

# Koto™ Architectural LED Light Engine

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



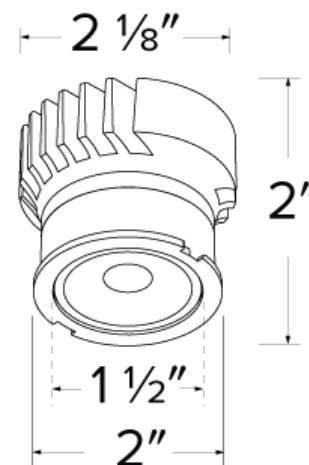
## Features

- Light engine used with Koto™ Architectural Housings
- See Koto™ Architectural housings for lumen output options. Final lumen output is determined by housing.
- Driver on housing extends lifespan and allows for more dimming and EM options
- 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), Frosted Lens (L49),
- Optional Reflectors: 15° (EP735C), 25° (EP736C), 38° (EP737C), 60° (EP738C)
- Works in 2", 3", 4" & 6" ELCO Housings with Koto™ twist-on trims
- Excellent color rendering 95+ CRI
- Sunset option dims from 3000K to 1800K
- ENERGY STAR Certified
- Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70
- Covered by U.S. PATENTS and Patents Pending

## Specifications

|                      |                                |
|----------------------|--------------------------------|
| <b>Wattage</b>       | 14.7 MAX.W                     |
| <b>Lumens</b>        | 1050 MAX. lm                   |
| <b>Color Temp.</b>   | 4000K                          |
| <b>Lamp Type</b>     | LED                            |
| <b>Beam Angle</b>    | 90°                            |
| <b>CRI</b>           | 95                             |
| <b>Wet Location</b>  | cUL Listed w/Wet Location Trim |
| <b>Damp Location</b> | cUL Listed                     |

## Dimensions



## 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:

- 120V/277V 0-10V/Triac/ELV (3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver to 1%)
- 120V Triac/ELV with optional Emergency Battery Backup.

• E2LK57RICAD, E3LK65ICA, E3LK66ICAD, E3LK65RICA, E3LK66RICAD, E4LK87ICA, E4LK88ICAD, E4LK87RICA, E4LK88RICAD, ELK72FICA, ELK73FICAD (10W, 250mA) **ELK19 Delivered Lumens:** 2700K: 750 lm, 3000K: 770 lm, 3500K: 790 lm, 4000K: 810 lm, Sunset: 750 lm **ELK21 Delivered Lumens:** 2700K: 890 lm, 3000K: 930 lm, 3500K: 990 lm, 4000K: 1020 lm **ELK24 Delivered Lumens:** 2700K: 1016 lm, 3000K: 1060 lm, 3500K: 1100 lm, 4000K: 1150 lm

• E2LK34ICA, E2LK35ICAD, E3LK76ICA, E3LK77ICAD, E4LK98ICA, E4LK99ICAD (15W, 350mA) **ELK19 Delivered Lumens:** 2700K: 970 lm, 3000K: 1000 lm, 3500K: 1030 lm, 4000K: 1050 lm, Sunset: 940 lm **ELK21 Delivered Lumens:** 2700K: 1140 lm, 3000K: 1200 lm, 3500K: 1270 lm, 4000K: 1390 lm **ELK24 Delivered Lumens:** 2700K: 1390 lm, 3000K: 1450 lm, 3500K: 1510 lm, 4000K: 1570 lm

• E2LK41ICA, E2LK42ICAD, E3LK53ICA, E3LK54ICAD, E4LK47ICA, E4LK48ICAD (17W, 400mA) **ELK21 Delivered Lumens:** 2700K: 1220 lm, 3000K: 1290 lm, 3500K: 1360 lm, 4000K: 1400 lm **ELK24 Delivered Lumens:** 2700K: 1550 lm, 3000K: 1620 lm, 3500K: 1685 lm, 4000K: 1750 lm

• E2LK94ICA, E2LK95ICAD, E3LK84ICA, E3LK85ICAD, E4LK78ICA, E4LK79ICAD, E6LK56ICA, E6LK57ICAD (19W, 450mA) **ELK21 Delivered Lumens:** 2700K: 1360 lm, 3000K: 1430 lm, 3500K: 1510 lm, 4000K: 1690 lm

