

0-10V Koto™ LED Module

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



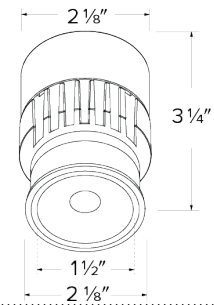
Features

- 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), 90° (EP739C)
- Optional: Louver (L45), Linear Lens (L46), Spread Lens (L47), Clear Lens (L48), Frosted Lens (L49), Snoot (L50), Color Shifter (L51), Blue Lens (L52), Pink Lens (L53), Single Asymmetric Lens (L54), Double Asymmetric Lens (L55)
- Covered by U.S. PATENTS and Patents Pending

Specifications

Wattage	11.8W
Lumens	1000 lm
Voltage	120-277V
Color Temp.	4000K
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



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 Maintenance 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.

Listings: cUL Listed for Damp Locations. cUL Listed for Wet Location with Wet location trims. RoHS Compliant. Meets Energy Star & California Title 24 JA8-2019 standards.

Warranty: ELCO Products are built to last with a 5-year Limited Warranty.

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 30 3000K 35 3500K 40 4000K SD Sunset ¹	38° ² -S 18° -N 25° -W 60° -E 90° ³

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.

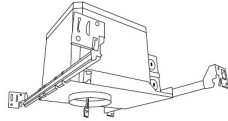
³ 90° Frosted Reflector

Compatible Products



For use with 0-10V Koto™ LED Module

2" Koto™ Dedicated LED ICA Housings



2" ICA Maximum Adjustability Housing
New Construction

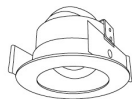
CAT NO.	SPECIFICATIONS
EL276ICDXA	Maximum Adjustability

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)



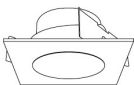
Round Adjustable Pinhole

ELK2827
Finishes:
(W, B, BB, BZ)



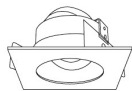
Round Curved Reflector

ELK2872
Finishes:
(W, B*)



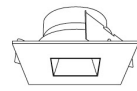
Square Deep Reflector

ELK2518
Finishes:
(W, B, BB)



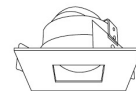
Square Adjustable Reflector

ELK2529
Finishes:
(W, B, BB)



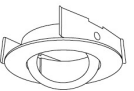
Square Reflector

ELK2541
Finishes:
(W, B, BB)



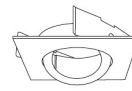
Square Adjustable Pinhole

ELK2527
Finishes:
(W, B, BB)



Round Gimbal

ELK2888
Finishes:
(W, B*, BZ)



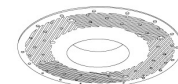
Square Gimbal

ELK2588
Finishes:
(W, B*, BZ)



Round Adj. Trimless Reflector

ELK215
Finishes:
(W, B*)



Trimless Spackle Frame

EL2SFR
For use with ELK215

Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B*** - All Black (For ELK2872, ELK2888, ELK2588, & ELK215)

Compatible Products



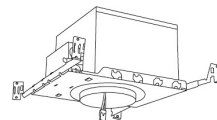
For use with 0-10V Koto™ LED Module

3" Koto™ Dedicated LED ICA Housings



2-Hour Fire Rated 3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL39FICDXA	7 1/2" Height - Sound Rated



3" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL386ICDXA	Maximum Adjustability



3" ICA Housing
New Construction

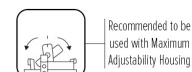
CAT NO.	SPECIFICATIONS
EL390ICDXA	
EL390ICDXA-EM5	Emergency Battery Back-up (90 minutes)



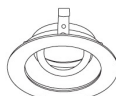
3" ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL390RICDXA	

3" Pex™ Twist-On Trims



Round Deep Reflector
ELK3618
Finishes:
(W, BB, BZ, B, C, H)



Round Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)



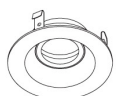
Round Adjustable Pinhole
ELK3627
Finishes:
(B, BB, BZ, B, H)



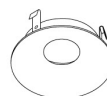
Round Adj. Slot Aperture
ELK3620
Finishes:
(W)



Round Adj. Wall Wash
ELK3622
Finishes:
(W)



