

# 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.

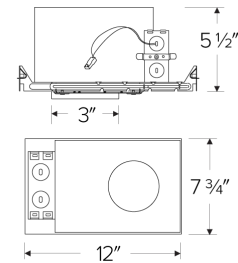
## Features

- 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>       | 15.7W - 18.9W                                   |
| <b>Lumens</b>        | 21 lm - 1950 lm                                 |
| <b>Voltage</b>       | 120/277V or 120V                                |
| <b>Dimmable</b>      | Triac/ELV, 0-10V/Triac/ELV (1% Dimming), DALI 2 |
| <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 3/8" 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 Numbers

| Item                | Description                              | Lamp type | Lumens                         | Watts | Voltage  | Dimming                      |
|---------------------|------------------------------------------|-----------|--------------------------------|-------|----------|------------------------------|
| <b>E2LK41ICA</b>    | Maximum Adjustability Housing            | LED       | 1450 (ELK21) - 1750 (ELK24) lm | 15.7W | 120V     | Triac/ELV                    |
| <b>E2LK42ICAD</b>   | Maximum Adjustability Housing            | LED       | 1450 (ELK21) - 1750 (ELK24) lm | 15.7W | 120/277V | 0-10V/Triac/ELV (1% Dimming) |
| <b>E2LK42ICADAL</b> | Maximum Adjustability Housing            | LED       | 1450 (ELK21) - 1750 (ELK24) lm | 15.7W | 120/277V | DALI 2                       |
| <b>E2LK94ICA</b>    | High Lumen Maximum Adjustability Housing | LED       | 1650 (ELK21) - 1950 (ELK24) lm | 18.9W | 120V     | Triac/ELV                    |
| <b>E2LK95ICAD</b>   | High Lumen Maximum Adjustability Housing | LED       | 1650 (ELK21) - 1950 (ELK24) lm | 18.9W | 120/277V | 0-10V/Triac/ELV (1% Dimming) |
| <b>E2LK95ICADAL</b> | High Lumen Maximum Adjustability Housing | LED       | 1650 (ELK21) - 1950 (ELK24) lm | 18.9W | 120/277V | DALI 2                       |

Product Number Builder

Example: E2LK41ICA

| Koto™ Architectural High Lumen Housing | Voltage (Wattage)                                                                                                                                                                                           | Dimming                                                                                                                                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| E2LK                                   | <div><div>41</div>120V (15.7W)<sup>1</sup></div> <div><div>42</div>120/277V (15.7W)<sup>2</sup></div> <div><div>94</div>120V (18.9W)<sup>1</sup></div> <div><div>95</div>120/277V (18.9W)<sup>2</sup></div> | <div><div>ICA</div>Triac/ELV</div> <div><div>ICAD</div>0-10V/Triac/ELV<sup>3</sup></div> <div><div>ICALWN</div>Lutron Athena Wireless</div> |

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

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

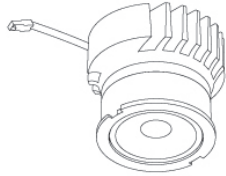
<sup>3</sup> 1% Dimming

# 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