

# Pex™ 4" Square Adjustable Pinhole

Pex™ Precision die-cast adjustable trims with twist-&-lock system for easy Koto™ Module installation



## Features

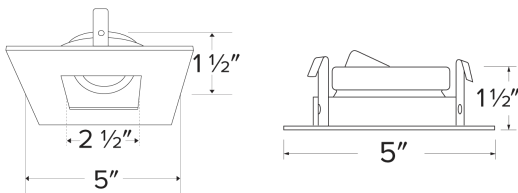
- 35° tilt (for EL485ICA), 25° tilt (for EL490 Series).
- 30° tilt with E3LK Series (Architectural Koto™ Module & Housings)
- 5" Sq.
- Convenient twist-lock design for easy installation.
- Damp Location Rated.
- Lamp: Koto™ LED Module.

## Technical Details

**Construction:** Diecast aluminum with a powder coated finish.

**Installation:** Twist-lock design allows for easy mounting onto the Koto™ LED Module.

**Lamp:** Koto™ LED Module.



**Dimensions:**

## Options



All White



Black Reflector with White Trim



All Black



All Bronze



Haze/White Trim

## Product Number

Item	Finish
ELK4227H	Haze with White Trim

## Product Number Builder Example: ELK4227W

Pex™ 4" Square Adjustable Pinhole

Finish

**ELK4227**

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- W** All White
- B** Black with White Trim
- BB** All Black
- BZ** All Bronze
- H** Haze with White Trim

# Compatible Products



For use with 4" Koto™ Twist-On Trims

## Koto™ LED Module



**Koto™ LED Module**  
ELK07, ELK09, & ELK11

PRODUCT NUMBER BUILDER					
Koto™ LED Module	Lumens	Color Temperature	Beam Angle		
ELK					
07	750 lm	27 2700K	(blank) 38° lens (Standard)		
09	950 lm	30 3000K	-S 18° lens		
11	1150 lm	35 3500K	-N 25° lens		
		40 4000K	-W 60° lens		
		SD Sunset Dimming (For ELK09 & ELK11)	-FC 18° - 50° Adjustable (ELK07 Only)		

### ACCESSORIES

**Lens**

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

**Snoot**

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

**Secondary Optics**

**L45** Hex Louver      **L57** White Hex Louver  
**L46** Linear Lens    **L52** Blue Lens  
**L47** Spread Louver   **L53** Pink Shifter  
**L49** Frosted Lens  
**L51** Color Shifter

\*Standard module includes 38° installed with 25° & 60° field changeable lenses.

**Koto™ LED Module with 5-CCT Switch**

**Product Number**

**ELK08CT5** 825 lm, 5-CCT, 120V  
**ELK10CT5** 1000 lm, 5-CCT, 120V

**12V AC Retrofit Koto™ LED Module**

For retrofitting 4" Bi-Pin 12V AC GU5.3 Housings

**Product Number**

**ELK0827-12** 800 lm, 2700K, 12V AC  
**ELK0830-12** 800 lm, 3000K, 12V AC  
**ELK08SD-12** 800 lm, Sunset, 12V AC

## 4" Koto™ Dedicated LED ICA Housings



4" ICA Maximum Adjustability Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL485ICA	Maximum Adjustability



4" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL490ICA	14W, 120/277V
EL490ICA-EM5	Emergency Battery Back-up (90 minutes)



4" R-60 Spray Foam Insulation Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL490AJICA	Maximum Adjustability, For use in R60 or Chicago plenum applications



4" ICA Housing  
**Remodel**

CAT NO.	SPECIFICATIONS
EL490RICA	14W, 120V



2-Hour Fire Rated 4" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL48FICA	7 1/2" Height, Sound Rated

# Compatible Products

For use with 4" Koto™ Twist-On Trims

## 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)	-FC	18° - 50° Adjustable (ELK21 Only)

*\*Standard module includes 38° installed with 25° & 60° field changeable lenses.*

### ACCESSORIES

**Lens**

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

**Snoot**

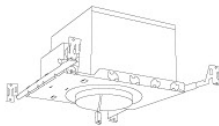
**L50W** White  
**L50B** Black

**Secondary Optics**

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

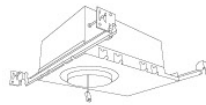
**L57** White Hex Louver  
**L52** Blue Lens  
**L53** Pink Shifter

## 4" Koto™ Architectural Recessed Housings



4" Maximum Adjustability ICA Housing  
Use with ELK21 Series Module  
Not for use with ELK19 Series Module  
**New Construction**

