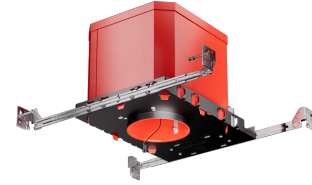


# 4" IC Airtight New Construction 2-Hour Fire Rated Housing for Koto™ LED Engine



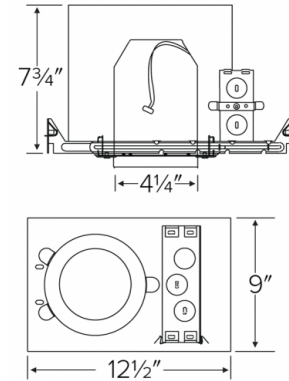
## Features

- 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.

## Specifications

<b>Wattage</b>	11.8W
<b>Lumens</b>	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm
<b>Voltage</b>	120/277V or 120V
<b>Dimmable</b>	Triac/ELV, 0-10V/Triac/ELV

## Dimensions



## 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:** 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:** 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	Lumens	Watts	Voltage	Dimming
<b>ELK93FICA</b>	2-Hour Fire Rated New Construction	750 (ELK19)	11.8W	120V	Triac/ELV
		- 950 (ELK21)			
		- 1100 (ELK24) lm			
<b>ELK94FICAD</b>	2-Hour Fire Rated New Construction	750 (ELK19)	11.8W	120/277V	0-10V/Triac/ELV
		- 950 (ELK21)			
		- 1100 (ELK24) lm			

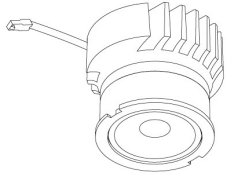
## Product Number Builder Example: ELK93FICA

4" Koto™ 2-Hour Fire Rated ICA Housing	Voltage	Dimming
ELK	93 120V 94 120/277V	FICA Triac/ELV FICAD 0-10V/Triac/ELV

# Compatible Products

For use with Dedicated 4" Architectural ICA LED Housings

## 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 <sup>†</sup>	27D 2700K	(blank) 38° lens (Standard)
21	1100 - 1500 lm <sup>†</sup>	30D 3000K	-S 18° lens
24	1100 - 1800 lm <sup>†</sup>	35D 3500K	-N 25° lens
		40D 4000K	-W 60° lens
		SD Sunset Dimming (ELK19 Only)	-FC 18° - 50° Adjustable (ELK21 Only)

<sup>†</sup>Wattage based on housing.

### ACCESSORIES

**Lens**

**EP731C** 18° Lens  
**EP732C** 25° Lens  
**EP733C** 38° Lens  
**EP734C** 60° Lens  
\*EP732C, EP733C, EP734C Included

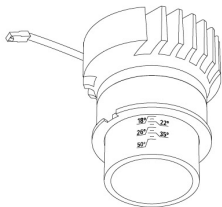
**Snoot**

**L50W** White  
**L50B** Black

**Secondary Optics**

**L45** Hex Louver  
**L46** Linear Lens  
**L47** Spread Louver  
**L49** Frosted Lens  
**L51** Color Shifter

## Koto™ FOCUS Architectural LED Light Engine



**Koto™ FOCUS LED Light Engine**

PRODUCT NUMBER BUILDER			
Koto™ FOCUS LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
21	1100 - 1500 lm	27D 2700K 30D 3000K 35D 3500K 40D 4000K	-FC 18° - 50° Adjustable Focus

<sup>†</sup>Wattage based on housing.

## 4" Pex™ Twist-On Trims



**Shallow Reflector**  
ELK4116  
Finishes:  
(W, H)



**Reflector**  
ELK4118  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Gimbal**  
ELK4129  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Pinhole**  
ELK4127  
Finishes:  
(W, B, BB, BZ, N, CP)



**Adjustable Baffle**  
ELK4193  
Finishes:  
(W, BB, B)



**Rotatable Slot Aperture**  
ELK4120  
Finishes:  
(W)



**Slot Aperture**  
ELK4130  
Finishes:  
(W)



**Adjustable Spot**  
ELK4188  
Finishes:  
(W, B, BZ)

# Compatible Products



For use with Dedicated 4" Architectural ICA LED Housings & ALO™ Box

## 4" Pex™ Twist-On Trims



**Shallow Reflector**

**ELK4216**

Finishes:

(W, H)



**Reflector**

**ELK4218**

Finishes:

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

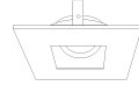


**Adjustable Gimbal**

**ELK4229**

Finishes:

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

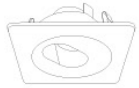


**Adjustable Pinhole**

**ELK4227**

Finishes:

(W, B, BB, BZ, N)



**Adjustable Slot Rotatable**

**ELK4220**

Finishes:

(W)

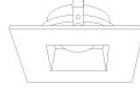


**Adjustable Phenolic Baffle**

**ELK4293**

Finishes:

(W, BB, B)

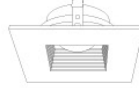


**Adjustable Reflector**

**ELK4282**

Finishes:

(W, BZ)



**Adjustable Baffle**

**ELK4284**

Finishes:

(W, B, 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

## 4" Flexa™ Twist-On Trims



**Round Reflector**

**ELK4721**

Finishes:

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

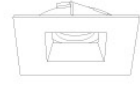


**Round Baffle**

**ELK4723**

Finishes:

(WW, BB, BZBZ, BW)



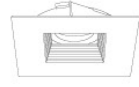
**Square Reflector**

**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