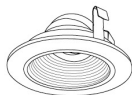
Round Regressed Eyeball
ELK3653
Finishes:
(W, BB, B)



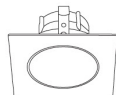
Round Curved Reflector
ELK3672
Finishes:
(W, B)



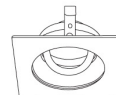
Round Directional Gimbal
ELK3679
Finishes:
(W, BB, B, H)



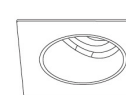
Round Adjustable Baffle
ELK3693
Finishes:
(W)



Square Deep Reflector
ELK3318
Finishes:
(W, BB, BZ, B, C, H)



Square Adjustable Reflector
ELK3329
Finishes:
(W, BB, BZ, B, C, H)



Square Adj. Wall Wash
ELK3322
Finishes:
(W)

*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

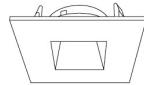
Compatible Products

For use with 0-10V Koto™ LED Module

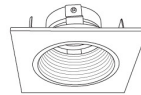
3" Pex™ Twist-On Trims



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

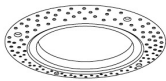


Square Reflector
ELK3341
 Finishes:
 (W, BB, BZ, B)

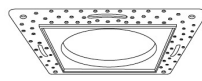


Square Adjustable Baffle
ELK3393
 Finishes:
 (W)

3" Pex™ Flush Mount Trim Adaptors



Round Flush Mount Trim Adaptor
EL3FMR
 Compatible 3" Pex™ Round trims:
 ELK3618, ELK3629, ELK3627, ELK3693,
 ELK3620, ELK3622 Series



Square Flush Mount Trim Adaptor
EL3FMS
 Compatible 3" Pex™ Square trims:
 ELK3318, ELK3329, ELK3322, ELK3327,
 ELK3341, ELK3393 Series

3" Pex™ Trimless



Round Trimless Reflector
ELK308
 Finishes:
 (W, B, H)



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



Round Trimless Spackle Frame
EL3SFR
 For use with ELK315



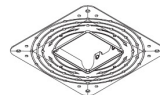
Round Knife Edge Wood Ceiling Trim w/Mounting Clips
EL3WCR
 Finishes:
 (W, B)



Square Trimless Reflector
ELK370
 Finishes:
 (W, B, H)



Square Adjustable Trimless Reflector
ELK381
 Finishes:
 (W, B, H)



Square Trimless Spackle Frame
EL03SFS
 For use with ELK370 & ELK381

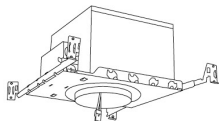
Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B*** - All Black (For ELK315, ELK370, & ELK381)

Compatible Products



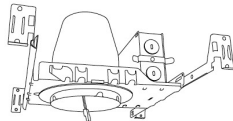
For use with 0-10V Koto™ LED Module

4" Koto™ Dedicated LED ICA Housings



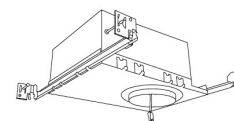
4" ICA Maximum Adjustability Housing
New Construction

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)



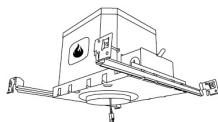
4" R-60 Spray Foam Insulation Housing
New Construction

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



4" ICA Housing
Remodel

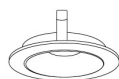
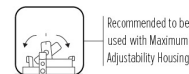
CAT NO.	SPECIFICATIONS
EL490RICDXA	14W, 120V



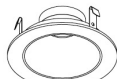
2-Hour Fire Rated 4" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL48FICDXA	7 1/2" Height, Sound Rated

4" Pex™ Twist-On Trims



Shallow Reflector
ELK4116
Finishes:
(W, H)



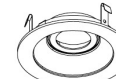
Deep Reflector
ELK4118
Finishes:
(W, BB, BZ, B, C, H)



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



Adjustable Reflector with Clear Glass
ELK4111
Finishes:
(W, BB, BZ, B, C, H)



Adjustable Reflector with Frosted Lens
ELK4112
Finishes:
(W, BB, BZ, B, C, H)



Rotatable Slot Aperture
ELK4120
Finishes:
(W)



Adjustable Wall Wash
ELK4122
Finishes:
(W)



