ELCO Lighting

Project name:

Fixture type:

Date:

3" Koto™ Architectural Shallow Maximum Adjustability IC Airtight Housing

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

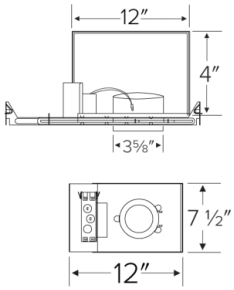
Features

- 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 or ELK21 Series).

Specifications

Wattage	14.7W
Lumens	1000 (ELK19) - 1200 (ELK21) lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, 0-10V/Triac/ELV
Lamp Type	LED
Power Factor	≥0.95
Damp Location	Listed

Dimensions



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 or ELK21 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. 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: UL Listed for Damp Location and for Wet Location with select trims. UL Listed for Direct Contact with Insulation and Combustible Material. UL Listed for Feed Through.

Product Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E3LK76ICA	Shallow Maximum Adjustability Housing	LED	1000 (ELK19) - 1200 (ELK21) lm	14.7W	120V	Triac/ELV
E3LK77ICAD	Shallow Maximum Adjustability Housing	LED	1000 (ELK19) - 1200 (ELK21) lm	14.7W	120/277V	0-10V/Triac/ELV

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Product Number Builder Example: **E3LK76ICA**

Koto™ Architectural Housing	Voltage	Dimming
E3LK		
	76 120V	**ICA** Triac/ELV
	77 120/277V	**ICAD** 0-10V/Triac/ELV

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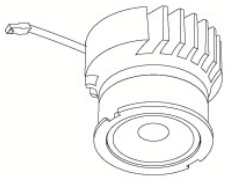
Compatible Products

For use with Dedicated **3" Architectural ICA LED Housings**

ELCO Lighting

Koto™ Architectural LED Light Engine



Koto™ LED Light Engine
ELK21

PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
	21 1100 - 1500 lm	**27D** 2700K	**(blank)** 38° lens (Standard)
		30D 3000K	**-S** 18° lens
		35D 3500K	**-N** 25° lens
		40D 4000K	**-W** 60° lens

ACCESSORIES

Lens

EP731C	18° Lens
EP732C	25° Lens
EP733C	38° Lens
EP734C	60° Lens

EP732C, EP733C, EP734C Included

Reflectors

EP735C	15°
EP736C	25°
EP737C	38°
EP738C	60°

Secondary Optics

L45	Hex Louver
L46	Linear Louver
L47	Spread Louver

3" Pex™ Twist-&-Lock Trims

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

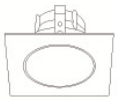
Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)

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

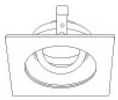
Adjustable Baffle
ELK3693
Finishes:
(W)

Slot Aperture
ELK3620
Finishes:
(W)

Adj. Reflector Wall Wash
ELK3622
Finishes:
(W)

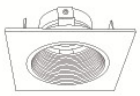


Sq. Deep Reflector
ELK3318
Finishes:
(W, BB, BZ, B, C, H)



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)

*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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