

# Koto™ Module with Pex™ 4" Sloped Ceiling Reflector with Clear Glass

Koto™ Module with Pex™ die-cast trim with twist-on system for easy installation.



## Features

- Koto™ Module with Pex™ Sloped Ceiling Reflector Trim with Clear Glass.
- Twist-On System for easy trim installation.
- Excellent color rendering 95+ CRI.
- Life span of 50,000 hours L70.
- Energy Star Certified.
- Title 24 JA8-2019 Compliant.
- 38° Standard, 25° & 60° (included), 18° (Optional)
- Optional: Linear Lens (L46), Spread Lens (L47), Clear Lens (L48).
- Covered by US Patents and Patents Pending

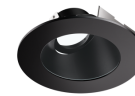
## Specifications

|                      |  |
|----------------------|--|
| <b>Wattage</b>       | 10W - 12.5W  |
| <b>Lumens</b>        | 1000 lm - 940 - 1100 lm                            |
| <b>Voltage</b>       | 120V   |
| <b>Color Temp.</b>   | 2700K - 4000K - 2700K, 3000K, 3500K, 4000K, 5000K  |
| <b>Dimmable</b>      | Triac/ELV  |
| <b>Lamp Type</b>     | LED  |
| <b>Beam Angle</b>    | 38° Standard, 25° & 60° (included), 18° (Optional) |
| <b>CRI</b>           | 95+  |
| <b>Wet Location</b>  | Listed   |
| <b>Damp Location</b> | Listed   |

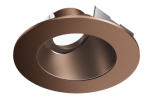
## Options



All White



All Black



All Bronze



Black/White Ring



Jaze/White Ring

## 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.

**Trim:** Pex™ Round Sloped Ceiling diecast aluminum with a powder coated finish.

**Installation:** Twist-on design for toolless trim installation, for use with Koto™ trims only. Can be used in 4" ELCO dedicated led housings with quick connect base.

**Compatible Housing:** Compatible with 4" Sloped Ceiling Housings: EL470ICA & EL470RICA

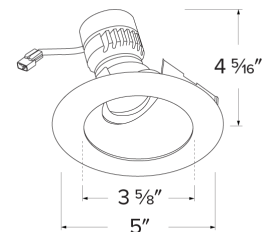
**Electrical:** Module connects to 120V power supply. High efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

**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.

**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.

**Listings:** Listed for Damp and Wet location. RoHS Compliant. Energy Star Certified. Title 24 JA8-2019

## Dimensions



## Product Numbers

| Description                    | Lamp type | Lumens       | CCT           | Watts | Voltage | Dimming   | Beam Angle   |
|--------------------------------|-----------|--------------|---------------|-------|---------|-----------|--|
| Koto LED Module (ELK07 Series) | LED       | 770 - 860 lm | 2700K - 4000K | 10W   | 120V    | Triac/ELV | 38° Standard, 25° & 60° (included), 18° (Optional) |

Compliant.

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

| Description                    | Lamp type | Lumens            | CCT                               | Watts | Voltage | Dimming   | Beam Angle   |
|--------------------------------|-----------|-------------------|-----------------------------------|-------|---------|-----------|--|
| Koto LED Module (ELK09 Series) | LED       | 940 - 1100 lm     | 2700K - 4000K, Sunset K           | 10W   | 120V    | Triac/ELV | 38° Standard, 25° & 60° (included), 18° (Optional) |
| Koto LED Module (ELK11 Series) | LED       | 1050 lm - 1260 lm | 2700K - 4000K, SunsetK            | 12.5W | 120V    | Triac/ELV | 38° Standard, 25° & 60° (included), 18° (Optional) |
| Koto LED Module (ELK08CT5)     | LED       | 825 lm            | 2700K, 3000K, 3500K, 4000K, 5000K | 10W   | 120V    | Triac/ELV | 38° Standard, 25° & 60° (included), 18° (Optional) |
| Koto LED Module (ELK10CT5)     | LED       | 1000 lm           | 2700K, 3000K, 3500K, 4000K, 5000K | 10W   | 120V    | Triac/ELV | 38° Standard, 25° & 60° (included), 18° (Optional) |

**Product Number Builder** Example:

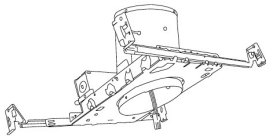
| Module         | Lumens   | Color Temp.  | Reflector                     | Finish  |
|----------------|--|--|-------------------------------|---|
| ELK LED Module | 07 770 lm - 860 lm<br>09 940 lm - 1100 lm<br>11 1050 lm - 1260 lm<br>08 (CT5) 825 lm<br>10 (CT5) 1000 lm | 27 2700K<br>30 3000K<br>35 3500K<br>40 4000K<br>50 Sunset<br>CT5 2700K - 5000K | ELK0847 Clear Glass Reflector | W All White<br>B9 All Black<br>BZ All Bronze<br>B Black with White Ring<br>H Haze with White Ring |

# Compatible Products

For use with **4" LED Sloped Inserts**

## 4" Dedicated LED Sloped Ceiling ICA Housings

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4" Sloped Ceiling Housing  
**New Construction**

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| EL470ICA | 14W MAX.       |