## Product Number

| Item              | Lamp type | Lumens       | CCT   | Watts     | Beam Angle |
|-------------------|-----------|--------------|-------|-----------|------------|
| <b>ELK1940D-E</b> | LED       | 1050 MAX. lm | 4000K | 14.7 MAX. | 90°        |

| Compatible Architectural Housings - LUMEN OUTPUT per module |                                                          |                                          |                                          |                                                        |                          |
|-------------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------------------------|--------------------------|
| Architectural Koto™ LED Module                              | Standard Housings (10W)                                  | Shallow Housings (15W)                   | High Lumen Housings (17W)                | High Lumen Housings (19W)                              | 2-Hr Fire Rated Housings |
|                                                             | E2LK5 Series, E3LK6 Series, E4LK8 Series, E6LK37 Series* | E2LK3 Series, E3LK7 Series, E4LK9 Series | E2LK4 Series, E3LK5 Series, E4LK4 Series | E2LK9 Series, E3LK8 Series, E4LK7 Series, E6LK5 Series | ELK7 Series, ELK9 Series |
| ELK19 Series                                                | ~750 lm                                                  | ~1000 lm                                 | Not Compatible                           | Not Compatible                                         | ~750 lm                  |
| ELK21 Series                                                | ~950 lm                                                  | ~1200 lm                                 | ~1450 lm                                 | ~1650 lm                                               | ~950 lm                  |
| ELK24 Series                                                | ~1100 lm                                                 | ~1400 lm                                 | ~1750 lm                                 | ~1950 lm                                               | ~1100 lm                 |

\* For ELK21 & ELK24 Series Only

**Installation:** Twist-on design for toolless trim installation, for use with Koto™ trims only. Can be use in 2", 3" & 4" Architectural Koto™ Housings only.

**LED Technology:** Extremely accurate Color Rendering Index (CRI) 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. 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:** Based on housing used. See Koto™ Architectural Housings for options.

**Listings:** cUL Listed for Damp Locations. cUL Listed for Wet Location with Wet location trims. RoHS Compliant. ENERGY STAR® Certified. California Title 24 JA8-2019.

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

## Product Number Builder

Example: **ELK1927D**

| Koto™ Architectural LED Module | Lumens (Wattage)                                 | Color Temp.                                   | Beam Angle                 |
|--------------------------------|--------------------------------------------------|-----------------------------------------------|----------------------------|
| <b>ELK</b>                     |                                                  |                                               |                            |
|                                | <b>19</b> Up to 1050 lm (14.7W MAX) <sup>1</sup> | <b>27D</b> 2700K                              | 38º <sup>4</sup>           |
|                                | <b>21</b> Up to 1690 lm (18.9W MAX) <sup>1</sup> | <b>30D</b> 3000K                              | <b>-S</b> 18º              |
|                                | <b>24</b> Up to 1950 lm (18.9W MAX) <sup>1</sup> | <b>35D</b> 3500K                              | <b>-N</b> 25º              |
|                                |                                                  | <b>40D</b> 4000K                              | <b>-W</b> 60º              |
|                                |                                                  | <b>SD</b> Sunset (ELK19 Only) <sup>2, 3</sup> | <b>-E</b> 90º <sup>5</sup> |

<sup>1</sup> Lumen output varies based on the architectural Koto housing used

<sup>2</sup> Available with ELK19 module only

<sup>3</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

<sup>4</sup> 38° lens installed. Includes 25° and 60° lens with module.

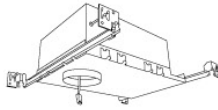
<sup>5</sup> 90° Frosted Reflector

# Compatible Products

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

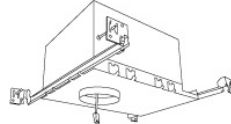


## 2" Koto™ Architectural Recessed Housings



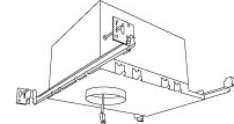
2" Shallow Maximum Adjustability ICA Housing  
1000 lm (14.7W) w/ELK19 Series Module  
1200 lm (14.7W) w/ELK21 Series Module  
1500 lm (14.7W) w/ELK24 Series Module  
**Shallow New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E2LK34ICA  | 120V - Triac/ELV                        |
| E2LK35ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