CAT NO.	SPECIFICATIONS
E4LK47ICA	1350 lm, 15.7W, 120V, Triac/ELV
E4LK48ICAD	1350 lm, 15.7W, 120/277V, 0-10V/Triac/ELV
E4LK78ICA	1500 lm, 18.9W, 120V, Triac/ELV
E4LK79ICAD	1500 lm, 18.9W, 120/277V, 0-10V/Triac/ELV



4" Shallow Maximum Adjustability ICA Housing  
1000 lm (14.7W) w/ELK19 Series Module  
1200 lm (14.7W) w/ELK21 Series Module  
**New Construction**

CAT NO.	SPECIFICATIONS
E4LK98ICA	120V, Triac/ELV
E4LK99ICAD	120/277V, 0-10V/Triac/ELV



4" Standard ICA Housing  
800 lm (11.8W) w/ELK19 Series Module  
1000 lm (11.8W) w/ELK21 Series Module  
**New Construction**

CAT NO.	SPECIFICATIONS
E4LK87ICA	120V, Triac/ELV
E4LK87ICA-EM1	Emergency Battery Back-Up
E4LK88ICAD	120/277V, 0-10V/Triac/ELV
E4LK88ICAD-EM1	Emergency Battery Back-Up



4" Standard ICA Housing  
800 lm (11.8W) w/ELK19 Series Module  
1000 lm (11.8W) w/ELK21 Series Module  
**Remodel**

CAT NO.	SPECIFICATIONS
E4LK87RICA	120V, Triac/ELV
E4LK88RICAD	120/277V, 0-10V/Triac/ELV



2-Hour Fire Rated 4" ICA Housing  
750 lm (11.8W) w/ELK19 Series Module  
950 lm (11.8W) w/ELK21 Series Module  
**New Construction**

CAT NO.	SPECIFICATIONS
ELK93FICA	120V, Triac/ELV
ELK94FICAD	120/277V, 0-10V/Triac/ELV

# Compatible Products

For use with 4" Koto™ Twist-On Trims

## Koto™ 24V DC LED Light Engine



**24V DC Koto™ LED Light Engine**

PRODUCT NUMBER BUILDER			
Koto™ LED Light Engine	Lumens	Color Temperature	Voltage
ELK			

08	800 lm	27	2700K	-24	24V DC
		30	3000K		

*\*Standard module includes 38° installed with 25° & 60° field changeable lenses.*

### ACCESSORIES



#### Lens

**EP731C** 18° Lens  
**EP732C** 25° Lens  
**EP733C** 38° Lens  
**EP734C** 60° Lens

*\*EP732C, EP733C, EP734C Included with standard module*



#### Snoot

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



#### Secondary Optics

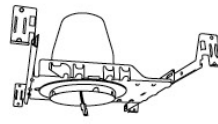
**L45** Hex Louver  
**L46** Linear Lens  
**L47** Spread Louver  
**L49** Frosted Lens  
**L51** Color Shifter  
**L57** White Hex Louver  
**L52** Blue Lens  
**L53** Pink Shifter

## 4" Koto™ Dedicated LED ICA Housings (24V DC Input)



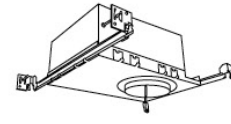
**24V DC 4" ICA Maximum Adjustability Housing**  
**New Construction**

CAT NO.	SPECIFICATIONS
E24V485ICA	Maximum Adjustability <i>*Requires 24V DC Transformer</i>



**24V DC 4" ICA Housing**  
**New Construction**

CAT NO.	SPECIFICATIONS
E24V490ICA	<i>*Requires 24V DC Transformer</i>



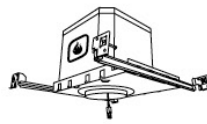
**24V DC 4" R-60 Spray Foam Insulation Housing**  
**New Construction**

CAT NO.	SPECIFICATIONS
E24V490AJICA	Maximum Adjustability, For use in R60 or Chicago plenum applications <i>*Requires 24V DC Transformer</i>



**24V DC 4" ICA Housing**  
**Remodel**

CAT NO.	SPECIFICATIONS
E24V490RICA	<i>*Requires 24V DC Transformer</i>



**24V DC 2-Hour Fire Rated 4" ICA Housing**  
**New Construction**

CAT NO.	SPECIFICATIONS
E24V48FICA	7 1/2" Height Sound Rated <i>*Requires 24V DC Transformer</i>