 0-10V/Triac/ELV only [3] 1% Dimming

TECHNICAL DETAILS

Construction: Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1100 lumens. 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 2x6 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. Emergency Battery Back-up Option requires access from above. For use with ELCO Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 Series).

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: Driver is rated for 120V and 277V input (120/277V). High Efficiency driver with a power factor > 0.95.

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.

Dimmability: 3-in-1 Dimming: Triac, ELV and 0-10V dimming in one driver. 0-10V Dimming down to 1% with a compatible dimmer. ICALWN - Lutron Athena Wireless Node. Can be specified with Lutron drivers for 0.1% and 1% dimming. For a full list of dimmers refer to the Dimmer Compatibility List.

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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