

Koto™ LED Module

Works with 2", 3", 4", 5" & 6" Recessed Housings and Koto™ Trims



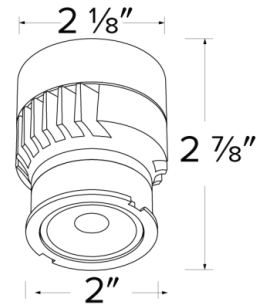
Features

- Integrated 120V Dimmable Driver Triac/ELV
- Excellent color rendering 95+ CRI
- Sunset Module ELK09SD & ELK11SD starts from 3000K and dims to 1800K
- Works in 2", 3" and 4" ELCO housings with Koto™ twist-&-lock 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	12.5W
Lumens	1200 lm
Voltage	120V
Color Temp.	3500K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	38°
CRI	95
Wet Location	UL Listed w/Wet Location Trims
Damp Location	UL 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-lock design for toolless trim installation, for use with Koto™ trims only. Can be use in 2", 3" and 4" housings with quick connect base.

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

Delivered Lumens:

ELK0727 770 lm/2700K **ELK0730** 800 lm/3000K **ELK0735** 830 lm/3500K **ELK0740** 860 lm/4000K

ELK0927 940 lm/2700K **ELK0930** 990 lm/3000K **ELK0935** 1040 lm/3500K **ELK0940** 1100 lm/4000K
ELK09SD 940 lm/Sunset

ELK1127 1100 lm/2700K **ELK1130** 1150 lm/3000K **ELK1135** 1200 lm/3500K **ELK1140** 1260 lm/4000K
ELK11SD 1050 lm/Sunset

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.

Dimmability: Works with 120V Triac and ELV type dimmers. Dims down to 10%. 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

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle
ELK1135	LED	1200 lm	3500K	12.5W	120V	Triac/ELV	38°

Listings: UL Listed for Damp Locations. UL 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.

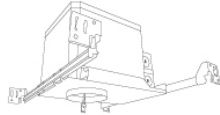
Product Number Builder Example: ELK0727

Koto™ LED Module	Lumens	Color Temp.	Beam Angle
ELK			
	07 750 lm	27 2700K	38°
	09 950 lm	30 3000K	-S 18°
	11 1150 lm	35 3500K	-N 25°
		40 4000K	-W 60°
		SD Sunset	

Compatible Products

For use with **Koto™ LED Module**

2" Koto™ Dedicated LED ICA Housings



2" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL276ICA	Maximum Adjustability

2" Pex™ Twist-On Trims



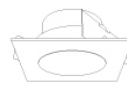
Round Deep Reflector

ELK2818
Finishes:
(W, B, H, BB, BZ)



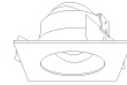
Round Adjustable Reflector

ELK2829
Finishes:
(W, B, H, BB, BZ)



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



For use with Koto™ LED Module

3" Koto™ Dedicated LED ICA Housings



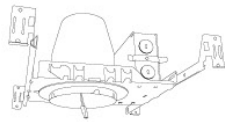
2-Hour Fire Rated 3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL39FICA	7 1/2" Height - Sound Rated



3" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL386ICA	Maximum Adjustability



3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL390ICA	
EL390ICA-EM5	Emergency Battery Back-up (90 minutes)



3" ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL390RICA	

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)



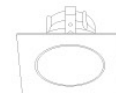
Round Adjustable Baffle
ELK3693
Finishes:
(W)



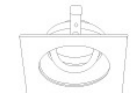
Round Adj. Slot Aperture
ELK3620
Finishes:
(W)



Round Adj. Wall Wash
ELK3622
Finishes:
(W)



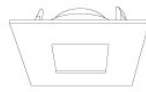
Square Deep Reflector
ELK3318
Finishes:
(W, BB, BZ, B, C, H)



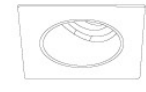
Square Adjustable Gimbal
ELK3329
Finishes:
(W, BB, BZ, B, C, H)



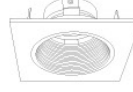
Square Adjustable Pinhole
ELK3327
Finishes:
(B, BB, BZ)



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 Koto™ LED Module

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



Spackle Frame

EL3SFR



Adjustable Trimless Reflector

ELK315

Finishes:

(W, B, H)

