

# Pex™ 4" Square Adjustable Pinhole

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



## Features

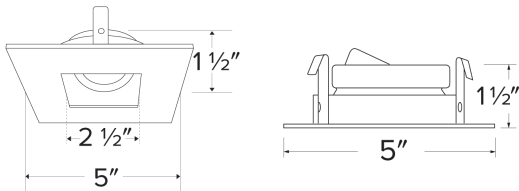
- 35° tilt (for EL485ICA), 25° tilt (for EL490 Series).
- 30° tilt with E3LK Series (Architectural Koto™ Module & Housings)
- 5" Sq.
- Convenient twist-lock design for easy installation.
- Damp Location Rated.
- Lamp: Koto™ LED Module.

## 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
ELK4227B	Black with White Trim

## Product Number Builder Example: ELK4227W

Pex™ 4" Square Adjustable Pinhole

Finish

ELK4227

- 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

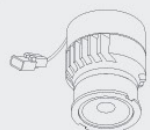
L50W White  
L50B Black



#### Secondary Optics

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

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

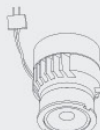


Koto™ LED Module  
with 5-CCT Switch



#### Product Number

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



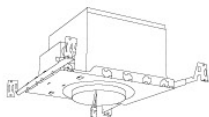
12V AC Retrofit  
Koto™ LED Module

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



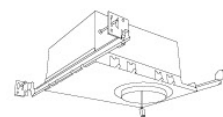
4" ICA Maximum Adjustability Housing  
New Construction

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
<small>*EP732C, EP733C, EP734C Included with standard module</small>	



#### Snoot

L50W	White
L50B	Black



#### Secondary Optics

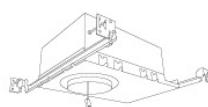
L45	Hex Louver	L57	White Hex Louver
L46	Linear Lens	L52	Blue Lens
L47	Spread Louver	L53	Pink Shifter
L49	Frosted Lens		
L51	Color Shifter		

## 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**

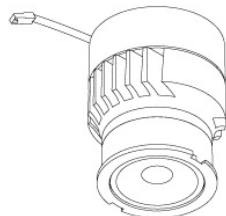
CAT NO.	SPECIFICATIONS
ELK93FICA	120V, Triac/ELV
ELK94FICAD	120/277V, 0-10V/Triac/ELV

# 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 30 3000K	-24 24V DC

\*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
<small>*EP732C, EP733C, EP734C Included with standard module</small>	



#### Snoot

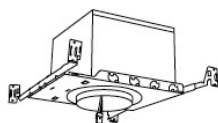
L50W	White
L50B	Black



#### Secondary Optics

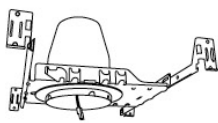
L45	Hex Louver	L57	White Hex Louver
L46	Linear Lens	L52	Blue Lens
L47	Spread Louver	L53	Pink Shifter
L49	Frosted Lens		
L51	Color Shifter		

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



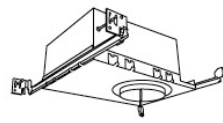
24V DC 4" ICA Maximum Adjustability Housing  
New Construction

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



24V DC 4" ICA Housing  
New Construction

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



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

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



24V DC 4" ICA Housing  
Remodel

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



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

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