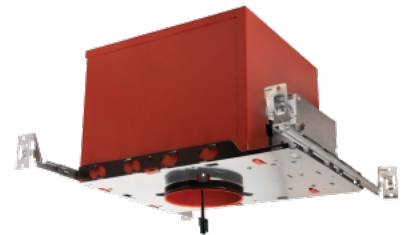# ELCO Lighting

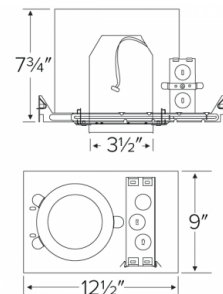# 3″ New Construction 2-Hour Fire Rated IC Airtight Housing

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 or ELK21 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.

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) lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, 0-10V/Triac/ELV

Dimensions

Product Numbers

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

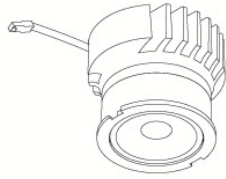## Product Number Builder   Example: **ELK72FICA**

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

72F 120V
73F 120/277V

ICA Triac/ELV
ICAD 0-10V/Triac/ELV

Compatible Products

EL ELCO Lighting

Koto™ Architectural LED Light Engine

Koto™ LED Light Engine
ELK19 - ELK21

PRODUCT NUMBER BUILDER

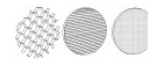| Koto™ LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
	19 750 - 850 lm	**27D** 2700K	**(blank)** 38° lens (Standard)
	21 1100 - 1500 lm	**30D** 3000K	**-S** 18° lens
		35D 3500K	**-N** 25° lens
		40D 4000K	**-W** 60° lens
		SD Sunset Dimming (ELK19 Only)	

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)

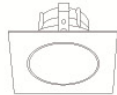**Adjustable Pinhole**
ELK3627
Finishes:
(B, BB, BZ)

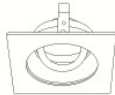**Adjustable Baffle**
ELK3693
Finishes:
(W)

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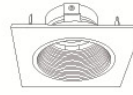**(W, BB, BZ, B, C, H)**

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