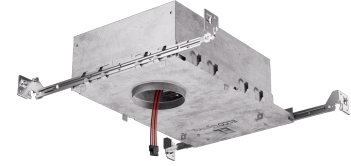Project name: _____

Fixture type: _____

Date: _____

# 2″ Tunable White Koto™ IC Airtight Housing

120/277V AC/50-60Hz. Must be used with Tunable White Koto™ LED Light Engines (ELK19TWD Series).
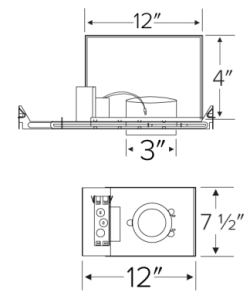
## Features

- IC Airtight for direct contact with insulation.
- 120/277V AC/50-60Hz universal input voltage
- Smooth, flicker-free dimming and CCT tuning
- Dimmable to 0.1%, dim to dark
- E21KT10 (1000 lm, 14W) 4″ Height
- E21KT12 (1250 lm, 18.3W) 5½″ Height
- Damp location rated and wet location rated for wet location trims
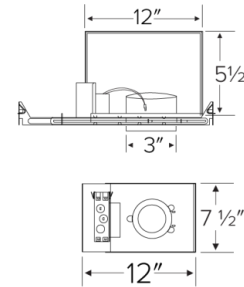- Optional Accesory: 2″ Koto™ Housing Ceiling Extension Collar

## Specifications

| | |
|---|---|
| **Wattage** | 14W |
| **Lumens** | 1000 lm |
| **Voltage** | 120/277V AC |
| **Dimmable** | 0-10V |
| **Lamp Type** | LED |
| **Wet Location** | Rated for wet location trims |
| **Damp Location** | Rated |

## E21KT10ICA Dimensions



## E21KT12ICA Dimensions



## Technical Details

**Construction**: Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1100 lumens. Housing adjusts in the 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 the installation sheet for detailed information. For use with ELCO Tunable White Koto™ LED Light Engines (ELK19TWD Series)

**Junction Box:** Positioned to accommodate straight conduit runs. Two 3/4" knockouts, Seven 1/2" trade size conduit knockouts, and 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 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 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.

**Driver Options:**

- Standard: Integrated dual-channel 0-10V Dimming, no control module required. Not compatible with control module ETW3 Series.

**Dimmability**: 0-10V dimming in one driver. 0-10V dimming down to 5% with a compatible dimmer. Can be specified with Lutron drivers for 0.1% and 1% dimming. For a full list of dimmers refer to the Dimmer Compatibility List.

## Product Number

| Item | Description | Lamp type | Lumens | Watts | Voltage | Dimming |
|---|---|---|---|---|---|---|
| **E21KT10ICAD** | IC Airtight Housing | LED | 1000 lm | 14W | 120/277V AC | 0-10V |

## Product Number Builder     Example: **E21KT10ICAD**

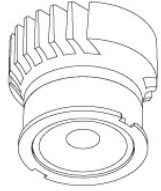| 2″ Tunable White Koto™ Shallow IC Airtight Housing | Lumens | IC Rated | Driver |
|---|---|---|---|
| **E21KT** | | | |
| | **10** 1000 (14W)<br>**12** 1250 (18.3) | **ICA** IC Airtight Housing | **D** Standard |

For use with Dedicated **2″ Tunable White Koto™ IC LED Housings**

## Koto™ LED Module

**Tunable White Koto™ LED Module**
**ELK19**

| PRODUCT NUMBER BUILDER | | |
|---|---|---|
| Koto™ LED Module | Color Temperature | Beam Angle |
| **ELK19** | | |
| | **TWD** 2700K - 5000K | **(blank)** 38° lens (Standard) |
| | **T41D** 1800K - 4000K | **-S** 18° lens |
| | **T62D** 2700K - 6500K | **-N** 25° lens |
| | | **-W** 60° lens |

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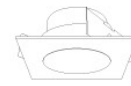Finishes: **(W, B, H, BB, BZ)**

**Round Adjustable Reflector**
ELK2829
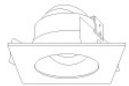Finishes: **(W, B, H, BB, BZ)**

**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
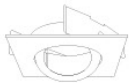Finishes: **(W, B, BB)**

**Square Adjustable Pinhole**
ELK2527
Finishes: **(W, B, BB)**

**Round Gimbal**
ELK2888
Finishes: **(W, B, BZ)**

**Square Gimbal**
ELK2588
Finishes: **(W, BZ)**

# Compatible Products

For use with Dedicated **2″ Tunable White Koto™ IC LED Housings**

**ELCO** Lighting

## **2″** Accessories

........................................................................................................

**Emergency Battery Backup**

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

\* Requires access from above

**Fire Cover**

| CAT NO. | SPECIFICATIONS |
| --- | --- |
| FIRECVR | 9 ¾″ H x 17″ O.D. |

**Fire Enclosure**

| CAT NO. | SPECIFICATIONS |
| --- | --- |
| FIREENCL | 20 ⅜″ L x 14 ⅜″ W |
| FIREENCL-S | Shallow, 16″ L x 14 ⅜″ W |

**Mica Fire Tape**

| CAT NO. | SPECIFICATIONS |
| --- | --- |
| FIRETAPE | ¾″ W x 16′ L |