Project name: _____

Fixture type: _____

Date: _____

Koto Focus™ Architectural LED Light Engine

Koto™ Adjustable Beam 18º - 50º Angles. Works with 3″ and 4″ Architectural Recessed Housings and Koto™ Trims
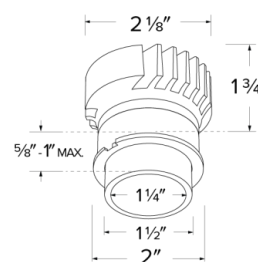
Features

- Light engine used with Koto™ Architectural Housings
- See Koto™ Architectural housings for lumen output options
- Driver on housing extends lifespan and allows for more dimming and EM options
- Adjustable Focus: 18º to 50º with a simple twist of the lens
- Works in 3″ and 4″ ELCO housings with Koto™ twist-&-lock trims
- Excellent color rendering 95+ CRI
- Title 24 JA8 2016 Registered
- Life span of 50,000 hours L70
- Covered by US PATENT 10914465, Other Patents Pending

Technical Details

Optics: PC lens diffuses light evenly throughout while reducing glare with LED COB technology.

Construction: Diecast aluminum body with heat fins allow for efficient cooling.

Compatible Housings: Koto™ Module is compatible with Architectural Housings: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.

• E3LK65ICA, E3LK66ICAD, E3LK65RICA, ELK72FICA, ELK73FICAD (10W, 250mA)   _ELK21 Delivered Lumens:_ 2700K: 890 lm, 3000K: 930 lm, 3500K: 990 lm, 4000K: 1020 lm

• E3LK76ICA, E3LK77ICAD, E4LK98ICA, E4LK99ICAD (15W, 350mA)
 ELK21 Delivered Lumens: 2700K:1140 lm, 3000K:1200 lm, 3500K: 1270 lm, 4000K: 1390 lm

• E3LK53ICA, E3LK54ICAD, E4LK47ICA, E4LK48ICAD (17W, 400mA)
ELK21 Delivered Lumens: 2700K:1220 lm, 3000K:1290 lm, 3500K: 1360 lm, 4000K: 1400 lm

• E3LK85ICAD, E4LK79ICAD (19W, 450mA)
ELK21 Delivered Lumens: 2700K:1360 lm, 3000K:1430 lm, 3500K: 1510 lm, 4000K: 1690 lm

Installation: Twist-lock design for toolless trim installation, for use with Koto™ trims only. Adjustable Focus: 18º to 50º with a simple twist of the lens. Can be used in 3" and 4" Architectural Koto™ Housings only.

LED Technology: Extremely accurate Color Rendering Index (CRI) 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. No LED pixelation.

Dimmability: Based on housing used. See Koto™ Architectural Housings for options.

Listings: UL Listed for Damp Locations. UL Listed for Wet Location with Wet location trims. RoHS

Specifications

Lumens	1690 MAX lm - 1690 MAX. lm
Color Temp.	2700K - 4000K
Lamp Type	LED
Beam Angle	18º - 50º
CRI	95+
Wet Location	UL Listed w/Wet Location Trims
Damp Location	UL Listed

Dimensions

Product Numbers

Item	Lamp type	Lumens	CCT	Beam Angle
ELK2127D-FC	LED	1690 MAX. lm	2700K	18º - 50º
ELK2130D-FC	LED	1690 MAX. lm	3000K	18º - 50º
ELK2135D-FC	LED	1690 MAX. lm	3500K	18º - 50º
ELK2140D-FC	LED	1690 MAX lm	4000K	18º - 50º

Compliant. California Title 24 JA8-2016-E.

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

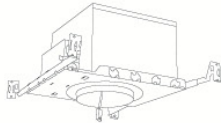# Product Number Builder   Example: **ELK2127D-FC**

Koto™ Focus Architectural LED Light Engine	Lumens	Color Temp.	Beam Angle
ELK			
	21 890 lm - 1690 lm	**27D** 2700K	**-FC** 18º - 50º
		30D 3000K	
		35D 3500K	
		40D 4000K	

Compatible Products

EL ELCO Lighting

For use with **Koto™ Architectural LED Light Engine**

3" Koto™ Architectural Recessed Housings

3" High Lumen Maximum Adjustability ICA Housing
1500 lm (18.9W) w/ELK21 Series Module
Not for use with ELK19 Series Module
New Construction

CAT NO.	SPECIFICATIONS
E3LK85ICAD	120/277V - 0-10V/Triac/ELV
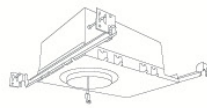
3" Shallow Maximum Adjustability ICA Housing
850 lm (14.7W) w/ELK19 Series Module
1100 lm (14.7W) w/ELK21 Series Module
New Construction

