3″ Tunable White Koto™ IC Airtight Housing

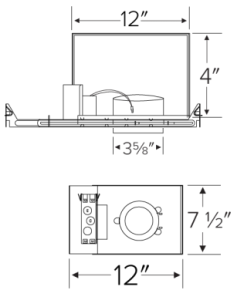120/277V AC/50-60Hz. Must be used with Tunable White Koto™ LED Light Engines (ELK19TWD Series).

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
- E35KT10 (1000 lm, 14W) 4″ Height
- E35KT12 (1250 lm, 18.3W) 5½″ Height
- Control Modules Ordered Separately
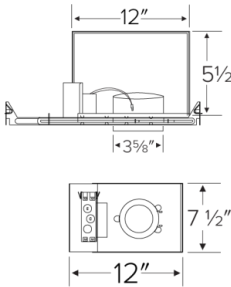- Damp location rated and wet location rated for wet location trims

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

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 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 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: 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.

E35KT10 Dimensions

E35KT12 Dimensions

Product Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E35KT10ICAD	IC Airtight Housing	LED	1000 lm	14W	120/277V AC	0-10V
E35KT12ICAD	IC Airtight Housing	LED	1250 lm	18.3W	120/277V AC	0-10V

Product Number Builder   Example: **E35KT10ICAD**

3″ Tunable White Koto™ IC Airtight Housing	Lumens	IC Rated	Driver
E35KT			

Lumens
10 1000 (14W)
12 1250 (18.3)

IC Rated
ICA IC Airtight Housing

Driver
D Standard
ED eldoLED
C Control Ready
L Lutron
A AmbienTech

Compatible Products

amazon alexa   Google Assistant

Control Modules Features

- Requires control ready housing
- Seamless device commissioning
- Rules setting and supervision
- Data gathering on usage, locations, users, time of day
- Automation based on users and sensors
- Firmware updates over the air
- Customizable and integration-ready APIs
- Control module required per housing

Wireless Control Modules for Tunable White Koto™

CASAMBI — ETW3CS

- iOS app and Android app interface options
- Predictive Maintenance
- Ecosystem with sensors and switches, lamps and luminaires

SILVAIR (Technology Partner) — ETW3SL

- iOS app and web portal interface options
- Energy usage monitoring
- Ecosystem with sensors, switches

WiZ CONNECTED — ETW3WZ

- iOS app, Android app, and web portal interface options
- Predictive Maintenance
- Ecosystem with sensors and switches, lamps and luminaires

WISILICA — ETW3WS

- iOS app, Android app, and web portal interface options
- Energy usage monitoring
- Predictive Maintenance
- Ecosystem with sensors, switches, gateways

Wired Control Protocol for Tunable White Koto™

Wired control devices required

DALI 2 — ETW3DL

- DALI-2 DT8 certified
- Two-channel control of color temperature and intensity
- Commission and manage lighting fixtures via DALI2 DT8 certified controller

0-10V — ETW310V

- 0-10V Control Module is compatible with industry standard 0-10V, 1-10V current sourcing or current sinking wired control devices. The Control Module provides for two-channel control of color temperature and intensity
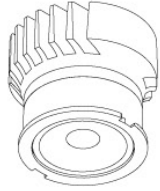
Requires Control Ready Housing Option. One Control module required per housing
*Control Modules Order Separately

Compatible Products

ELCO Lighting

For use with Dedicated **3" 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

3" Pex™ Twist-On Trims

Deep Reflector
ELK3618
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)

Adj. Reflector Wall Wash
ELK3622
Finishes:
(W)

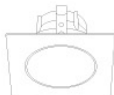**Adjustable Pinhole**
ELK3627
Finishes:
(B, BB, BZ)

Adjustable Baffle
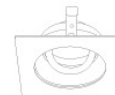ELK3693
Finishes:
(W)

Sq. Deep Reflector
ELK3318
Finishes:
(W, BB, BZ, B, C, H)

Sq. Adjustable Gimbal
ELK3329
Finishes:
(W, BB, BZ, B, C, H)

Sq. Adjustable Pinhole
ELK3327
Finishes:
(B, BB, BZ)

Sq. Adjustable Baffle
ELK3393
Finishes:
(W)

Square Reflector
ELK3341
Finishes:
(W, B, BB, BZ)

*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring

Compatible Products

For use with Dedicated **3" Tunable White Koto™ IC LED Housings**

EL **ELCO** Lighting

3" Pex™ Trimless

Spackle Frame

EL3SFR

Adjustable Trimless Reflector
ELK315
Finishes:
(W, B, H)

3" Knife Edge Wood Ceiling Trim · *For use with ELK315*

Round Adaptor with Mounting Clips
EL3WCR
Finishes:
(W, B)

Adjustable Trimless Reflector
ELK315
Finishes:
(W, B, H)

3" Flush Mount Trim Adaptors · *For use with ELK36 & ELK33 Trims*

Round Flush Mount
EL3FMR

Square Flush Mount
EL3FMS

3" 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