

# 2" Sylo™ Track Head with Koto™ Focus Module

Adjustable Focus: 18° to 50° with a simple twist of the snoot



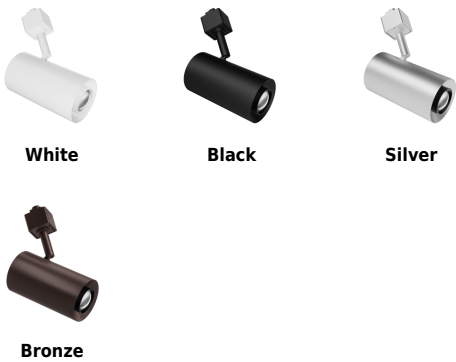
## Features

- Modern Die-Cast aluminum fixture for easy maintenance and upgrades
- Standard Fixtures or Fixtures with Stems (12") available
- Works with Single and Two Circuit Track
- Sunset option dims from 3000K to 1800K
- 90° tilt, 358° rotation
- Energy Star Certified. Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70
- This track head comes standard as H Style.  
 J (Juno) and L (Lightolier) styles are available:  
 For J style please order PJTHI (W/B) with the track head.  
 For L style please order PLTHI (W/B) with the track head.
- Note these must be factory installed.
- Integrated 120V Dimmable Driver Triac/ELV
- Excellent color rendering 95+ CRI
- Covered by U.S. PATENTS and Patents Pending

## Specifications

|                    |                           |
|--------------------|---------------------------|
| <b>Wattage</b>     | 10.5W                     |
| <b>Lumens</b>      | 830 lm                    |
| <b>Voltage</b>     | 120V                      |
| <b>Color Temp.</b> | 3500K                     |
| <b>Dimmable</b>    | Triac/ELV                 |
| <b>Lamp Type</b>   | LED                       |
| <b>Beam Angle</b>  | Adjustable Beam 18° - 50° |
| <b>CRI</b>         | 95+                       |

## Options



## Technical Details

**Optics:** 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 allows for efficient cooling.

**Installation:** Twist-lock design for toolless trim installation, for use with Koto Sylo™ only. Adjustable Focus: 18° to 50° with a simple twist of the lens.

**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/10.5W/2700K **ELK0730** 800 lm/10.5W/3000K **ELK0735** 830 lm/10.5W/3500K **ELK0740** 860 lm/10.5W/4000K

**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 an integrated heat sink. Instant On to Full Brightness technology. No LED pixelation.

**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.

## Dimensions



## Dimensions with Stems



**Dimmability:** Works with 120V Triac and ELV type dimmers. Dims down to 10%. For a full list of dimmers, refer to the Dimmer Compatibility List. Industry-leading dimming that dims smoothly with no hot spots or flickering.

**Listings:** RoHS Compliant. Meets California Title 24 JA8-2019-E standards.

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

Product Number Builder    Example: **E25TW-0727-FC**

| Koto Sylo™     | Style               | Finish                                                                                       | Koto™ Focus Module                    | Color Temperature                                                                                         | Beam Angle           | Length                                       |
|----------------|---------------------|----------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| <div>E25</div> | <div></div>         | <div></div>                                                                                  | <div></div>                           | <div></div>                                                                                               | <div></div>          | <div></div>                                  |
|                | <b>T</b> Track Head | <b>W</b> All White<br><b>B</b> All Black<br><b>S</b> Silver<br><b>BZ</b> Bronze <sup>1</sup> | <b>-07</b> 770 lm - 860 lm<br>(10.5W) | <b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K<br><b>SD</b> Sunset <sup>2</sup> | <b>-FC</b> 18º - 50º | Standard<br><b>-12</b> 12" Stem <sup>3</sup> |

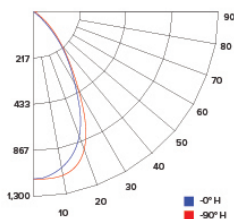
<sup>1</sup> Stem not available in bronze  
<sup>2</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed  
<sup>3</sup> Stem is not field cuttable

# 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

| Degress 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

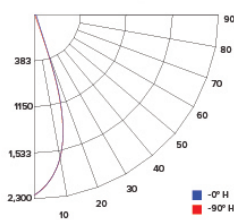
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 74.1                    | 3.2'          |
| 6'                       | 32.9                    | 4.8'          |
| 8'                       | 18.5                    | 6.4'          |
| 10'                      | 11.9                    | 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

| Degress 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

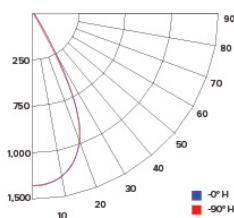
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 141                     | 2.6'          |
| 6'                       | 62.5                    | 3.9'          |
| 8'                       | 35.1                    | 5.2'          |
| 10'                      | 22.5                    | 6.5'          |

### 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

| Degress 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

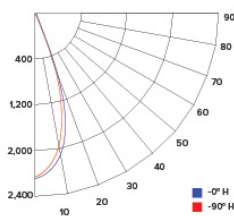
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 90.9                    | 3.1'          |
| 6'                       | 40.4                    | 4.7'          |
| 8'                       | 22.7                    | 6.3'          |
| 10'                      | 14.5                    | 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

| Degress 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'                       | 143                     | 2.6'          |
| 6'                       | 63.8                    | 3.9'          |
| 8'                       | 35.9                    | 5.2'          |
| 10'                      | 23.0                    | 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       |



**ELCO Lighting**

# Dimmer Compatibility Chart

Standard Koto™ LED Modules

For ELK07, ELK08CT5, ELK09, ELK10CT5,

ELK11 & ELK13 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, Foward 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, Foward 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%                |
| SnapOne™     | Control4® Centralized 8-Channel Adaptive Phase Dimmer, 120/277V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen/ELV/MLV* | C4-DIN-8APD | 5% - 100%                 |
|              | Control4® Centralized 8-Channel Forward Phase Dimmer, 100/120V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen/MLV*      | C4-DIN-8FPD | 25% - 100%                |
|              | Control4® Wireless Adaptive Phase Dimmer, 120V AC, 50/60-Hz, 120W LED, 300W Fluorescent/CFL, 600W Incandescent/Halogen                            | C4-APD120   | 23% - 100%                |
|              | Control4® Forward Phase Dimmer, 120V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen                                     | C4-FPD120   | 4% - 100%                 |
|              | Control4® Essential Forward Phase Dimmer, 120V AC, 60-Hz, 300W LED, 300W Fluorescent/CFL, 600W Incandescent/Halogen                               | C4-V-FPD120 | 1% - 100%                 |

\*MLV each transformer must be loaded to at least 50% of its maximum load

**\*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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