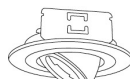
Adjustable Pinhole
ELK4127
Finishes:
(W, BB, BZ, B, H)



Adjustable Pinhole with Frosted Glass
ELK4125
Finishes:
(W, BB, BZ, B, H)



Slot Aperture
ELK4130
Finishes:
(W)



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



Regressed Eyeball
ELK4153
Finishes:
(W, BB, B)



Curved Reflector
ELK4172
Finishes:
(W, B)



Directional Gimbal
ELK4179
Finishes:
(W, BB, B, H)



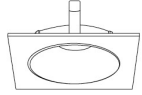
Adjustable Baffle
ELK4193
Finishes:
(W, BB, B)

Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B*** - All Black (For ELK4188, ELK4172, & ELK4284)

Compatible Products

For use with 0-10V Koto™ LED Module

4" Pex™ Twist-On Trims



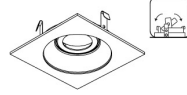
Shallow Reflector

ELK4216
Finishes:
(W, H)



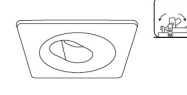
Deep Reflector

ELK4218
Finishes:
(W, BB, BZ, B, C, H)



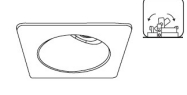
Adjustable Gimbal

ELK4229
Finishes:
(W, BB, BZ, B, C, H)



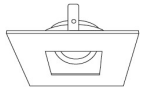
Adjustable Slot Rotatable Aperture

ELK4220
Finishes:
(W)



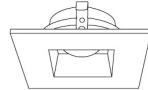
Adjustable Wall Wash

ELK4222
Finishes:
(W)



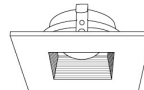
Adjustable Pinhole

ELK4227
Finishes:
(W, BB, BZ, B, C, H)



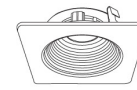
Adjustable Reflector

ELK4282
Finishes:
(W, BZ)



Adjustable Baffle

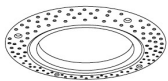
ELK4284
Finishes:
(W, B, BZ)



Adj. Phenolic Baffle

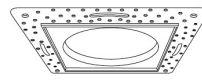
ELK4293
Finishes:
(W, BB, B)

4" Pex™ Flush Mount Trim Adaptors



Round Flush Mount Trim Adaptor

EL4FMR
Compatible 3" Pex™ Round trims:
ELK4116, ELK4118, ELK4127, ELK4129,
ELK4710, ELK4713, ELK4715 Series



Square Flush Mount Trim Adaptor

EL4FMS
Compatible 3" Pex™ Square trims:
ELK4216, ELK4218, ELK4227,
ELK4229 Series

4" Pex™ Trimless



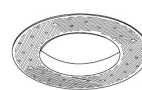
Round Trimless Reflector

ELK408
Finishes:
(W, B, H, BZ)



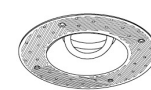
Round Adj. Trimless Reflector

ELK415
Finishes:
(W, B, H, BZ)



Round Trimless Spackle Frame

EL4SFR
For use with ELK408 & ELK415



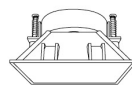
Smooth Reflector

ELK430
Finishes:
(W, B, BZ)



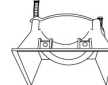
Baffle

ELK434
Finishes:
(W, B, BZ)



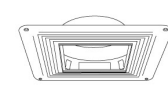
Square Trimless Reflector

ELK445
Finishes:
(W, B, H)



Square Trimless Adj. Reflector

ELK459
Finishes:
(W, B, H)



Square Trimless Spackle Frame

EL4SFS
For use with ELK445 & ELK459

Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B*** - All Black (For ELK408, ELK415, ELK434, ELK445, ELK459)

Compatible Products



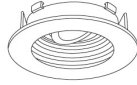
For use with 0-10V Koto™ LED Module

4" Flexa™ Twist-On Trims



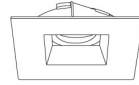
Round Reflector

ELK4721
 Finishes:
 (WW, BB, BZBZ,
 BW, CW, HW)



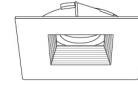
Round Baffle

ELK4723
 Finishes:
 (WW, BB, BZBZ, BW)



