0-10V Koto™ LED Module

Works with 2″, 3″, 4″, and 6″ ELCO 0-10V Recessed Housings and Koto™ Trims

Features

- Integrated 120-277V (50/60Hz), 0-10V/Triac/ELV dimmable driver
- Excellent color rendering 95+ CRI
- Sunset Module ELK10DXSD starts from 3000K and dims to 1800K
- Works in 2″, 3″, 4″, and 6″ ELCO 0-10V Housings with Koto™ twist-on trims
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Standard 38° Lens installed, 25° and 60° lens included with each module - Optional Lens: 18° (EP731C).
- Optional: Louver (L45), Linear Lens (L46), Spread Lens (L47), Clear Lens (L48), Frosted Lens (L49), Snoot (L50), Color Shifter (L51)
- Covered by U.S. PATENTS and Patents Pending

Specifications

Wattage	11.8W
Lumens	1000 lm
Voltage	120-277V
Color Temp.	SunsetK
Dimmable	0-10V/Triac/ELV
Lamp Type	LED
Beam Angle	38°
CRI	95
Wet Location	cUL Listed w/Wet Location Trim
Damp Location	cUL Listed

Dimensions

2 ⅛″

3 ¼″

1 ½″

2″
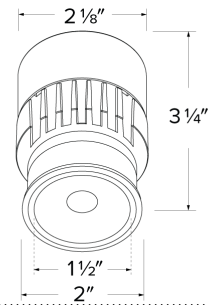
Technical Details

Optics: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.

Construction: Integrated driver and light engine with quick connect. Diecast aluminum body with heat fins allow for efficient cooling.

Installation: Twist-on design for toolless trim installation, for use with Koto™ trims only. Can be use in 2", 3", 4" and 6" ELCO 0-10V Recessed Housings.

Electrical: Module connects to 120-277V input power. High efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

Delivered Lumens: 1000 lm (11.8W)

LED Technology: Extremely accurate Color Rendering Index of 95+. Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integrated heat sink. Instant On to Full Brightness technology. No LED pixilation.

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Dimmability: Works with 120-277V input, 0-10V/Triac/ELV type dimmers. Dims down to 5%. For full list of dimmers, refer to the Dimmer Compatibility List. Industry leading dimming that dims smoothly with no hot spots or flickering.

Product Number Builder   Example: **ELK10DX27**

DX Koto™ LED Module	Lumens	Voltage	Color Temp.	Beam Angle
ELK				
	10 1000 lm (11.8W)	**DX** 120-277V	**27** 2700K	38° [2]
			30 3000K	**-S** 18°
			35 3500K	**-N** 25°
			40 4000K	**-W** 60°
			SD Sunset [1]	

[1] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

[2] 38° lens installed. Includes 25° and 60° lens with module.

Compatible Products

ELCO Lighting

2" Koto™ Dedicated LED ICA Housings
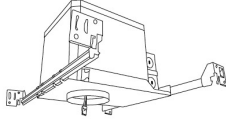
2" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL276ICDXA	Maximum Adjustability

2" Pex™ Twist-On Trims

Round Deep Reflector
ELK2818
Finishes:
(W, B, H, BB, BZ)

Round Adjustable Reflector
ELK2829
Finishes:
(W, B, H, BB, BZ)

Round Adjustable Pinhole
ELK2827
Finishes:
(W, B, BB, BZ)

Square Deep Reflector
ELK2518
Finishes:
(W, B, BB)

Square Adjustable Reflector
ELK2529
Finishes:
(W, B, BB)

Square Reflector
ELK2541
Finishes:
(W, B, BB)

Square Adjustable Pinhole
ELK2527
Finishes:
(W, B, BB)

Round Gimbal
ELK2888
Finishes:
(W, B, BZ)

Square Gimbal
ELK2588
Finishes:
(W, BZ)

Compatible Products

ELCO Lighting

For use with **0-10V Koto™ LED Module**

3" Koto™ Dedicated LED ICA Housings

2-Hour Fire Rated 3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL39FICDXA	7 ½" Height - Sound Rated
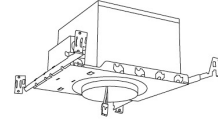
3" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL386ICDXA	Maximum Adjustability
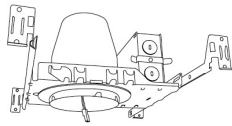
3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL390ICDXA	
EL390ICDXA-EM5	Emergency Battery Back-up (90 minutes)

3" ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL390RICDXA	

3" Pex™ Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

Round Deep Reflector
ELK3618
Finishes:
(W, BB, BZ, B, C, H)
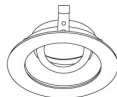
Round Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)
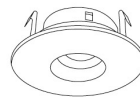
Round Adjustable Pinhole
ELK3627
Finishes:
(B, BB, BZ)
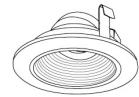
Round Adjustable Baffle
ELK3693
Finishes:
(W)

Round Adj. Slot Aperture
ELK3620
Finishes:
(W)

Round Adj. Wall Wash
ELK3622
Finishes:
(W)
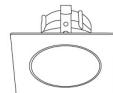
Square Deep Reflector
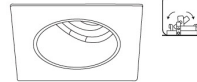ELK3318
Finishes:
(W, BB, BZ, B, C, H)
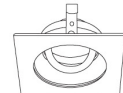
Square Adjustable Gimbal
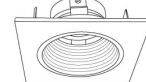ELK3329
Finishes:
(W, BB, BZ, B, C, H)

Square Adjustable Pinhole
ELK3327
Finishes:
(B, BB, BZ)

Square Reflector
ELK3341
Finishes:
(W, B, BB, BZ)

Square Adj. Wall Wash
ELK3322
Finishes:
(W)
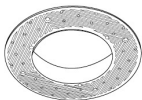
Square Adjustable Baffle
ELK3393
Finishes:
(W)

Compatible Products

For use with **0-10V Koto™ LED Module**

3" Pex™ Trimless · *Only for use with EL386ICA*

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Spackle Frame

EL3SFR

Adjustable Trimless Reflector
ELK315
Finishes:
(W, B, H)

3" Flush Mount Trim Adaptors

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Round Flush Mount
EL3FMR
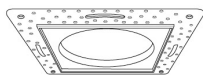
Square Flush Mount
EL3FMS

Compatible Products

For use with **0-10V Koto™** LED Module

4″ Koto™ Dedicated LED ICA Housings
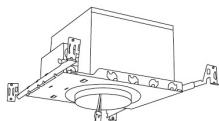
4″ ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL485ICDXA	Maximum Adjustability
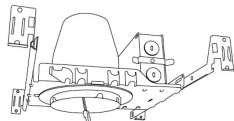
4″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490ICDXA	14W, 120/277V
EL490ICDXA-EM5	Emergency Battery Back-up (90 minutes)
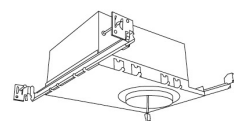
4″ R-60 Spray Foam Insulation Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490AJICDXA	Maximum Adj. for use in R60 or Chicago plenum applications

4″ ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL490RICDXA	14W, 120V
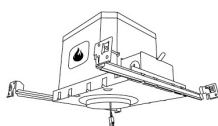
2-Hour Fire Rated 4″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL48FICDXA	7 ½″ Height, Sound Rated

4″ Pex™ Round Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

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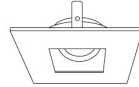Finishes:
(W, BB, BZ, B, C, H)

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

Adjustable Pinhole
ELK4127
Finishes:
(B, BB, BZ)
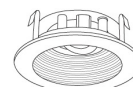
Adjustable Baffle
ELK4193
Finishes:
(W, BB, B)

Slot Aperture
ELK4130
Finishes:
(W)

Rotatable Slot Aperture
ELK4120
Finishes:
(W)

Adj. Wall Wash
ELK4122
Finishes:
(W)

Compatible Products

For use with **0-10V Koto™ LED Module**

4" Pex™ Square Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

Reflector
ELK4218
Finishes:
(W, BB, BZ, B, C, H)
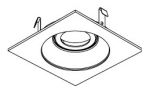
Adjustable Gimbal
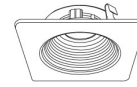ELK4229
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Pinhole
ELK4227
Finishes:
(B, BB, BZ)

Adjustable Phenolic Baffle
ELK4293
Finishes:
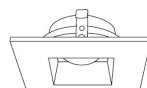(W, BB, B)

Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)
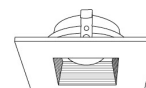
Adjustable Baffle
ELK4284
Finishes:
(W)