2" Maximum Adjustability ICA Housing  
1350 lm (15.7W) w/ELK21 Series Module  
1650 lm (15.7W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                         |
|------------|----------------------------------------|
| E2LK41ICA  | 120V - Triac/ELV                       |
| E2LK42ICAD | 120/27V - 0-10V/Triac/ELV <sup>1</sup> |



2" Maximum Adjustability ICA Housing  
1500 lm (18.9W) w/ELK21 Series Module  
1850 lm (18.9W) w/ELK24 Series Module  
**High Lumen New Construction**

| CAT NO.    | SPECIFICATIONS                         |
|------------|----------------------------------------|
| E2LK94ICA  | 120V - Triac/ELV                       |
| E2LK95ICAD | 120/27V - 0-10V/Triac/ELV <sup>1</sup> |

<sup>1</sup> 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver to 1%

## 2" Pex™ Twist-On Trims



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



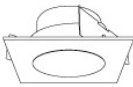
**Round Adjustable Reflector**  
**ELK2829**  
Finishes:  
(W, B, H, BB, BZ)



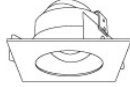
**Round Adjustable Pinhole**  
**ELK2827**  
Finishes:  
(W, B, BB, BZ)



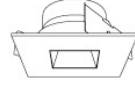
**Round Curved Reflector**  
**ELK2872**  
Finishes:  
(W, B\*)



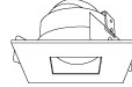
**Square Deep Reflector**  
**ELK2518**  
Finishes:  
(W, B, BB)



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



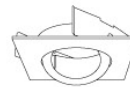
**Square Reflector**  
**ELK2541**  
Finishes:  
(W, B, BB)



**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 **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  
1650-1850 lm (18.9W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E3LK53ICA  | 120V - Triac/ELV                        |
| E3LK54ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E3LK84ICA  | 120V - Triac/ELV                        |
| E3LK85ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



3" Shallow Maximum Adjustability ICA Housing  
850 lm (14.7W) w/ELK19 Series Module  
1100 lm (14.7W) w/ELK21 Series Module  
1500 lm (14.7W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E3LK76ICA  | 120V - Triac/ELV                        |
| E3LK77ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



3" Standard ICA Housing  
750 lm (10.5W) w/ELK19 Series Module  
950 lm (10.5W) w/ELK21 Series Module  
1350 lm (10.5W) w/ELK24 Series Module  
**New Construction**

| CAT NO.        | SPECIFICATIONS                          |
|----------------|-----------------------------------------|
| E3LK65ICA      | 120V - Triac/ELV                        |
| E3LK65ICA-EM1  | Emergency Battery Back-Up               |
| E3LK66ICAD     | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| 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  
1350 lm (10.5W) w/ELK24 Series Module  
**Remodel**

| CAT NO.     | SPECIFICATIONS                          |
|-------------|-----------------------------------------|
| E3LK65RICA  | 120V - Triac/ELV                        |
| E3LK66RICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



2-Hour Fire Rated 3" ICA Housing  
750 lm (10.5W) w/ELK19 Series Module  
950 lm (10.5W) w/ELK21 Series Module  
1350 lm (10.5W) w/ELK24 Series Module  
**New Construction**

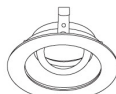
| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| ELK72FICA  | 120V - Triac/ELV                        |
| ELK73FICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |

<sup>1</sup> 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver to 1%

## 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)



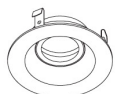
**Round Adjustable Pinhole**  
**ELK3627**  
Finishes:  
(B, BB, BZ, B, H)



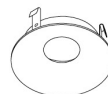
**Round Adj. Slot Aperture**  
**ELK3620**  
Finishes:  
(W)



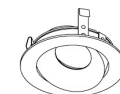
**Round Adj. Wall Wash**  
**ELK3622**  
Finishes:  
(W)



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



**Round Curved Reflector**  
**ELK3672**  
Finishes:  
(W, B)



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

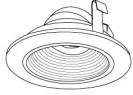
Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B\*** - All Black (For ELK3672)

