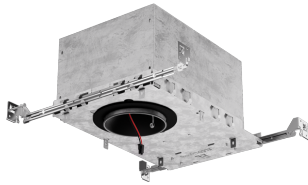


# 3" Koto™ Architectural Maximum Adjustability High Lumen IC Airtight Housing



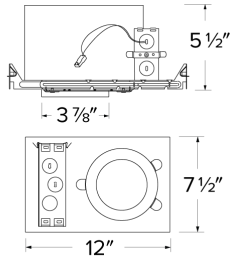
Koto™ Architectural Housing: 120/277V (0-10V/Triac/ELV) or 120V (Triac/ELV), and ICALWN (Lutron Athena Wireless Node) with optional Emergency Battery Backup. Must be used with Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series). Lumen output based on module.

| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Specifications                                                                                                                                                                                                                                                                                                                                                                                           |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------------|--------------------------------|----------------|------|-----------------|-----------|------------------|-----|---------------------|-------|----------------------|--------|
| <ul style="list-style-type: none"> <li>• IC Airtight for direct contact with insulation.</li> <li>• Easy-to-Remove driver.</li> <li>• Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.</li> <li>• MAX. 35° adjustability.</li> <li>• Flicker-Free Dimming.</li> <li>• USA designed and assembled.</li> <li>• Integrated collar allows for use with 5⁄8" thick to 1 1⁄2" thick ceilings</li> <li>• Limited 5 year warranty.</li> <li>• For use with ELCO Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series).</li> </ul> | <table> <tr> <td><b>Wattage</b></td><td>18.9W</td></tr> <tr> <td><b>Lumens</b></td><td>1650 (ELK21) - 1950 (ELK24) lm</td></tr> <tr> <td><b>Voltage</b></td><td>120V</td></tr> <tr> <td><b>Dimmable</b></td><td>Triac/ELV</td></tr> <tr> <td><b>Lamp Type</b></td><td>LED</td></tr> <tr> <td><b>Power Factor</b></td><td>≥0.95</td></tr> <tr> <td><b>Damp Location</b></td><td>Listed</td></tr> </table> | <b>Wattage</b> | 18.9W | <b>Lumens</b> | 1650 (ELK21) - 1950 (ELK24) lm | <b>Voltage</b> | 120V | <b>Dimmable</b> | Triac/ELV | <b>Lamp Type</b> | LED | <b>Power Factor</b> | ≥0.95 | <b>Damp Location</b> | Listed |
| <b>Wattage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18.9W                                                                                                                                                                                                                                                                                                                                                                                                    |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Lumens</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1650 (ELK21) - 1950 (ELK24) lm                                                                                                                                                                                                                                                                                                                                                                           |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 120V                                                                                                                                                                                                                                                                                                                                                                                                     |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Dimmable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Triac/ELV                                                                                                                                                                                                                                                                                                                                                                                                |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Lamp Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LED                                                                                                                                                                                                                                                                                                                                                                                                      |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Power Factor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ≥0.95                                                                                                                                                                                                                                                                                                                                                                                                    |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |
| <b>Damp Location</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Listed                                                                                                                                                                                                                                                                                                                                                                                                   |                |       |               |                                |                |      |                 |           |                  |     |                     |       |                      |        |

## 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 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 (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:** 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.

## Dimensions



## Product Number

| Item      | Description                              | Lamp type | Lumens                         | Watts | Voltage | Dimming   |
|-----------|------------------------------------------|-----------|--------------------------------|-------|---------|-----------|
| E3LK84ICA | High Lumen Maximum Adjustability Housing | LED       | 1650 (ELK21) - 1950 (ELK24) lm | 18.9W | 120V    | Triac/ELV |

Product Number Builder

Example: E3LK53ICA

| Koto™ Architectural Housing | Voltage (Wattage)                                                                                                                                                       | Dimming                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E3LK                        | <div><div>53</div>120V (15.7W)<sup>1</sup><div>54</div>120/277V (15.7W)<sup>2</sup><div>84</div>120V (18.9W)<sup>1</sup><div>85</div>120/277V (18.9W)<sup>2</sup></div> | <div><div>ICA</div>Triac/ELV<div>ICAD</div>0-10V/Triac/ELV<sup>3</sup><div>ICAD-L</div>0-10V/Triac/ELV<sup>3</sup><div>ICADAL</div>DALI2<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

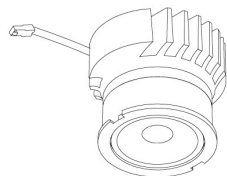
<sup>3</sup> 1% Dimming

# Compatible Products

For use with Dedicated 3" 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 <sup>1</sup> | 27D 2700K         | (blank) 38° lens (Standard)           |
| 24                     | 1100 - 1800 lm <sup>1</sup> | 30D 3000K         | -S 18° lens                           |
|                        |                             | 35D 3500K         | -N 25° lens                           |
|                        |                             | 40D 4000K         | -W 60° lens                           |
|                        |                             |                   | -FC 18° - 50° Adjustable (ELK21 Only) |

<sup>1</sup>Wattage based on housing.

### ACCESSORIES



#### Lens

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

<sup>\*</sup>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

## 3" Pex™ Twist-&-Lock Trims



### Deep Reflector

**ELK3618**

Finishes:

(W, BB, BZ, B, C, H)



### Adjustable Gimbal

**ELK3629**

Finishes:

(W, BB, BZ, B, C, H)



### Adjustable Pinhole

**ELK3627**

Finishes:

(B, BB, BZ)



### Adjustable Baffle

**ELK3693**

Finishes:

(W)



### Slot Aperture

**ELK3620**

Finishes:

(W)

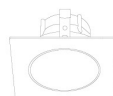


### Adj. Reflector Wall Wash

**ELK3622**

Finishes:

(W)



### Sq. Deep Reflector

**ELK3318**

Finishes:

(W, BB, BZ, B, C, H)



### Sq. Adjustable Gimbal

**ELK3329**

Finishes:

(W, BB, BZ, B, C, H)

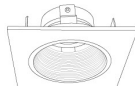


### Sq. Adjustable Wall Wash

**ELK3322**

Finishes:

(W)



### Sq. Adjustable Baffle

**ELK3393**

Finishes:

(W)



### Sq. Adjustable Pinhole

**ELK3327**

Finishes:

(B, BB, BZ)

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



Must be used  
with Maximum  
Adjustability Housing