CAT NO.	SPECIFICATIONS
E3LK76ICA	120V - Triac/ELV
E3LK77ICAD	120/277V - 0-10V/Triac/ELV
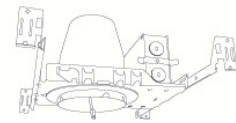
3" Standard ICA Housing
750 lm (10.5W) w/ELK19 Series Module
950 lm (10.5W) w/ELK21 Series Module
New Construction

CAT NO.	SPECIFICATIONS
E3LK65ICA	120V - Triac/ELV
E3LK65ICA-EM1	Emergency Battery Back-Up
E3LK66ICAD	120/277V - 0-10V/Triac/ELV
E3LK66ICAD-EM1	Emergency Battery Back-Up

3" Standard ICA Housing
750 lm (10.5W) w/ELK19 Series Module
950 lm (10.5W) w/ELK21 Series Module
Remodel

CAT NO.	SPECIFICATIONS
E3LK65RICA	120V - Triac/ELV

2-Hour Fire Rated 3" ICA Housing
750 lm (10.5W) w/ELK19 Series Module
950 lm (10.5W) w/ELK21 Series Module
New Construction

CAT NO.	SPECIFICATIONS
ELK72FICA	120V - Triac/ELV
ELK73FICAD	120/277V - 0-10V/Triac/ELV

3" Pex™ Twist-&-Lock 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
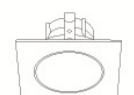ELK3627
Finishes:
(B, BB, BZ)

Round Adjustable Baffle
ELK3693
Finishes:
(W)

Round Adj. Slot Aperture
ELK3620
Finishes:
(W)

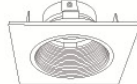**Round Adj. Wall Wash**
ELK3622
Finishes:
(W)

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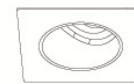ELK3318
Finishes:
(W, BB, BZ, B, C, H)

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

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

Square Adjustable Baffle
ELK3393
Finishes:
(W)

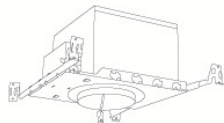**Square Adj. Wall Wash**
ELK3322
Finishes:
(W)

Must be used with Maximum Adjustability Housing

Compatible Products

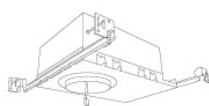For use with **Koto™** **Architectural LED Light Engine**

4" Koto™ Architectural Recessed Housings

4" High Lumen Maximum Adjustability ICA Housing
1500 lm (18.9W) w/ELK21 Series Module
Not for use with ELK19 Series Module
New Construction

CAT NO.	SPECIFICATIONS
E4LK79ICAD	120/277V - 0-10V/Triac/ELV

4" Shallow Maximum Adjustability ICA Housing
850 lm (14.7W) w/ELK19 Series Module
1100 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
750 lm (11.8W) w/ELK19 Series Module
950 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
750 lm (11.8W) w/ELK19 Series Module
950 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
ELK94TFICAD	120/277V - 0-10V/Triac/ELV

4" Pex™ Round Twist-&-Lock 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
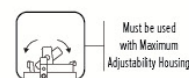**ELK4193**
Finishes:
(W, BB, B)

Slot Aperture
ELK4130
Finishes:
(W)

Rotatable Slot Aperture
ELK4120
Finishes:
(W)

Adj. Wall Wash
ELK4122
Finishes:
(W)

Must be used with Maximum Adjustability Housing

Compatible Products

For use with Koto™ Architectural LED Light Engine

4" Pex™ Square Twist-&-Lock Trims

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

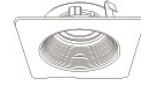**Adjustable Gimbal**
ELK4229
Finishes:
(W, BB, BZ, B, C, H)

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

Adjustable Phenolic Baffle
ELK4293
Finishes:
(W, BB, B)
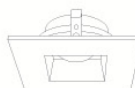
Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)

Adjustable Baffle
ELK4284
Finishes:
(W)

Must be used
with Maximum
Adjustability Housing

4" Pex™ Adjustable Trimless

Smooth Reflector
ELK430
Finishes:
(W, B, BZ)

Baffle
ELK434
Finishes:
(W, B, BZ)

Must be used
with Maximum
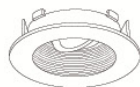Adjustability Housing

4" Flexa™ Twist-&-Lock Trims

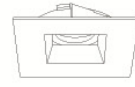**Round Reflector**
ELK4721
Finishes:
(WW, BB, BZBZ, BW, CC, CW, HW, CN)

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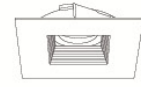Finishes:
(WW, BB, BZBZ, BW)

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