# Compatible Products

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

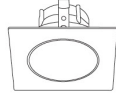


## 3" Pex™ Twist-On Trims



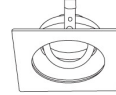
**Round Adjustable Baffle**

**ELK3693**  
Finishes:  
(W)



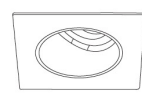
**Square Deep Reflector**

**ELK3318**  
Finishes:  
(W, BB, BZ, B, C, H)



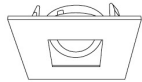
**Square Adjustable Reflector**

**ELK3329**  
Finishes:  
(W, BB, BZ, B, C, H)



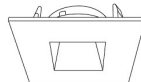
**Square Adj. Wall Wash**

**ELK3322**  
Finishes:  
(W)



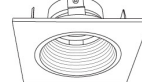
**Square Adjustable Pinhole**

**ELK3327**  
Finishes:  
(W, BB, BZ, B, H)



**Square Reflector**

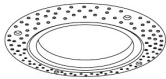
**ELK3341**  
Finishes:  
(W, BB, BZ, B)



**Square Adjustable Baffle**

**ELK3393**  
Finishes:  
(W)

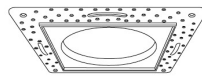
## 3" Pex™ Flush Mount Trim Adaptors



**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



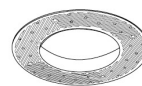
**Round Trimless Reflector**

**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)



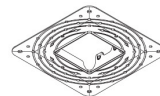
**Square Trimless Reflector**

**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 **Koto™ Architectural LED Light Engine**



## 4" Koto™ Architectural Recessed Housings



4" High Lumen Maximum Adjustability ICA Housing  
1500 lm (15.7W) w/ELK21 Series Module  
1650-1850 lm (15.7W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E4LK47ICA  | 120V - Triac/ELV                        |
| E4LK48ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E4LK78ICA  | 120V - Triac/ELV                        |
| E4LK79ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



4" Shallow Maximum Adjustability ICA Housing  
850 lm (14.7W) w/ELK19 Series Module  
1100 lm (14.7W) w/ELK21 Series Module  
1500 lm (14.7W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E4LK98ICA  | 120V - Triac/ELV                        |
| E4LK99ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



4" Standard ICA Housing  
750 lm (11.8W) w/ELK19 Series Module  
950 lm (11.8W) w/ELK21 Series Module  
1350 lm (11.8W) w/ELK24 Series Module  
**New Construction**

| CAT NO.        | SPECIFICATIONS                          |
|----------------|-----------------------------------------|
| E4LK87ICA      | 120V - Triac/ELV                        |
| E4LK87ICA-EM1  | Emergency Battery Back-Up               |
| E4LK88ICAD     | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| 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  
1350 lm (11.8W) w/ELK24 Series Module  
**Remodel**

| CAT NO.     | SPECIFICATIONS                          |
|-------------|-----------------------------------------|
| E4LK87RICA  | 120V - Triac/ELV                        |
| E4LK88RICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



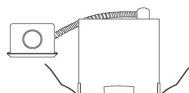
2-Hour Fire Rated 4" ICA Housing  
750 lm (11.8W) w/ELK19 Series Module  
950 lm (11.8W) w/ELK21 Series Module  
1100 lm (11.8W) w/ELK24 Series Module  
**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| ELK93FICA  | 120V - Triac/ELV                        |
| ELK94FICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



4" ICA Housing for 2-Hr Fire Rated Ceilings  
**New Construction**  
Compatible Trims: ELK4116, ELK4127, ELK4129, ELK4188, ELK4710, ELK4713, ELK4715, ELK4216, ELK4229, ELK4227, ELK4714, & ELK4716

| CAT NO.        | SPECIFICATIONS                          |
|----------------|-----------------------------------------|
| E4JB85ICA      | 120V - Triac/ELV                        |
| E4JB85ICA-EM1  | Emergency Battery Back-Up               |
| E4JB86ICAD     | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E4JB86ICAD-EM1 | Emergency Battery Back-Up               |



4" ICA Housing for 2-Hr Fire Rated Ceilings  
**Remodel**  
Compatible Trims: ELK4116, ELK4127, ELK4129, ELK4188, ELK4710, ELK4713, ELK4715, ELK4216, ELK4229, ELK4227, ELK4714, & ELK4716

| CAT NO.         | SPECIFICATIONS                          |
|-----------------|-----------------------------------------|
| E4JB85RICA      | 120V - Triac/ELV                        |
| E4JB85RICA-EM1  | Emergency Battery Back-Up               |
| E4JB86RICAD     | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E4JB86RICAD-EM1 | Emergency Battery Back-Up               |