4" Flexa™ Twist-On Trims

Round Reflector
ELK4721
Finishes:
(WW, BB, BZBZ, BW, CC, CW, HW, CN)
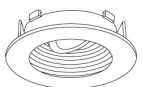
Round Baffle
ELK4723
Finishes:
(WW, BB, BZBZ, BW)
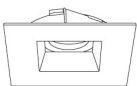
Square Reflector
ELK4741
Finishes:
(WW, BB, BZBZ, BW, HW)
Not for Remodel Housing
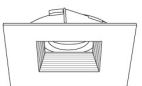
Square Baffle
ELK4743
Finishes:
(WW, BB, BZBZ, BW)
Not for Remodel Housing
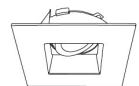
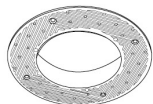**Adjustable Square Reflector**
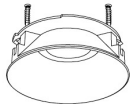ELK4759
Finishes:
(WW, BB, B, H)

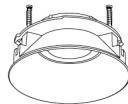# Compatible Products

For use with 0-10V Koto™ LED Module

ELCO Lighting

4" Pex™ Trimless
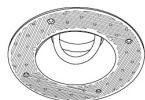• *Only for use with EL485ICDXA & EL490AJICDXA*
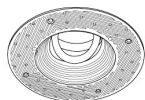
Round Spackle Frame Only
EL4SFR

Round Smooth Reflector
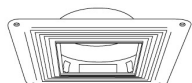**ELK408**
Finishes:
(W, B, BZ, H)

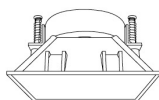**Round Adjustable Reflector**
ELK415
Finishes:
(W, B, BZ, H)

Adjustable Reflector with Spackle Frame
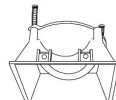**ELK430**
Finishes:
(W, B, BZ, H)

Adjustable Baffle with Spackle Frame
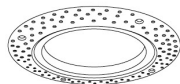**ELK434**
Finishes:
(W, B, BZ)

Sq. Spackle Frame
EL4SFS

Sq. Smooth Reflector
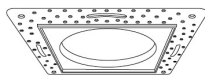**ELK445**
Finishes:
(W, B, H)

Sq. Adjustable Reflector
ELK459
Finishes:
(W, B, H)

4" Flush Mount Trim Adaptors

Round Flush Mount
EL4FMR
For use with ELK41 & Unique™ Trims

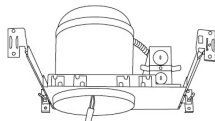**Square Flush Mount**
EL4FMS
For use with ELK42 Trims

Compatible Products

For use with **0-10V Koto™ LED Module**

ELCO Lighting

6" Koto™ Dedicated LED ICA Housings

2-Hour Fire Rated 6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL76FICDXA	7 ¾" Height

6" Standard ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL770ICDXA	7 ½" Height
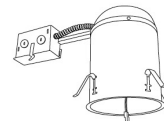
6" Standard ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL770RICDXA	7 ½" Height
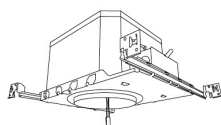
2-Hour Shallow Fire Rated 6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL75FICDXAS	6 ³⁄₁₆" Height
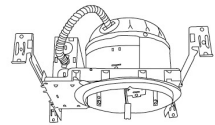
6" Shallow ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL760ICDXA	5 ½" Height
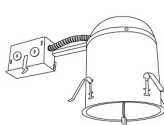
6" Shallow ICA Housing
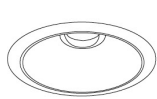**Remodel**

CAT NO.	SPECIFICATIONS
EL760RICDXA	5 ½" Height

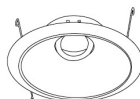## 6" Twist-On Trims

Round Deep Reflector

ELK6418
Finishes:
(W, BB, BZ, H)

Round Reflector

ELK610
Finishes:
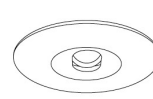(WW, BB, BZBZ, BW, CC, CW, CN, HW)

Adjustable Round Reflector

ELK629
Finishes:
(WW, BB, BZBZ, BW, CW, HW)

Adjustable Round Baffle

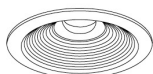ELK693
Finishes:
(WW, BB, BZBZ, BW)

Adjustable Slot Aperture

ELK6420
Finishes:
(W)

6" Unique™ Twist-On Trims

Round Reflector

ELK6710
Finishes:
(W, B, BZ)

Round Baffle

ELK6713
Finishes:
(W, BZ)

Round Wall Wash

ELK6715
Finishes:
(W, BZ)