3" Flush Mount Trim Adaptors



Round Flush Mount

EL3FMR



Square Flush Mount

EL3FMS

Compatible Products

For use with Koto™ LED Module

4" Koto™ Dedicated LED ICA Housings



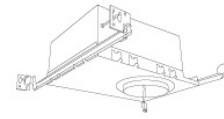
4" ICA Maximum Adjustability Housing
New Construction

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

4" Pex™ Round Twist-On Trims



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 Koto™ LED Module

4" Pex™ Square Twist-On Trims



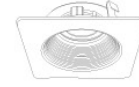
Reflector
ELK4218
Finishes:
(W, BB, BZ, B, C, H)



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



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



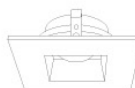
Adjustable Phenolic Baffle
ELK4293
Finishes:
(W, BB, B)



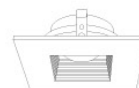
Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)



Adjustable Wall Wash
ELK4222
Finishes:
(W)



Adjustable Reflector
ELK4282
Finishes:
(W)



Adjustable Baffle
ELK4284
Finishes:
(W)

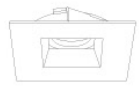
4" Flexa™ Twist-On Trims



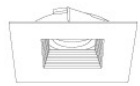
Round Reflector
ELK4721
Finishes:
(WW, BB, BZBZ, BW, CC, CW, HW, CN)



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 **Koto™ LED Module**

4" Pex™ Trimless

• Only for use with EL485ICA & EL490AJICA



**Round Spackle
Frame Only**
EL4SFR



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



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



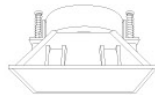
**Adjustable Reflector
with Spackle Frame**
ELK430
Finishes:
(W, B, BZ, H)



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



Sq. Spackle Frame
EL4SFS



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

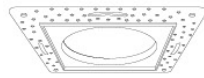


Sq. Adjustable Reflector
ELK459
Finishes:
(W, B, H)

4" Flush Mount Trim Adaptors



Round Flush Mount
EL4FMR



Square Flush Mount
EL4FMS

Compatible Products

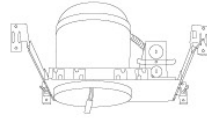
For use with **Koto™ LED Module**

6" Koto™ Dedicated LED ICA Housings



2-Hour Fire Rated 6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL76FICA	7 3/4" Height



6" Standard ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL770ICA	7 1/2" Height



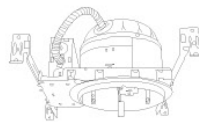
6" Standard ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL770RICA	7 1/2" Height



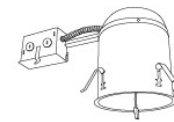
2-Hour Shallow Fire Rated 6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL75FICAS	6 3/16" Height



6" Shallow ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL760ICA	5 1/2" Height



6" Shallow ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL760RICA	5 1/2" Height

6" Twist-On Trims



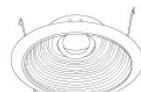
Round Reflector

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)



Round Deep Reflector

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



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)

Compatible Products

For use with **Koto™ LED Module**

2" Koto Sylo™ Build-Your-Own



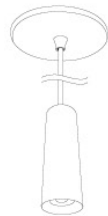
2" Koto Sylo Housing
Surface Mount

CAT NO.	SPECIFICATIONS
EKS25SFW	White Finish
EKS25SFB	Black Finish
EKS25SFS	Silver Finish



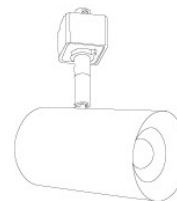
2" Koto Sylo Housing
Monopoint

CAT NO.	SPECIFICATIONS
EKS25MPW	White Finish
EKS25MPB	Black Finish
EKS25MPS	Silver Finish



2" Koto Sylo Housing
Pendant

CAT NO.	SPECIFICATIONS
EKS25PDW	White Finish
EKS25PDB	Black Finish
EKS25PDS	Silver Finish



2" Koto Sylo Housing
Surface Mount

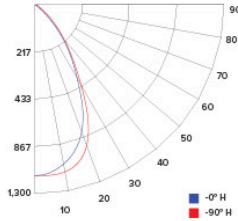
CAT NO.	SPECIFICATIONS
EKS25TRW	White Finish
EKS25TRB	Black Finish
EKS25TRS	Silver Finish

