

| Project name: | |
|---------------|---|
| Fixture type: | • |

Date:

6" Koto Sylo™ Fixed and **Adjustable Pendant**



Features

- Modern Pendant Die-Cast aluminum fixture for easy maintenance and upgrades
- Available with 120" Field Cuttable Cable or Stems (12", 24", 36", 48", 60", 72" and 84")
- Includes Standard 38º lens, with 25º and 60º lenses. Optional: 15º, 18º, 90° lenses available
- Fits 3 1/2" and 4" Octagon and Round Junction boxes
- Sunset option dims from 3000K to 1800K
- Human Centric option dims from 4000K to 2200K
- Energy Star Certified. Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70

Specifications

| Wattage | 29W |
|-------------|---------------------------------|
| Lumens | 3000 lm |
| Voltage | 120/277V |
| Color Temp. | 3000K |
| Dimmable | 0-10V/Triac/ELV (1% Dimming) |
| Lamp Type | LED |
| Beam Angle | 38° |
| CRI | 95 |
| | |

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-on design for toolless module installation.

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

Delivered Lumens:

0327 2700K/442.8 lm/5W 0330 3000K/461.2 lm/5W

0727 2700K/770 lm/10.5W 0730 3000K/800 lm/10.5W 0735 3500K/830 lm/10.5W 0740 4000K/860 lm/10.5W

08CT5 2700K/728.5 lm/10.5W 08CT5 3000K/886 lm/10.5W 08CT5 3500K/902 lm/10.5W 08CT5 4000K/920 lm/10.5W 08CT5 5000K/931 lm/10.5W

0927 2700K/912 lm/10.5W 0930 3000K/950 lm/10.5W 0935 3500K/990 lm/10.5W 0940 4000K/1030 lm/10.5W 09SD Sunset/940 lm/10.5W

10CT5 2700K/908 lm/12.5W 10CT5 3000K/1012 lm/12.5W 10CT5 3500K/1038 lm/12.5W 10CT5 4000K/1040 lm/12.5W 10CT5 5000K/1032 lm/12.5W

1124 2400K/730 lm/12.5W 1127 2700K/1068 lm/12.5W 1130 3000K/1112 lm/12.5 1135 3500K/1156 lm/12. 5W 1140 4000K/1202 lm/12.5W 11SD Sunset/1050 lm/12.5W 11HC Human Centric/1050 lm/12.5W

1327 2700K/1260 lm/12.5W 1330 3000K/1312 lm/12.5W 1335 3500K/1365 lm/12.5W 1340 4000K/1420

Options





Adjustable

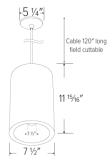


All Black -Adiustable



Integral EM Switch

Dimensions



1527 2700K/1439 lm/14.7W **1530** 3000K/1501 lm/14.7W **1535** 3500K/1565 lm/14.7W **1540** 4000K/1627 lm/14.7W

Emergency Battery Backup: Integral EM Test Switch on Cylinder. The fixture becomes 120V only.

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 pixelation.

Dimmability: For full list of dimmers, refer to the Dimmer Compatibility List. Industry-leading dimming that dims smoothly with no hot spots or flickering.

Listings: cUL Listed for Damp Locations. 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: E648PW-0727

| Koto Sylo™ E6 | Style 48P Fixed 29P Adjustable | Finish W All White B All Black | Koto™ Module -03 350 lm (5W) ^{1, 2} -07 750 lm (10.5W) -09 950 lm (10.5W) -11 1150 lm (12.5W) -13 1350 lm (12.5W) -15 1500 lm (14.7W) -18 1800 lm (18.9W) -20 2000 lm (21W) -25 2500 lm (23W) ^{3, 4} -30 3000 lm (29W) ^{3, 4} | Color Temp. 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 5D Sunset ^{6,7} HC Human Centric (-11 only) ^{1,8,9} CT5 ^{2700K - 5000K ¹} | Voltage 120V, Triac/ELV 120/277V, 0-10V/Triac/ELV | Beam Angle 38º lens ¹¹ -5 18º lens -N 25º lens -W 60º lens -T 10º lens ^{1,12} -E 90° lens ¹³ | Length 120" Cable Mount 12 12" Stem 15 -24 24" Stem 15 -36 36" Stem 15 -48 48" Stem 15 -72 72" Stem 15 -84 84" Stem 15 | No Emergency Battery Em. battery 15W MAX. 16.17 |
|------------------|---------------------------------|---------------------------------|---|---|--|--|---|--|
| | | | | CT5 2700K - 3000K | | | - 84 84" Stem ¹⁵ | |

