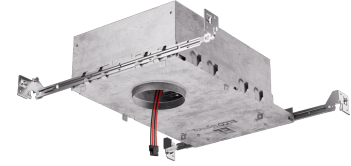# EL ELCO Lighting

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
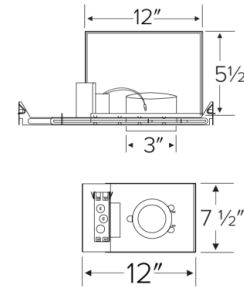- Optional Accesory: 2″ Koto™ Housing Ceiling Extension Collar

Specifications

Wattage	14W - 18.3W
Lumens	1000 lm - 1250 lm
Voltage	120/277V AC
Dimmable	0-10V
Lamp Type	LED
Wet Location	Rated for wet location trims
Damp Location	Rated

E21KT10ICA Dimensions
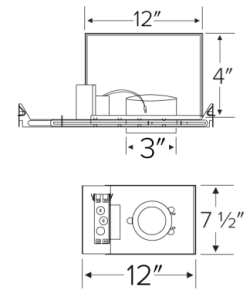
E21KT12ICA Dimensions

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 Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E21KT10ICAD	IC Airtight Housing	LED	1000 lm	14W	120/277V AC	0-10V
E21KT12ICAD	IC Airtight Housing	LED	1250 lm	18.3W	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)	**ICA** IC Airtight Housing	**D** Standard
	12 1250 (18.3)		

Compatible Products

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

ELCO Lighting

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)**
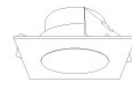

Round Adjustable Reflector
ELK2829
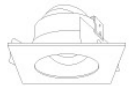Finishes: **(W, B, H, BB, BZ)**

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)**
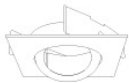

Square Adjustable Pinhole
ELK2527
Finishes: **(W, B, BB)**

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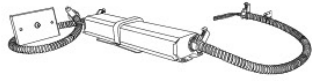Finishes: **(W, B, BZ)**

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

Compatible Products

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

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