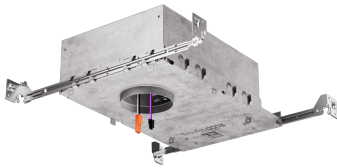


# 2" 0-10V Shallow MAX. Adjustability IC Airtight New Construction Housing



2" New Construction LED Housing compatible with 0-10V LED Koto™ Module.

## Features

- Wired for 0-10V Dimming
- 120/277V Input
- Double Wall IC Airtight for direct contact with Insulation
- Meets restricted air flow requirements (per ASTM E-283)
- cUL Listed for direct contact with Insulation
- cUL Listed for Damp Locations
- cUL Listed for Wet Location with Wet Location Rated Inserts
- cUL Listed for Feed Through
- CA Title 24 Compliant
- Optional Accesory: [2" Koto™ Housing Ceiling Extension Collar](#)

## Specifications

|          |                 |
|----------|-----------------|
| Voltage  | 120/277V        |
| Dimmable | 0-10V/Triac/ELV |

## Dimensions



## Technical Details

### Construction:

- IC rated for direct contact with insulation, for use in IC or Non-IC conditions.
- Housing accommodates up to 3/8" 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. High strength swivel hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. 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 with pry-out knockout slots. 4 Romex pryouts with strain relief.

**Hanger Bars:** Pre-installed swivel hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 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 aligning the housings with the joists.

**Electrical:** Input Voltage: 120-277V.

**Dimmability:** Dimmability based on lamp.

**Lamp:** Designed for use with ELCO 2" Pex™ Twist-On Trims and 0-10V Koto™ LED module

### Listings:

- cULus Listed for US and Canada.
- 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 for Title 24 Compliance.

**Warranty:** ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

## Product Numbers

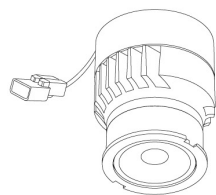
| Item       | Description                        | Voltage  | Dimming         |
|------------|------------------------------------|----------|-----------------|
| EL250ICDXA | Shallow MAX. Adjustability Housing | 120/277V | 0-10V/Triac/ELV |

# Compatible Products

For use with Dedicated 2" 0-10V Koto ICAD LED Housings



## 0-10V Koto™ LED Module



0-10V Koto™  
LED Module  
ELK10DX

| PRODUCT NUMBER BUILDER    |            |             |                      |                             |
|---------------------------|------------|-------------|----------------------|-----------------------------|
| 0-10V Koto™<br>LED Module | Lumens     | Voltage     | Color<br>Temperature | Beam Angle                  |
| ELK                       |            |             |                      |                             |
|                           | 10 1000 lm | DX 120/277V | 27 2700K             | (blank) 38° lens (Standard) |
|                           |            |             | 30 3000K             | -S 18° lens                 |
|                           |            |             | 35 3500K             | -N 25° lens                 |
|                           |            |             | 40 4000K             | -W 60° lens                 |
|                           |            |             | SD Sunset<br>Dimming |                             |

### 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**

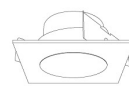
Finishes: (W, B, H, BB, BZ)



Round Adjustable Pinhole

**ELK2827**

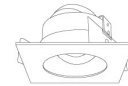
Finishes: (W, B, BB, BZ)



Square Deep Reflector

**ELK2518**

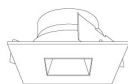
Finishes: (W, B, BB)



Square Adjustable Reflector

**ELK2529**

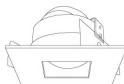
Finishes: (W, B, BB)



Square Reflector

**ELK2541**

Finishes: (W, B, BB)



Square Adjustable Pinhole

**ELK2527**

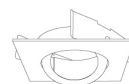
Finishes: (W, B, BB)



Round Gimbal

**ELK2888**

Finishes: (W, B, BZ)

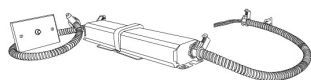


Square Gimbal

**ELK2588**

Finishes: (W, BZ)

## 2" Accessories



Emergency Battery Backup

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| KEM-LD5 | 8W, 120/277V   |

\* Requires access from above



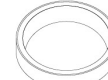
Fire Cover

| CAT NO. | SPECIFICATIONS      |
|---------|---------------------|
| FIRECVR | 9 3/4" H x 17" O.D. |



Fire Enclosure

| CAT NO.    | SPECIFICATIONS             |
|------------|----------------------------|
| FIREENCL   | 20 3/8" L x 14 3/8" W      |
| FIREENCL-S | Shallow, 16" L x 14 3/8" W |



Mica Fire Tape

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| FIRETAPE | 3/4" W x 16' L |