¹ Available as 120V, Triac/ELV only

² Available with 2400K, 2700K and 3000K Color Temperature Only

³ Available as 120/277V, 0-10V/Triac/ELV only

 $^{^{\}rm 4}$ Available with 2700K, 3000K, 3500K, & 4000K Color Temperature Only

⁵ Available with CT5 color temperature only

⁶ Available with -09, -11, -13, -15 and -18 lumen outputs only

⁷ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

⁸ Available with 1150 lumen (-11) outputs only

⁹ Human Centric, Dim to Warm technology, automatically transitions from 4000K to 2200K when dimmed

¹⁰ Available with -08 and -10 lumen outputs only

 $^{^{\}rm 11}$ Includes 25° and 60° lens in the box

 $^{^{\}rm 12}$ Available with 350 and 750 lumen, 2700K and 3000K options only

^{13 90°} Frosted Reflector

¹⁴ 120 inch field cuttable cable

¹⁵ Stem is not field cuttable

 $^{^{\}rm 16}$ Available with 350, 750, 950, 1150 & 1250 lumen only

¹⁷ The fixture becomes 120V only

Compatible Products



For use with Dedicated Koto Sylo™ Fixtures

Junction Boxes for Koto Sylo™ Ceiling Mount Fixtures



Junction Box with Hanger Bars **New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|--------------------|
| FLJ4S | 3 ¾" × 3 ¾" × 2 ¾" |



Junction Box without Hanger Bars **New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|--------------------|
| FLJ332 | 3 ¾" × 3 ¾" × 2 ¾" |

Accessories



Hard Wire Adapter

| CAT NO. | SPECIFICATIONS | | |
|---------|----------------|--|--|
| DC 4 20 | Socket Adapter | | |



4" Hard Wire Adapter

| CAT NO. | SPECIFICATIONS | |
|------------|----------------|--|
| DC 4 2 0 4 | A# | |

Other Compatible Junction Boxes



3 1/2" & 4" Octagon Steel Junction Boxes

 $4'' \times 4'' \times 11/2''$ 4" × 4" × 2 1/8" 3 ½" x 3 ½" x 1 ½"



4" Round Surface **Mount Box**

4" O.D. x 11/2"



3 1/2" Round Old Work (Non-Metallic)

4 1/4" O.D. x 3 1/2" I.D. x 2 5/8"



3 1/2" & 4" Round New Work (Non-Metallic)

> 4" O.D. x 2 3/16" 3 1/2" O. D x 2 3/4"

Accessories



Emergency Battery Backup

| CAT NO. | SPECIFICATIONS |
|---------|-----------------|
| VEM EDT | 25/// 120/277// |

Koto[™] LED Module Accessories



EP731C 18° Lens EP732C 25° Lens EP733C 38° Lens 60° Lens EP734C *EP732C, EP733C, EP734C Included



EP735C EP736C EP737C EP738C









Secondary Optics

Hex Louver L46 Linear Louver L47 Spread Louver Frosted Lens L49 Color Shifter



L50W L50B

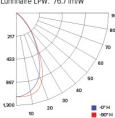
White Black

Photometric Report

Koto™ LED Module

PHOTOMETRIC REPORT

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



| 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 | _ |

CANDLE POWER SUMMARY

ILLUMINANCE AT A DISTANCE

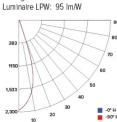
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter | |
|--------------------------|-------------------------|---------------|---|
| 4′ | 74.1 | 3.2' | |
| 6′ | 32.9 | 4.8' | _ |
| 8′ | 18.5 | 6.4' | |
| 10′ | 11 9 | 8.0′ | |

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



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 | ١ |

PHOTOMETRIC REPORT

Product #: ELK0930 Wattage / Lumens: 10W / 972 lm



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 |
| | |

ILLUMINANCE AT A DISTANCE

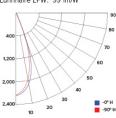
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter | |
|--------------------------|-------------------------|---------------|--|
| 4' | 90.9 | 3.1′ | |
| 6′ | 40.4 | 4.7' | |
| 8′ | 22.7 | 6.3' | |
| 10′ | 14.5 | 7.8′ | |

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 |



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 | 1K35O2 | 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/ 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) 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 refrence 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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2042 E. Vernon Ave. Vernon CA 90058 Tel 323.231.2600 Fax 323.231.3200 elcolighting.com

| 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% |
| *MIV oach transformar | Control4® Forward Phase Dimmer, 120V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen | C4-FPD120 | 4% - 100% |
| *MLV each transformer must be loaded to at least 50% of its maximum load | Control4® Essential Forward Phase Dimmer, 120V AC, 60-Hz, 300W LED, 300W Fluorescent/CFL, 600W Incandescent/Halogen | C4-V-FPD120 | 1% - 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.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross refrence 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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