Photometric Report

Koto™ LED Module

PHOTOMETRIC REPORT

Product #: ELK0730
Wattage / Lumens: 10.6W / 813.8 lm
Luminaire LPW: 76.7 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	1186
5	1188
15	1004
25	536
35	254
45	93
55	27
65	12
75	6
85	3
90	1

ILLUMINANCE AT A DISTANCE

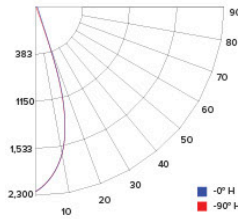
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	102.6	3.2'
6'	36.0	4.8'
8'	18.5	6.4'
10'	12.5	8.0'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	580.1	71.3
0-40°	714.6	87.8
0-60°	797.0	98
0-90°	813.5	100

PHOTOMETRIC REPORT

Product #: ELK0735
Wattage / Lumens: 10W / 947.4 lm
Luminaire LPW: 95 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	2249
5	2075
15	1257
25	388
35	72
45	31
55	21
65	11
75	5
85	0
90	0

ILLUMINANCE AT A DISTANCE

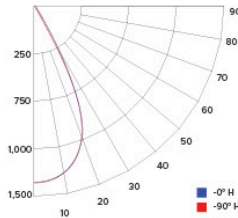
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	194.5	2.5'
6'	68.4	3.8'
8'	35.1	5.2'
10'	23.6	6.4'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	812.7	85.8
0-40°	876.7	92.6
0-60°	919.5	97.1
0-90°	936.3	98.9

PHOTOMETRIC REPORT

Product #: ELK0930
Wattage / Lumens: 10W / 972 lm
Luminaire LPW: 97 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	1455
5	1397
15	1175
25	655
35	306
45	116
55	38
65	16
75	7
85	2
90	1

ILLUMINANCE AT A DISTANCE

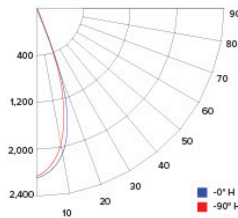
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	125.9	3.1'
6'	44.3	4.7'
8'	22.7	6.3'
10'	15.3	7.8'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	685.9	70.6
0-40°	846.0	87.1
0-60°	946.8	97.5
0-90°	965.8	99.4

PHOTOMETRIC REPORT

Product #: ELK0935
Wattage / Lumens: 10W / 990.8 lm
Luminaire LPW: 99 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	2295
5	2215
15	1501
25	569
35	104
45	37
55	25
65	15
75	9
85	6
90	6

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	198.3	2.5'
6'	69.8	3.8'
8'	35.9	5.2'
10'	24.1	6.4'

ZONAL LUMEN SUMMARY

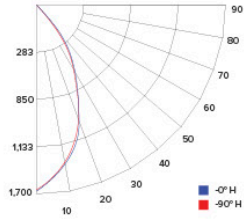
Zone	Lumens	%Luminaire
0-30°	826.6	83.5
0-40°	890.6	89.9
0-60°	937.1	94.6
0-90°	962	97.1

Photometric Report

Koto™ LED Module

PHOTOMETRIC REPORT

Product #: ELK1130
 Wattage / Lumens: 10W / 971.7 lm
 Luminaire LPW: 97 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1673
5	1607
15	1351
25	754
35	352
45	133
55	44
65	18
75	8
85	3
90	1

ILLUMINANCE AT A DISTANCE

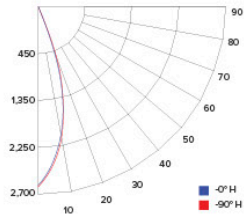
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	144.3	3.1'
6'	50.9	4.7'
8'	26.1	6.3'
10'	17.6	7.8'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	788.8	70.6
0-40°	972.9	87.1
0-60°	1,088.8	97.5
0-90°	1,110.6	99.4

PHOTOMETRIC REPORT

Product #: ELK1135
 Wattage / Lumens: 10.3W / 1112.9 lm
 Luminaire LPW: 108 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2606
5	2321
15	1304
25	343
35	60
45	28
55	18
65	9
75	0
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	225.4	2.5'
6'	79.3	3.8'
8'	40.7	5.2'
10'	27.4	6.4'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	959.2	86.2
0-40°	1,037.4	93.3
0-60°	1,085.9	97.6
0-90°	1,102.1	99.1