

# 4" IC Airtight Remodel Housing for Architectural Koto™ LED Engine



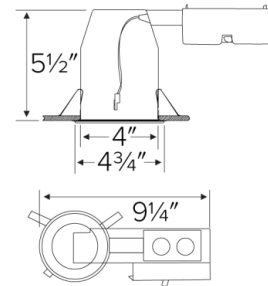
## Features

- IC Airtight for direct contact with insulation.
- Koto™ Architectural Housing: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.
- Must be used with Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).
- Lumen output based on module

## Specifications

|                 |   |
|-----------------|---|
| <b>Wattage</b>  | 11.8W                                       |
| <b>Lumens</b>   | 750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm |
| <b>Voltage</b>  | 120/277V or 120V                            |
| <b>Dimmable</b> | Triac/ELV, 0-10V/Triac/ELV                  |

## Dimensions



## Technical Details

**Lamp:** Designed for use with ELCO Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).

### Construction:

- Single Wall IC Rated for direct contact with insulation, for use in IC or 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.
- Steel housing for greater heat dissipation. Stamped galvanized steel frame.

**Installation:** Designed for ceiling plenums where 2x6 joists or taller joists are used. Maximum hole cutout is 4 1/4". See installation sheet for detailed information.

**Junction Box:** Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts. Pry-out knockout slots. 4 Romex pryouts with strain relief.

### Electrical:

- Input Voltage: 120V .
- Inherently protected.

### Dimmability:

- Dimmability based on lamp.

### Listings:

- cUL Listed for Damp Location.
- cUL Listed for Wet Location with select trims.
- cUL Listed for Feed Through.
- cUL Listed for Direct Contact with Insulation and Combustible Material.
- Airtight per ASTM E-283.
- Install a JA8-2016-E lamp/luminaire for Title 24 Compliance.

**Warranty:** ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 3 years.

## Product Numbers

| Item        | Description | Lumens                                      | Watts | Voltage  | Dimming         |
|-------------|-------------|---|-------|----------|-----------------|
| E4LK87RICA  | Remodel     | 750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm | 11.8W | 120V     | Triac/ELV       |
|             |             | 750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm |       |          |                 |
| E4LK88RICAD | Remodel     | 750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm | 11.8W | 120/277V | 0-10V/Triac/ELV |

# Product Number Builder

Example: **E4LK87RICA**

4" Koto™ Standard ICA Remodel Housing

Voltage

Dimming

**E4LK**

**87** 120V <sup>1</sup>

**88** 120/277V <sup>2</sup>

**RICA** Triac/ELV

**RICAD** 0-10V/Triac/ELV

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

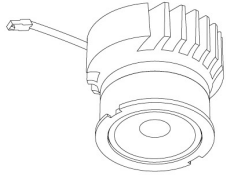
<sup>2</sup> Available as 120/277V, 0-10V/Triac/ELV only

# Compatible Products

For use with Dedicated 4" Architectural ICA LED Housings



## Koto™ Architectural LED Light Engine



**Koto™ LED Light Engine**  
ELK19 - ELK21

| PRODUCT NUMBER BUILDER |                             |                                |                                       |
|------------------------|-----------------------------|--------------------------------|---------------------------------------|
| Koto™ LED Light Engine | Lumens                      | Color Temperature              | Beam Angle                            |
| ELK                    |                             |                                |                                       |
| 19                     | 750 - 850 lm <sup>1</sup>   | 27D 2700K                      | (blank) 38° lens (Standard)           |
| 21                     | 1100 - 1500 lm <sup>1</sup> | 30D 3000K                      | -S 18° lens                           |
| 24                     | 1100 - 1800 lm <sup>1</sup> | 35D 3500K                      | -N 25° lens                           |
|                        |                             | 40D 4000K                      | -W 60° lens                           |
|                        |                             | SD Sunset Dimming (ELK19 Only) | -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

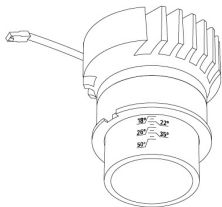
|      |       |
|------|-------|
| L50W | White |
| L50B | Black |



#### Secondary Optics

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

## Koto™ FOCUS Architectural LED Light Engine

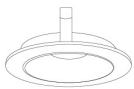


**Koto™ FOCUS LED Light Engine**

| PRODUCT NUMBER BUILDER       |                |                   |                                |
|------------------------------|----------------|-------------------|--------------------------------|
| Koto™ FOCUS LED Light Engine | Lumens         | Color Temperature | Beam Angle                     |
| ELK                          |                |                   |                                |
| 21                           | 1100 - 1500 lm | 27D 2700K         | -FC 18° - 50° Adjustable Focus |
|                              |                | 30D 3000K         |                                |
|                              |                | 35D 3500K         |                                |
|                              |                | 40D 4000K         |                                |

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

## 4" Pex™ Twist-On Trims



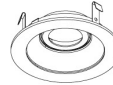
**Shallow Reflector**

ELK4116  
Finishes:  
(W, H)



**Reflector**

ELK4118  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Gimbal**

ELK4129  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Pinhole**

ELK4127  
Finishes:  
(W, B, BB, BZ, N, CP)



**Adjustable Baffle**

ELK4193  
Finishes:  
(W, BB, B)



**Rotatable Slot Aperture**

ELK4120  
Finishes:  
(W)



**Slot Aperture**

ELK4130  
Finishes:  
(W)



**Adjustable Spot**

ELK4188  
Finishes:  
(W, B, BZ)

# Compatible Products



For use with Dedicated 4" Architectural ICA LED Housings & ALO™ Box

## 4" Pex™ Twist-On Trims



**Shallow Reflector**

**ELK4216**

Finishes:

(W, H)



**Reflector**

**ELK4218**

Finishes:

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



**Adjustable Gimbal**

**ELK4229**

Finishes:

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

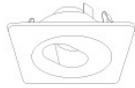


**Adjustable Pinhole**

**ELK4227**

Finishes:

(W, B, BB, BZ, N)



**Adjustable Slot Rotatable**

**ELK4220**

Finishes:

(W)

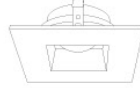


**Adjustable Phenolic Baffle**

**ELK4293**

Finishes:

(W, BB, B)

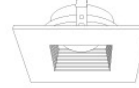


**Adjustable Reflector**

**ELK4282**

Finishes:

(W, BZ)



**Adjustable Baffle**

**ELK4284**

Finishes:

(W, B, 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

## 4" Flexa™ Twist-On Trims



**Round Reflector**

**ELK4721**

Finishes:

(WW, BB, BZBZ, BW, CC, CW, HW, CN)

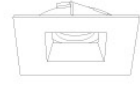


**Round Baffle**

**ELK4723**

Finishes:

(WW, BB, BZBZ, BW)



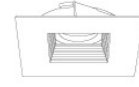
**Square Reflector**

**ELK4741**

Finishes:

(WW, BB, BZBZ, BW, HW)

*\*Not for Remodel Housing*



**Square Baffle**

**ELK4743**

Finishes:

(WW, BB, BZBZ, BW)

*\*Not for Remodel Housing*



**Adjustable Sq. Reflector**

**ELK4759**

Finishes:

(WW, BB, B, H)

\*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