

# 2" Koto™ Architectural Maximum Adjustability High Lumen IC Airtight Housing



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 (ELK21 and ELK24 Series). Lumen output based on module.

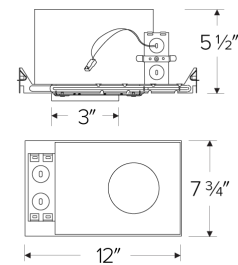
## Features

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- MAX. 35° adjustability.
- 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 (ELK21 and ELK24 Series).
- Optional Accessory: [2" Koto™ Housing Ceiling Extension Collar](#)

## Specifications

|                      |                                |
|----------------------|--------------------------------|
| <b>Wattage</b>       | 18.9W                          |
| <b>Lumens</b>        | 1650 (ELK21) - 1950 (ELK24) lm |
| <b>Voltage</b>       | 120/277V                       |
| <b>Dimmable</b>      | 0-10V/Triac/ELV (1% Dimming)   |
| <b>Lamp Type</b>     | LED                            |
| <b>Power Factor</b>  | ≥0.95                          |
| <b>Damp Location</b> | Listed                         |

## Dimensions



## Technical Details

**Construction:** Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1500 lumens. Housing accommodates up to 5/8" 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 (ELK21 and 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:** cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through.

## Product Number

| Item       | Description                              | Lamp type | Lumens                         | Watts | Voltage  | Dimming                      |
|------------|--|-----------|--------------------------------|-------|----------|------------------------------|
| E2LK95ICAD | High Lumen Maximum Adjustability Housing | LED       | 1650 (ELK21) - 1950 (ELK24) lm | 18.9W | 120/277V | 0-10V/Triac/ELV (1% Dimming) |

# Product Number Builder

Example: **E2LK41ICA**

Koto™ Architectural High Lumen Housing

Voltage (Wattage)

Dimming

**E2LK**

**41** 120V (15.7W) <sup>1</sup>

**42** 120/277V (15.7W) <sup>2</sup>

**94** 120V (18.9W) <sup>1</sup>

**95** 120/277V (18.9W) <sup>2</sup>

**ICA** Triac/ELV

**ICAD** 0-10V/Triac/ELV <sup>3</sup>

**ICALWN** Lutron Athena Wireless

<sup>1</sup> Available as 120V, Triac/ELV only

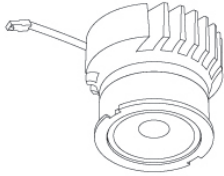
<sup>2</sup> Available as 120/277V, 0-10V/Triac/ELV only

<sup>3</sup> 1% Dimming

# Compatible Products

For use with Dedicated 2" Koto Architectural ICA LED Housings

## Koto™ Architectural LED Light Engine



**Koto™ LED Light Engine**  
ELK21 & ELK24

| PRODUCT NUMBER BUILDER |                    |                   |                                       |
|------------------------|--------------------|-------------------|---------------------------------------|
| Koto™ LED Light Engine | Lumens             | Color Temperature | Beam Angle                            |
| ELK                    |                    |                   |                                       |
|                        | 21 1100 - 1500 lm* | 27D 2700K         | (blank) 38° lens (Standard)           |
|                        | 24 1100 - 1800 lm* | 30D 3000K         | -S 18° lens                           |
|                        |                    | 35D 3500K         | -N 25° lens                           |
|                        |                    | 40D 4000K         | -W 60° lens                           |
|                        |                    |                   | -FC 18° - 50° Adjustable (ELK21 Only) |

*\*Wattage based on housing.*

### ACCESSORIES



#### Lens

- EP731C 18° Lens
- EP732C 25° Lens
- EP733C 38° Lens
- EP734C 60° Lens

*\*EP732C, EP733C, EP734C Included*



#### Snoot

- L50W White
- L50B Black



#### Secondary Optics

- L45 Hex Louver
- L46 Linear Lens
- L47 Spread Louver
- L49 Frosted Lens
- L51 Color Shifter

## 2" Pex™ Twist-On Trims



**Round Deep Reflector**

ELK2818  
Finishes:  
(W, B, H, BB, BZ)



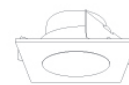
**Round Adjustable Reflector**

ELK2829  
Finishes:  
(W, B, H, BB, BZ)



**Round Adjustable Pinhole**

ELK2827  
Finishes:  
(W, B, BB, BZ)



**Square Deep Reflector**

ELK2518  
Finishes:  
(W, B, BB)



**Square Adjustable Reflector**

ELK2529  
Finishes:  
(W, B, BB)



**Square Reflector**

ELK2541  
Finishes:  
(W, B, BB)



**Square Adjustable Pinhole**

ELK2527  
Finishes:  
(W, B, BB)



**Round Gimbal**

ELK2888  
Finishes:  
(W, B, BZ)



**Square Gimbal**

ELK2588  
Finishes:  
(W, BZ)

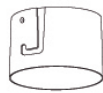
## 2" Pex™ Trimless

*Only for use with E2LK41ICA, E2LK42ICAD, E2LK94ICA & E2LK95ICAD Housings*



**Spackle Frame**

EL2SFR



**Adjustable Trimless Reflector**

ELK215  
Finishes:  
(W, B)

\*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze,  
**B** - Black Reflector w/White Ring, **H** - Haze Reflector w/White Ring