

4" Koto™ Architectural Maximum Adjustability High Lumen IC Airtight Housing



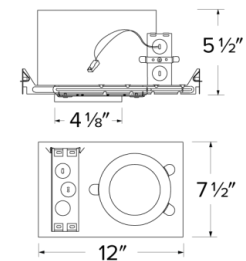
Koto™ Architectural High Lumen Housing: 120V (Triac/ELV) or 120/277V (0-10V/Triac/ELV) and ICALWN (Lutron Athena Wireless Node) with optional Emergency Battery Backup. Must be used with Koto™ Architectural LED Light Engines (ELK21 and ELK24 Series).

Features

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- MAX. 35° adjustability.
- Integrated collar allows for use with 5/8" thick to 1 1/2" thick ceilings
- 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 (ELK21 and ELK24 Series).

Specifications

Wattage	15.7W - 18.9W
Lumens	21 lm - 1950 lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, 0-10V/Triac/ELV (1% Dimming), DALI 2
Lamp Type	LED
Power Factor	≥0.95
Damp Location	Listed



Technical Details

Construction: Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1500 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 (ELK21 and 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.

Delivered Lumens: 2700K:1360 lm, 3000K:1430 lm, 3500K: 1510 lm, 4000K: 1690 lm

Electrical: Driver is rated for 120V and 277V input (120/277V). High Efficiency driver with a power factor > 0.95. Access from above required for EM option.

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 1% 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 Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E4LK471CA	4" Koto Architectural Housing	LED	1250 lm	15.7W	120V	Triac/ELV
E4LK481CAD	4" Koto Architectural Housing	LED	1250 lm	15.7W	120/277V	0-10V/Triac/ELV (1% Dimming)
E4LK481CADAL	4" Koto Architectural Housing	LED	1450 (ELK21) - 1750 (ELK24) lm	15.7W	120/277V	DALI 2
E4LK781CA	4" Koto Architectural High Lumen Housing	LED	1500 lm	18.9W	120V	Triac/ELV
E4LK791CAD	4" Koto Architectural High Lumen Housing	LED	1500 lm	18.9W	120/277V	0-10V/Triac/ELV (1% Dimming)
E4LK791CADAL	4" Koto Architectural High Lumen Housing	LED	1650 (ELK21) - 1950 (ELK24) lm	18.9W	120/277V	DALI 2

Product Number Builder

Example: E4LK47ICA

Koto™ Architectural Housing	Voltage	Dimming
E4LK	47 120V (15.7W)¹ 48 120/277V (15.7W)² 78 120V (18.9W)¹ 79 120/277V (18.9W)²	ICA Triac/ELV ICAD 0-10V/Triac/ELV³ ICALWN Lutron Athena Wireless

¹ Available as 120V, Triac/ELV only

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

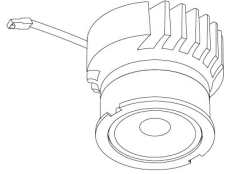
³ 1% Dimming

Compatible Products



For use with Dedicated 4" Architectural Maximum Adjustability ICA LED Housings

Koto™ Architectural LED Light Engine



Koto™ LED Light Engine
ELK19, ELK21 & ELK24

PRODUCT NUMBER BUILDER

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

*Wattage 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

4" Pex™ Twist-On Trims



Must be used with Maximum Adjustability Housing



Reflector

ELK4118

Finishes:

(W, BB, BZ, B, C, H)



Adjustable Gimbal

ELK4129

Finishes:

(W, BB, BZ, B, C, H)

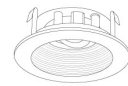


Adjustable Pinhole

ELK4127

Finishes:

(B, BB, BZ)



Adjustable Baffle

ELK4193

Finishes:

(W, BB, B)



Slot Aperture

ELK4130

Finishes:

(W)



Rotatable Slot Aperture

ELK4120

Finishes:

(W)



Adj. Wall Wash

ELK4122

Finishes:

(W)

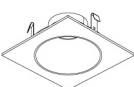


Adjustable Spot

ELK4188

Finishes:

(W, B, BZ)

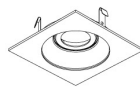


Reflector

ELK4218

Finishes:

(W, BB, BZ, B, C, H)



Adjustable Gimbal

ELK4229

Finishes:

(W, BB, BZ, B, C, H)

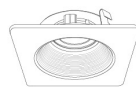


Adjustable Pinhole

ELK4227

Finishes:

(B, BB, BZ)



Adjustable Phenolic Baffle

ELK4293

Finishes:

(W, BB, B)



Adj. Slot Rotatable Aperture

ELK4220

Finishes:

(W)

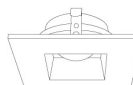


Adjustable Wall Wash

ELK4222

Finishes:

(W)

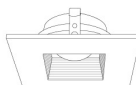


Adjustable Reflector

ELK4282

Finishes:

(W)



Adjustable Baffle

ELK4284

Finishes:

(W)

Compatible Products



For use with Dedicated 4" Architectural Maximum Adjustability ICA LED Housings

4" Pex™ Adjustable Trimless



Round Spackle Frame

EL4SFR



Round Adjustable Trimless Reflector

ELK415

Finishes:
(W, B, BZ, H)



Round Fixed Trimless Reflector

ELK408

Finishes:
(W, B, BZ, H)



Square Spackle Frame

EL4SFS



Square Adjustable Trimless Reflector

ELK459

Finishes:
(W, B, H)



Square Trimless Reflector

ELK445

Finishes:
(W, B, H)

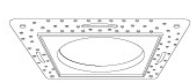
4" Flush Mount Trim Adaptors



Round Flush Mount

EL4FMR

For use with
ELK41 & Unique™ Trims



Square Flush Mount

EL4FMS

For use with
ELK42 Trims

4" Flexa™ Twist-On Trims



Round Reflector

ELK4721

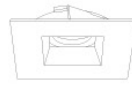
Finishes:
(WW, BB, BZBZ, BW, CC, CW,
HW, CN)



Round Baffle

ELK4723

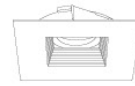
Finishes:
(WW, BB, BZBZ, BW)



Square Reflector

ELK4741

Finishes:
(WW, BB, BZBZ, BW, HW)
**Not for Remodel Housing*



Square Baffle

ELK4743

Finishes:
(WW, BB, BZBZ, BW)
**Not for Remodel Housing*



Adjustable Sq. Reflector

ELK4759

Finishes:
(WW, BB, B, H)

*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 4" Architectural Maximum Adjustability ICA LED Housings

4" Unique™ Twist-On Trims

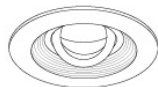


Adj. Round Reflector

ELK4710

Finishes:

(W, B, BZ)



Adj. Round Baffle

ELK4713

Finishes:

(W, BZ)



Round Wall Wash

ELK4715

Finishes:

(W, BZ)

*Finishes: **W** - All White, **B** - All Black, **BZ** - All Bronze