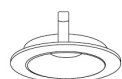
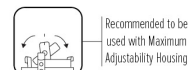
<sup>1</sup> 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver to 1%

# Compatible Products

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

**EL ELCO Lighting**

## 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)



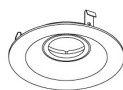
**Adjustable Pinhole with Frosted Glass**  
**ELK4125**  
Finishes:  
(W, BB, BZ, B, H)



**Slot Aperture**  
**ELK4130**  
Finishes:  
(W)



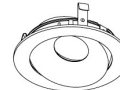
**Adjustable Spot**  
**ELK4188**  
Finishes:  
(W, B, BZ)



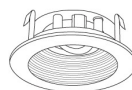
**Regressed Eyeball**  
**ELK4153**  
Finishes:  
(W, BB, B)



**Curved Reflector**  
**ELK4172**  
Finishes:  
(W, B)



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



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



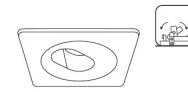
**Shallow Reflector**  
**ELK4216**  
Finishes:  
(W, H)



**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

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 **Koto™ Architectural LED Light Engine**

**EL ELCO Lighting**

## 4" Pex™ Trimless



**Round Trimless Reflector**

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



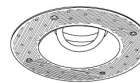
**Round Adj. Trimless Reflector**

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



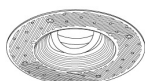
**Round Trimless Spackle Frame**

**EL4SFR**  
For use with ELK408 & ELK415



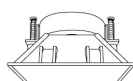
**Smooth Reflector**

**ELK430**  
Finishes:  
(W, B, BZ)



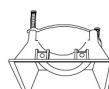
**Baffle**

**ELK434**  
Finishes:  
(W, B, BZ)



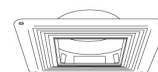
**Square Trimless Reflector**

**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)

## 4" Flexa™ Twist-On Trims



**Round Reflector**

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



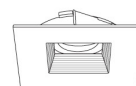
**Round Baffle**

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



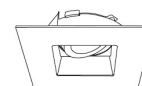
**Square Reflector**

**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**

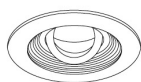
**ELK4759**  
Finishes:  
(WW, BB, B, H)  
*\*Not for Remodel Housing*

## 4" Unique™ Twist-On Trims



**Round Adjustable Reflector**

**ELK4710**  
Finishes:  
(W, B, BZ)



**Round Adjustable Baffle**

**ELK4713**  
Finishes:  
(W, BZ)



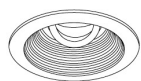
**Round Wall Wash**

**ELK4715**  
Finishes:  
(W, BZ)



**Round Adj. Deep Reflector**

**ELK4717**  
Finishes:  
(W, BZ)



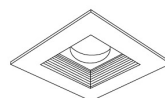
**Round Adj. Deep Baffle**

**ELK4719**  
Finishes:  
(W)



**Square Reflector**

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



**Square Baffle**

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

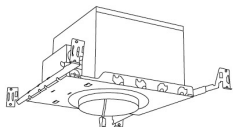
\*Finishes: **W** - All White, **WW** - All White, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring, **BB** - All Black, **BZ** - All Bronze, **CC** - All Chrome, **BZBZ** - All Bronze, **BW** - Black Reflector w/White Ring, **CW** - Chrome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

# Compatible Products



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

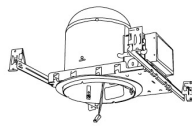
## 6" Koto™ Architectural Recessed Housings



6" High Lumen Maximum Adjustability ICA Housing  
1250 lm (15.9W) w/ELK21 Series Module  
1650-1800 lm (18.9W) w/ELK24 Series Module

**New Construction**

| CAT NO.    | SPECIFICATIONS                          |
|------------|-----------------------------------------|
| E6LK43ICA  | 120V - Triac/ELV                        |
| E6LK44ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E6LK56ICA  | 120V - Triac/ELV                        |
| E6LK57ICAD | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |



