ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ TUNABLE WHITE KOTO™ IC AIRTIGHT HOUSING



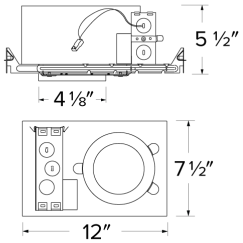
Housing

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
- Dims down to 1% with a compatible dimmer
- E45KT10 (1000 lm, 14W)
- E45KT12 (1250 lm, 18.3W)
- Control Modules Ordered Separately
- Damp location rated and wet location rated for wet location trims

DIMENSIONS



SPECIFICATIONS

Wattage	14 · 18.3 W
Lumens	1000 (14W) · 1250 (18.3W)
Voltage	120-277V AC
Dimming	0-10V
Lamp type	LED
Housing type	IC Airtight
Driver	Dual 0-10V · eldoLED · Control Ready · AmbienTech

Item page
elcolighting.com/items/4-tunable-white-koto-ic-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Tunable White Koto™

PRODUCT NUMBER BUILDER

Specify **4″ Tunable White Koto™ IC Airtight Housing** item number (Select one) Example: **E45KT10ICAD** Your item number:

ITEM	LUMENS	HOUSING TYPE	DRIVER
E45KT	**10** 1000 (14W) **12** 1250 (18.3W)	**ICA** IC Airtight	**D** Dual 0-10V **ED** eldoLED **C** Control Ready **A** AmbienTech

No separate code: Lumens: 1000 lm, 1250 lm

TECHNICAL DETAILS

Construction: Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1250 lumens. 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.

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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 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, 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 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
- eldoLED: Integrated dual channel 0-10V Dimming, no control module required
- Control Ready: For use with control module options, ethernet cables and connectors purchased separately
- Lutron: Integrated dual channel 0-10V Dimming, no control module required
- AmbienTech: Includes control module, compatible with AmbienTech ecosystem only

Dimmability: Dual Channel 0-10V dimming. 0-10V dimming down to 1% with a compatible dimmer. For a full list of dimmers refer to the Dimmer Compatibility List.

Warranty: ELCO Products are built to last. 5-year Limited warranty

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