

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



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

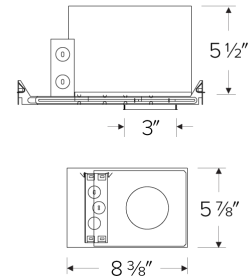
Features

- 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 Accessory: [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.

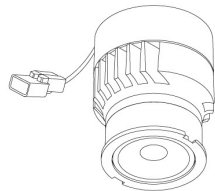
Product Numbers

| Item | Voltage | Dimming |
|-------------------|----------|-----------------|
| EL276ICDXA | 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™ LED Module | Lumens | Voltage | Color 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 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

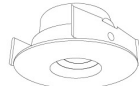
Finishes: (W, B, H, BB, BZ)



Round Adjustable Reflector

ELK2829

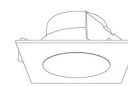
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Round Adjustable Pinhole

ELK2827

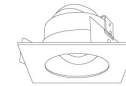
Finishes: (W, B, BB, BZ)



Square Deep Reflector

ELK2518

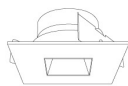
Finishes: (W, B, BB)



Square Adjustable Reflector

ELK2529

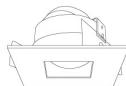
Finishes: (W, B, BB)



Square Reflector

ELK2541

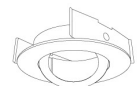
Finishes: (W, B, BB)



Square Adjustable Pinhole

ELK2527

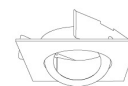
Finishes: (W, B, BB)



Round Gimbal

ELK2888

Finishes: (W, B, BZ)

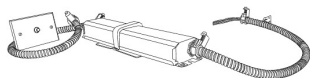


Square Gimbal

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 |