6" Standard ICA Housing  
1100 lm (14.7W) w/ELK21 Series Module  
1500 lm (14.7W) w/ELK24 Series Module

**New Construction**

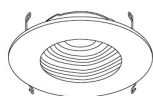
| CAT NO.        | SPECIFICATIONS                          |
|----------------|-----------------------------------------|
| E6LK37ICA      | 120V - Triac/ELV                        |
| E6LK37ICA-EM1  | Emergency Battery Back-Up               |
| E6LK38ICAD     | 120/277V - 0-10V/Triac/ELV <sup>1</sup> |
| E6LK38ICAD-EM1 | Emergency Battery Back-Up               |

## 5" & 6" Pex™ Twist-On Trims



**5" Round Reflector**

**ELK5421**  
Finishes:  
(W)



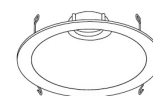
**5" Round Baffle**

**ELK5493**  
Finishes:  
(W)



**6" Round Reflector**

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



**6" Round Adj. Reflector**

**ELK6429**  
Finishes:  
(W, BB, BZ, H)



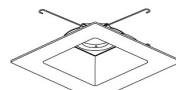
**6" Round Adj. Slot Aperture**

**ELK6420W**  
Finishes:  
(W)



**6" Round Adj. Pinhole Reflector**

**ELK6427**  
Finishes:  
(W, B, H)



**6" Square Adj. Reflector**

**ELK6829**  
Finishes:  
(W, BB, H)

## 6" Flexa™ Twist-On Trims



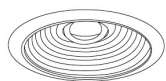
**6" Round Reflector**

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



**6" Round Adjustable Reflector**

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



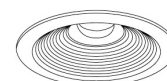
**6" Round Adjustable Baffle**

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



**6" Round Reflector**

**ELK6710**  
Finishes:  
(W, B, BZ)



**6" Round Baffle**

**ELK6713**  
Finishes:  
(W, BZ)



**6" Round Wall Wash**

**ELK6715**  
Finishes:  
(W, BZ)

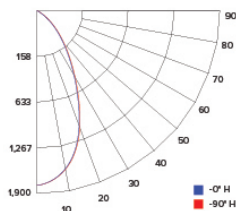
Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black w/White Ring, **C** - Chrome w/White Ring, **H** - Haze w/White Ring, **B\*** - All Black (For ELK6710, ELK6713, ELK6715)

# Photometric Report

## Koto™ Architectural LED Module

### PHOTOMETRIC REPORT

Product #: ELK2127D  
Wattage / Lumens: 12.22W / 1169.3 lm  
Luminaire LPW: 95.7 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 1829 |
| 5                | 1737 |
| 15               | 1353 |
| 25               | 683  |
| 35               | 328  |
| 45               | 123  |
| 55               | 39   |
| 65               | 17   |
| 75               | 8    |
| 85               | 2    |
| 90               | 1    |

### ILLUMINANCE AT A DISTANCE

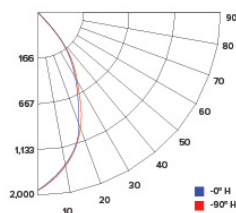
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 114                     | 3.0'          |
| 6'                       | 50.8                    | 4.6'          |
| 8'                       | 28.6                    | 6.1'          |
| 10'                      | 18.3                    | 7.6'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 834.5   | 71.2       |
| 0-40° | 1,022.9 | 87.3       |
| 0-60° | 1,140.0 | 97.3       |
| 0-90° | 1,169.3 | 99.4       |

### PHOTOMETRIC REPORT

Product #: ELK2130D  
Wattage / Lumens: 12.22W / 1218 lm  
Luminaire LPW: 99.6 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 1900 |
| 5                | 1805 |
| 15               | 1406 |
| 25               | 710  |
| 35               | 341  |
| 45               | 127  |
| 55               | 41   |
| 65               | 17   |
| 75               | 9    |
| 85               | 2    |
| 90               | 1    |

