3" Koto™ Architectural Shallow Maximum Adjustability IC Airtight Housing

Koto™ Architectural Housing: 120/277V (0-10V/Triac/ELV) or 120V (Triac/ELV), and ICALWN (Lutron Athena Wireless Node) with optional Emergency Battery Backup. Must be used with Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 Series). Lumen output based on module.
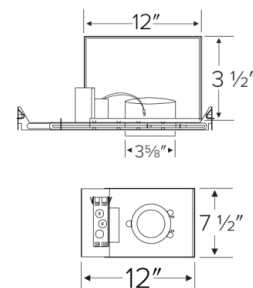
Features

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 Series).

Specifications

Wattage	14.7W
Lumens	850 (ELK19) - 1100 (ELK21) - 1500 (ELK24) lm
Voltage	120/277V
Dimmable	0-10V/Triac/ELV
Lamp Type	LED
Power Factor	≥0.95
Damp Location	Listed

Dimensions

12" 3 1/2" 3 5/8" 7 1/2" 12"

Technical Details

Construction: Single 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. Emergency Battery Back-up Option requires access from above. For use with ELCO Koto™ Architectural LED Light Engines (ELK19, ELK21, or ELK24 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.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Dimmability: 3-in-1 Dimming: Triac, ELV and 0-10V dimming in one driver. 0-10V Dimming down to 5% with a compatible dimmer. ICALWN - Lutron Athena Wireless Node. Can be specified with Lutron drivers for 0.1% and 1% dimming. For a full list of dimmers refer to the Dimmer Compatibility List.

Listings: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through.

Product Number

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E3LK77ICAD	Shallow Maximum Adjustability Housing	LED	850 (ELK19) - 1100 (ELK21) - 1500 (ELK24) lm	14.7W	120/277V	0-10V/Triac/ELV

Product Number Builder   Example: **E3LK76ICA**

Koto™ Architectural Housing	Voltage	Dimming
E3LK		

Voltage
76 120V [1]
77 120/277V [2]

Dimming
ICA   Triac/ELV
ICAD   0-10V/Triac/ELV
ICADAL   DALI 2
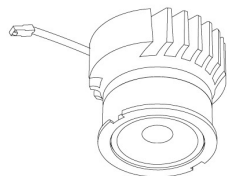**ICAWAN**   Lutron Athena Wireless

[1] Available as 120V, Triac/ELV only

[2] Available as 120/277V, 0-10V/Triac/ELV only

Compatible Products

For use with Dedicated 3" Architectural ICA LED Housings

EL ELCO Lighting

Koto™ Architectural LED Light Engine

Koto™ LED Light Engine
ELK21 & ELK24

PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens		Color Temperature		Beam Angle	
ELK						
	21	1100 - 1500 lm¹	27D	2700K	(blank)	38° lens (Standard)
	24	1100 - 1800 lm¹	30D	3000K	-S	18° lens
			35D	3500K	-N	25° lens
			40D	4000K	-W	60° lens
					-FC	18° - 50° Adjustable (ELK21 Only)

¹Wattage based on housing.

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-&-Lock Trims

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

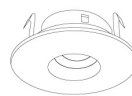**Adjustable Gimbal**
ELK3629
Finishes:
(W, BB, BZ, B, C, H)

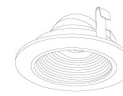**Adjustable Pinhole**
ELK3627
Finishes:
(B, BB, BZ)

Adjustable Baffle
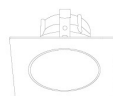ELK3693
Finishes:
(W)

Slot Aperture
ELK3620
Finishes:
(W)

Adj. Reflector Wall Wash
ELK3622
Finishes:
(W)

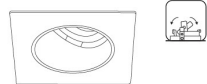**Sq. Deep Reflector**
ELK3318
Finishes:
(W, BB, BZ, B, C, H)

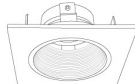**Sq. Adjustable Gimbal**
ELK3329
Finishes:
(W, BB, BZ, B, C, H)

Sq. Adjustable Wall Wash
ELK3322
Finishes:
(W)

Sq. Adjustable Baffle
ELK3393
Finishes:
(W)

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

Must be used with Maximum Adjustability Housing

*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

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