4" Sloped Ceiling Housing  
**Remodel**

| CAT NO.   | SPECIFICATIONS |
|-----------|----------------|
| EL470RICA | 14W MAX.       |



**ELCO Lighting**

# Dimmer Compatibility Chart

## Standard Koto™ LED Modules

For ELK07, ELK08CT5, ELK09, ELK10CT5, & ELK11 Series

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer  | Product   | Part Number                                   | Dimmed Light Output Range |
|---|---|---|---------------------------|
| Leviton   | Decora SureSlide® Single Pole with Slide -to-Off  | 6672  | 15% - 100%                |
|   | Leviton Dimmer  | 1K3502  | 5% - 100%                 |
| Lutron  | Vive, 120V, 150W LED/CFL, 600W Incandescent/Halogen, FP, Single Pole/Multi-Location Dimmer, Commercial Application                    | MRF2S-6CL                                     | 12% - 91%                 |
|   | Panel Model, Commercial/Residential Application, FP   | GP (Harrier) Card                             | 10% - 94%                 |
|   | Grafik QS/Mailbox Power Module, 120/220 to 240V AC, LED/Incandescent/Halogen Load Type, Commercial/Residential Indoor Application, FP | LQRJ-WPM-6P                                   | 10% - 95%                 |
|   | Grafik Eye 3000/HomeWorks, 120V, Incandescent/Fluorescent Load Type, Commercial/Residential Application, FP                           | HWI-WPM-6D-120                                | 10% - 95%                 |
|   | Panel Dimming Module, 120V, Commercial/Residential Application, FP  | HW/LP-RPM-4U-120                              | 10% - 95%                 |
|   | Panel Adaptive Dimming Module, 120V, Commercial/Residential Application, FP   | HW/LP-RPM-4A-120                              | 9% - 95%                  |
|   | HomeWorks® QS for CFL/LED loads, 120V, RP, Commercial/Residential Application   | LQSE-4A1-D/MQSE-4A1-D/<br>MQSE-3A1/MQSE-2A1-D | 8% - 95%                  |
|   | Energi Savr Node LED+ Phase Adaptive, Commercial Application, Reverse Phase, (Zone 1) (Zones 2-4)                                     | QSN-4A5-S                                     | 8% - 95%                  |
|   | Energi Savr Node LED+ Phase Adaptive, Commercial Application, Forward Phase, (Zone 1) (Zones 2-4)                                     | QSN-4A5-S                                     | 10% - 97%                 |
|   | RadioRA®2, 120V, 50/60-Hz, 150W LED or 600W Incandescent/Halogen, 3-Way & 4-Way, Residential Application                              | RRD-6CL                                       | 10% - 95%                 |
|   | RadioRA®3, 120V, 250W LED/CFL or 500W Incandescent/Halogen, Single Pole, Multi-Location   | RRST-PRO-N                                    | 10% - 95%                 |
|   | HomeWorks® QS, 120V, 60-Hz, 150W LED/CFL or 600W Incandescent/Halogen/MLV, Residential Application                                    | HQRD-6CL(H2)<br>HQRA-6CL(H2)                  | 10% - 95%                 |
|   | Homeworks QS, Residential Application, Reverse Phase  | LQSE-4A-120-D                                 | 8% - 89%                  |
|   | HomeWorks® for LED/Incandescent/Halogen loads, Reverse Phase, (Zone 1) (Zones 2-4)  | LQSE-4A5-120-D                                | 8% - 89%                  |
|   | HomeWorks® for LED/Incandescent/Halogen loads, Forward Phase, (Zone 1) (Zones 2-4)  | LQSE-4A5-120-D                                | 10% - 100%                |
|   | Ariadni® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen   | AYCL-153P                                     | 10% - 100%                |
|   | Skylark Contour® C-L, Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen  | CTCL-153P                                     | 10% - 100%                |
| Skylark® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen | SCL-153P  | 10% - 100%                                    |                           |

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



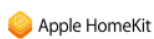
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| Manufacturer | Product  | Part Number | Dimmed Light Output Range |
|--------------|--|-------------|---------------------------|
| Lutron       | Diva® Series 150W Single Pole/3-Way Dimmer   | DVCL-153P   | 10% - 100%                |
|              | Skylark Contour® Single Pole/3-Way 1000W Incandescent/Halogen                                    | CT-103P     | 10% - 100%                |
|              | Skylark® Single Pole 300W ELV Preset Dimmer  | SELV-300P   | 5% - 100%                 |
|              | Skylark® Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer                              | S-600P      | 5% - 100%                 |
|              | Diva® 300W Single Pole/3-Way ELV Dimmer  | DVELV-303P  | 10% - 100%                |
|              | Diva® 600W Single Pole Incandescent/Halogen Preset Dimmer  | DV-600P     | 5% - 100%                 |
|              | Ariadni® 600W Single Pole Magnetic Low Voltage Dimmer  | AYLV-600P   | 5% - 100%                 |
|              | Ariadni® 600W Single Pole/3-Way Incandescent/Halogen Dimmer                                      | AY-603P     | 5% - 100%                 |
|              | Maestro® 600W Single Pole/3-Way ELV Dimmer   | MAELV-600   | 5% - 100%                 |
|              | Maestro® C-L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Max for Incandescent/Halogen | MACL-153M   | 10% - 100%                |
|              | Caséta® Wireless Dimmer  | PD-6WCL     | 10% - 100%                |

**\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

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