### ILLUMINANCE AT A DISTANCE

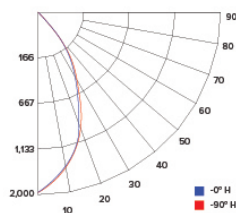
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 119                     | 3.0'          |
| 6'                       | 52.8                    | 4.6'          |
| 8'                       | 29.7                    | 6.1'          |
| 10'                      | 19.0                    | 7.6'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 867.0   | 71.2       |
| 0-40° | 1,062.8 | 87.3       |
| 0-60° | 1,184.4 | 97.3       |
| 0-90° | 1,209.7 | 99.4       |

### PHOTOMETRIC REPORT

Product #: ELK2135D  
Wattage / Lumens: 12.22W / 1271 lm  
Luminaire LPW: 104 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 1976 |
| 5                | 1877 |
| 15               | 1462 |
| 25               | 738  |
| 35               | 355  |
| 45               | 133  |
| 55               | 43   |
| 65               | 18   |
| 75               | 9    |
| 85               | 2    |
| 90               | 1    |

### ILLUMINANCE AT A DISTANCE

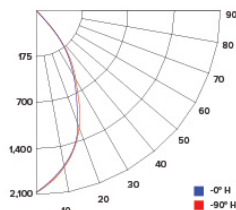
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 124                     | 3.0'          |
| 6'                       | 54.9                    | 4.6'          |
| 8'                       | 30.9                    | 6.1'          |
| 10'                      | 19.8                    | 7.6'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 901.7   | 71.2       |
| 0-40° | 1,105.3 | 87.3       |
| 0-60° | 1,231.8 | 97.3       |
| 0-90° | 1,258.1 | 99.4       |

### PHOTOMETRIC REPORT

Product #: ELK2140D  
Wattage / Lumens: 12.22W / 1322 lm  
Luminaire LPW: 108.2 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 2051 |
| 5                | 1948 |
| 15               | 1518 |
| 25               | 766  |
| 35               | 368  |
| 45               | 138  |
| 55               | 44   |
| 65               | 19   |
| 75               | 9    |
| 85               | 2    |
| 90               | 1    |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 128                     | 3.0'          |
| 6'                       | 57.0                    | 4.6'          |
| 8'                       | 32.1                    | 6.1'          |
| 10'                      | 20.5                    | 7.6'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 935.9   | 71.2       |
| 0-40° | 1,147.2 | 87.3       |
| 0-60° | 1,278.5 | 97.3       |
| 0-90° | 1,305.8 | 99.4       |

# Photometric Report

## Koto™ Architectural LED Module

### PHOTOMETRIC REPORT

Product #: ELK2130D-W (E4LK79ICAD)  
Wattage / Lumens: 17.9W / 1584.3 lm  
Luminaire LPW: 88.5 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1880 |
| 5               | 1753 |
| 15              | 1396 |
| 25              | 892  |
| 35              | 399  |
| 45              | 170  |
| 55              | 50   |
| 65              | 21   |
| 75              | 11   |
| 85              | 6    |
| 90              | 5    |

### ILLUMINANCE AT A DISTANCE

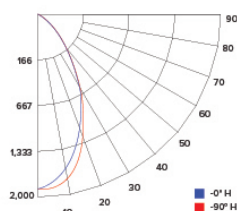
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 118                     | 3.9'          |
| 6'                       | 52.2                    | 5.9'          |
| 8'                       | 29.4                    | 7.9'          |
| 10'                      | 18.8                    | 9.8'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 1,042.6 | 65.8       |
| 0-40° | 1,346.3 | 85         |
| 0-60° | 1,545.5 | 97.6       |
| 0-90° | 1,584.0 | 100        |

### PHOTOMETRIC REPORT

Product #: ELK2135D-W (E4LK79ICAD)  
Wattage / Lumens: 17.9W / 1647.3 lm  
Luminaire LPW: 92 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1955 |
| 5               | 1824 |
| 15              | 1452 |
| 25              | 928  |
| 35              | 415  |
| 45              | 177  |
| 55              | 52   |
| 65              | 21   |
| 75              | 11   |
| 85              | 6    |
| 90              | 5    |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 122                     | 3.9'          |
| 6'                       | 54.3                    | 5.9'          |
| 8'                       | 30.6                    | 7.9'          |
| 10'                      | 19.6                    | 9.8'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 1,084.3 | 65.8       |
| 0-40° | 1,400.1 | 85         |
| 0-60° | 1,607.3 | 97.6       |
| 0-90° | 1,647.4 | 100        |