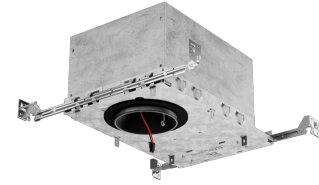Project name: _____

Fixture type: _____

Date: _____

3" Koto™ Architectural Maximum Adjustability High Lumen 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 (ELK21 or ELK24 Series). Lumen output based on module.
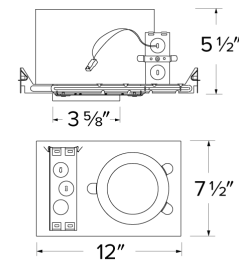
Features

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- MAX. 35° adjustability.
- Flicker-Free Dimming.
- USA designed and assembled.
- Integrated collar allows for use with ⅝" thick to 1 ½" thick ceilings
- Limited 5 year warranty.
- For use with ELCO Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series).

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 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 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.

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

Dimensions

5 ½"

3 ⅝"

7 ½"

12"

Product Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E3LK53ICA	Maximum Adjustability Housing	LED	1250 lm	15.7W	120V	Triac/ELV
E3LK54ICAD	Maximum Adjustability Housing	LED	1250 lm	15.7W	120/277V	0-10V/Triac/ELV (1% Dimming)
E3LK54ICAD-L	Maximum Adjustability Housing	LED	1450 (ELK21) - 1750 (ELK24) lm	15.7W	120/277V	0-10V/Triac/ELV (1% Dimming)
E3LK54ICADAL	Maximum Adjustability Housing	LED	1450 (ELK21) - 1750 (ELK24) lm	15.7W	120/277V	DALI 2
E3LK84ICA	High Lumen Maximum Adjustability Housing	LED	1500 lm	18.9W	120V	Triac/ELV
E3LK85ICAD	High Lumen Maximum Adjustability Housing	LED	1500 lm	18.9W	120/277V	0-10V/Triac/ELV (1% Dimming)
E3LK85ICAD-L	High Lumen Maximum Adjustability Housing	LED	1650 (ELK21) - 1950 (ELK24) lm	18.9W	120/277V	0-10V/Triac/ELV (1% Dimming)
E3LK85ICADAL	High Lumen Maximum Adjustability Housing	LED	1650 (ELK21) - 1950 (ELK24) lm	18.9W	120/277V	DALI 2

Product Number Builder   Example: **E3LK53ICA**

Koto™ Architectural Housing	Voltage (Wattage)	Dimming
E3LK		

Voltage (Wattage)

53 120V (15.7W) [1]
54 120/277V (15.7W) [2]
84 120V (18.9W) [1]
85 120/277V (18.9W) [2]

Dimming

ICA Triac/ELV
ICAD 0-10V/Triac/ELV [3]
ICAD-L 0-10V/Triac/ELV [3]
ICADAL DALI2
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

EL | ELCO Lighting

Koto™ Architectural LED Light Engine
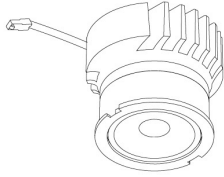
Koto™ LED Light Engine
ELK21 & ELK24

PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens		Color Temperature		Beam Angle	
ELK						
	21	1100 - 1500 lm[1]	27D	2700K	(blank)	38° lens (Standard)
	24	1100 - 1800 lm[1]	30D	3000K	-S	18° lens
			35D	3500K	-N	25° lens
			40D	4000K	-W	60° lens
					-FC	18° - 50° Adjustable (ELK21 Only)

[1]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

3" Pex™ Twist-&-Lock Trims

Deep Reflector
ELK3618
Finishes:
(W, BB, BZ, B, C, H)
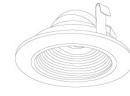
Adjustable Gimbal
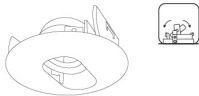ELK3629
Finishes:
(W, BB, BZ, B, C, H)

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

Adjustable Baffle
ELK3693
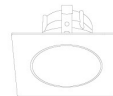Finishes:
(W)

Slot Aperture
ELK3620
Finishes:
(W)

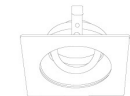**Adj. Reflector Wall Wash**
ELK3622
Finishes:
(W)

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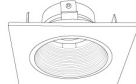(W, BB, BZ, B, C, H)

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

Must be used with Maximum Adjustability Housing