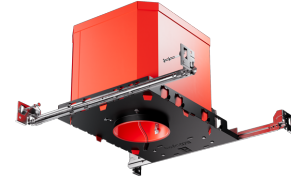# ELCO Lighting

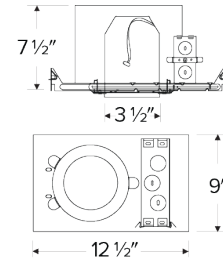# 3" New Construction 2-Hour Fire Rated ICA Airtight Housing

Features

- IC Airtight for direct contact with insulation.
- Koto™ Commercial Housing: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.
- Must be used with Commercial Construction Koto™ LED Light Engines (ELK19, ELK21 or ELK24 Series).
- Lumen output based on module.
- 2-Hour Fire and Sound Rated.

Technical Details

Construction:

- Double Wall IC Rated for direct contact with insulation. For use in IC and non-IC conditions.
- 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 2x8 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.

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 > 0.9.

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.

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.

Specifications

Wattage	10.5W
Lumens	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, 0-10V/Triac/ELV

Dimensions

7 ½"
3 ½"
9"
12 ½"

Product Numbers

| Item	Description	Lumens	Watts	Voltage	Dimming
ELK72FICA	Koto™ 2-Hour Fire Rated ICA Housing	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm	10.5W	120V	Triac/ELV
ELK73FICAD	Koto™ 2-Hour Fire Rated ICA Housing	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm	10.5W	120/277V	0-10V/Triac/ELV

Product Number Builder   Example: **ELK72FICA**

Koto™ 2-Hour Fire Rated ICA Housing	Voltage	Dimming
ELK		

Voltage		Dimming	
72F	120V	**ICA**	Triac/ELV
73F	120/277V	**ICAD**	0-10V/Triac/ELV

Compatible Products

EL ELCO Lighting

Koto™ Architectural LED Light Engine
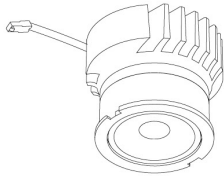
Koto™ LED Light Engine
ELK19, ELK21 & ELK24

PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens		Color Temperature		Beam Angle	
ELK						
	19	750 - 850 lm¹	**27D**	2700K	**(blank)**	38° lens (Standard)
	21	1100 - 1500 lm¹	**30D**	3000K	**-S**	18° lens
	24	1100 - 1800 lm¹	**35D**	3500K	**-N**	25° lens
			40D	4000K	**-W**	60° lens
			SD	Sunset Dimming (ELK19 Only)	**-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

Reflectors
EP735C	15°
EP736C	25°
EP737C	38°
EP738C	60°
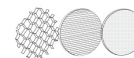
Secondary Optics
L45	Hex Louver
L46	Linear Lens
L47	Spread Louver
L49	Frosted Lens
L50	Color Shifter

3" Pex™ Twist-&-Lock Trims

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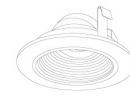

Adjustable Gimbal
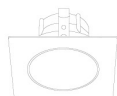**ELK3629**
Finishes:
(W, BB, BZ, B, C, H)

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

Adjustable Baffle
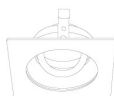**ELK3693**
Finishes:
(W)
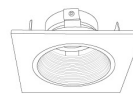

Sq. Deep Reflector
ELK3318
Finishes:
(W, BB, BZ, B, C, H)

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

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