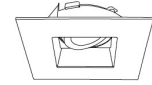
Square Reflector

ELK4741
 Finishes:
 (WW, BB, BZBZ,
 BW, HW)
**Not for Remodel Housing*



Square Baffle

ELK4743
 Finishes:
 (WW, BB, BZBZ, BW)
**Not for Remodel Housing*



Square Adj. Reflector

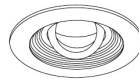
ELK4759
 Finishes:
 (WW, BB, B, H)
**Not for Remodel Housing*

4" Unique™ Twist-On Trims



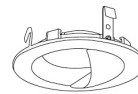
Round Adjustable Reflector

ELK4710
 Finishes:
 (W, B, BZ)



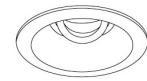
Round Adjustable Baffle

ELK4713
 Finishes:
 (W, BZ)



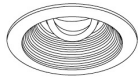
Round Wall Wash

ELK4715
 Finishes:
 (W, BZ)



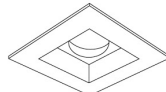
Round Adj. Deep Reflector

ELK4717
 Finishes:
 (W, BZ)



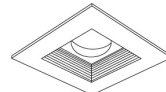
Round Adj. Deep Baffle

ELK4719
 Finishes:
 (W)



Square Reflector

ELK4714
 Finishes:
 (W, B, BZ)
**Not for Remodel Housing*



Square Baffle

ELK4716
 Finishes:
 (W, BZ)
**Not for Remodel Housing*

*Finishes: **W** - All White, **WW** - All White, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring, **BB** - All Black, **BZ** - All Bronze, **CC** - All Chrome, **BZBZ** - All Bronze, **BW** - Black Reflector w/White Ring, **CW** - Chrome Reflector w/White Ring, **CN** - Chrome Reflector w/Nickel Ring, **HW** - Haze Reflector w/White Ring

Compatible Products

For use with 0-10V Koto™ LED Module

6" Koto™ Dedicated LED ICA Housings



2-Hour Fire Rated 6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL76FICDXA	7 3/4" Height



6" Standard ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL770ICDXA	7 1/2" Height



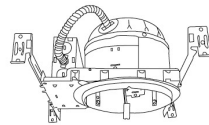
6" Standard ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL770RICDXA	7 1/2" 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

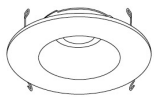
CAT NO.	SPECIFICATIONS
EL760ICDXA	5 1/2" Height



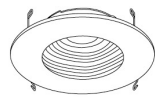
6" Shallow ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL760RICDXA	5 1/2" Height

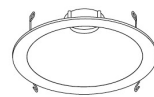
5" & 6" Pex™ Twist-On Trims



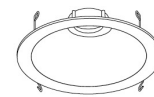
5" Round Reflector
ELK5421
Finishes:
(W)



5" Round Baffle
ELK5493
Finishes:
(W)



6" Round Reflector
ELK6418
Finishes:
(W, BB, BZ, H)



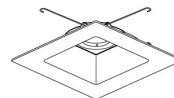
6" Round Adj. Reflector
ELK6429
Finishes:
(W, BB, BZ, H)



6" Round Adj. Slot Aperture
ELK6420W
Finishes:
(W)



6" Round Adj. Pinhole Reflector
ELK6427
Finishes:
(W, B, H)



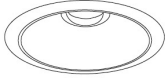
6" Square Adj. Reflector
ELK6829
Finishes:
(W, BB, H)

*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

Compatible Products

For use with 0-10V Koto™ LED Module

6" Flexa™ Twist-On Trims



6" Round Reflector

ELK610

Finishes:

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



6" Round Adjustable Reflector

ELK629

Finishes:

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



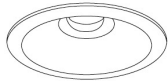
6" Round Adjustable Baffle

ELK693

Finishes:

(WW, BB, BZBZ, BW)

6" Unique™ Twist-On Trims

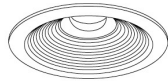


6" Round Reflector

ELK6710

Finishes:

(W, B, BZ)



6" Round Baffle

ELK6713

Finishes:

(W, BZ)



6" Round Wall Wash

ELK6715

Finishes:

(W, BZ)

Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B*** - All Black (For ELK6710, ELK6713, ELK6715)