Project name: _____

Fixture type: _____

Date: _____

Koto™ LED Module with 5-CCT Switch

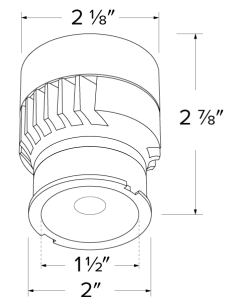Works with 2″, 3″, 4″ & 6″ Recessed Housings and Koto™ Trims

Features

- 5-CCT Switch allows to choose between 2700K, 3000K, 3500K, 4000K or 5000K
- Integrated 120V dimmable driver Triac/ELV
- Excellent color rendering 90+ CRI
- Works in 2″, 3″, 4″ & 6″ ELCO Housings with Koto™ twist-&-lock trims
- Energy Star Certified. Title 24 JA8-2019 Compliant
- 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), Clear Lens (L48), Frosted Lens (L49), Color Shifter (L50)
- Covered by U.S. PATENTS and Patents Pending

Please note this will not replace static color temperature Koto modules.

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.

Installation: Twist-lock design for toolless trim installation, for use with Koto™ trims only. Can be use in 2", 3", 4" & 6" housings with quick connect base.

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: Up to 1000 lm/5-CCT Switch

LED Technology: Extremely accurate Color Rendering Index of 90+. 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 technology. No LED pixilation.

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

Listings: UL Listed for Damp Locations. UL Listed for Wet Location with Wet location trims. RoHS Compliant. Energy Star Certified. Title 24 JA8-2019 Compliant

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

Specifications

Wattage	10W - 12.5W
Lumens	825 lm - 1000 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	18° - 60°
CRI	95
Wet Location	UL Listed w/Wet Location Trims
Damp Location	UL Listed

Dimensions

2 ⅛″

2 ⅞″

1½″

2″

Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle
ELK08CT5	LED	825 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	38°
ELK10CT5	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	12.5W	120V	Triac/ELV	38°
ELK08CT5-S	LED	825 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	18°
ELK10CT5-S	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	12.5W	120V	Triac/ELV	18°
ELK08CT5-N	LED	825 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	25°
ELK10CT5-N	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	12.5W	120V	Triac/ELV	25°
ELK08CT5-W	LED	825 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	60°

Product Number Builder   Example: **ELK08CT5**

Koto™ LED Module	Lumens	Color Temperature	Beam Angle
ELK			

Lumens
08 825 lm
10 1000 lm

Color Temperature
CT5 2700K - 5000K

Beam Angle
      38° [1]
-S 18°
-N 25°
-W 60°

[1] 38° lens installed. Includes 25° and 60° lens with module.

Compatible Products

ELCO Lighting

2″ Koto™ Dedicated LED ICA Housings
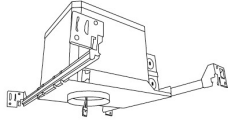
2″ ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL276ICA	Maximum Adjustability

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)
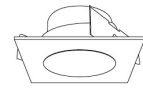
Square Deep Reflector
ELK2518
Finishes:
(W, B, BB)
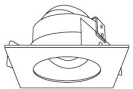
Square Adjustable Reflector
ELK2529
Finishes:
(W, B, BB)
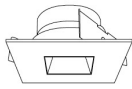
Square Reflector
ELK2541
Finishes:
(W, B, BB)
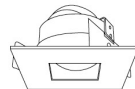
Square Adjustable Pinhole
ELK2527
Finishes:
(W, B, BB)
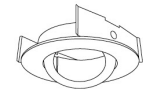
Round Gimbal
ELK2888
Finishes:
(W, B, BZ)
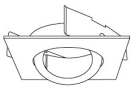
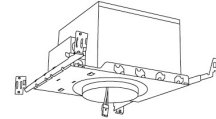**Square Gimbal**
ELK2588
Finishes:
(W, BZ)

Compatible Products

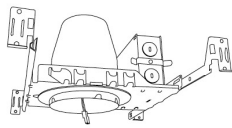For use with **Koto™ LED Module**

3″ Koto™ Dedicated LED ICA Housings

2-Hour Fire Rated 3″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL39FICA	7 ½″ Height - Sound Rated

3″ ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL386ICA	Maximum Adjustability

3″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL390ICA	
EL390ICA-EM5	Emergency Battery Back-up (90 minutes)

3″ ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL390RICA	

3″ Pex™ Twist-On Trims

Recommended to be used with Maximum Adjustability Housing
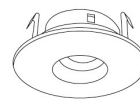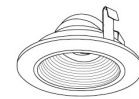
Round Deep Reflector
ELK3618
Finishes:
(W, BB, BZ, B, C, H)
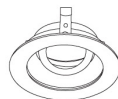
Round Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)

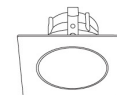**Round Adjustable Pinhole**
ELK3627
Finishes:
(B, BB, BZ)

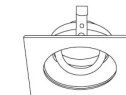**Round Adjustable Baffle**
ELK3693
Finishes:
(W)

Round Adj. Slot Aperture
ELK3620
Finishes:
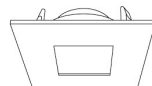(W)

Round Adj. Wall Wash
ELK3622
Finishes:
(W)

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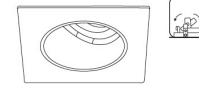Finishes:
(W, BB, BZ, B, C, H)

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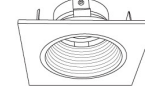ELK3329
Finishes:
(W, BB, BZ, B, C, H)

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

Square Reflector
ELK3341
Finishes:
(W, B, BB, BZ)

Square Adj. Wall Wash
ELK3322
Finishes:
(W)

Square Adjustable Baffle
ELK3393
Finishes:
(W)

Compatible Products

For use with **Koto™ LED Module**

3" Pex™ Trimless
· *Only for use with EL386ICA*

Spackle Frame

EL3SFR

Adjustable Trimless Reflector
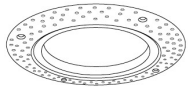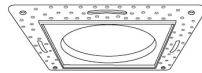**ELK315**
Finishes:
(W, B, H)

3" Flush Mount Trim Adaptors

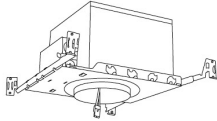**Round Flush Mount**
EL3FMR

Square Flush Mount
EL3FMS

Compatible Products
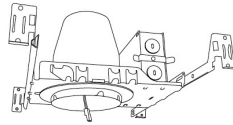
For use with **Koto™ LED Module**
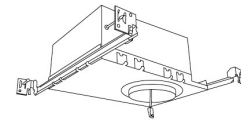
4" Koto™ Dedicated LED ICA Housings

4" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL485ICA	Maximum Adjustability

4" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490ICA	14W, 120/277V
EL490ICA-EM5	Emergency Battery Back-up (90 minutes)

4" R-60 Spray Foam Insulation Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490AJICA	Maximum Adjustability, For use in R60 or Chicago plenum applications

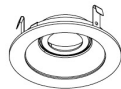**4" ICA Housing**
Remodel

CAT NO.	SPECIFICATIONS
EL490RICA	14W, 120V
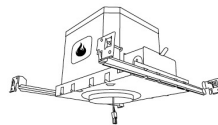
2-Hour Fire Rated 4" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL48FICA	7 ½" Height, Sound Rated

4" Pex™ Round Twist-On Trims

 Recommended to be used with Maximum Adjustability Housing

Reflector
ELK4118
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Gimbal
ELK4129
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Pinhole
ELK4127
Finishes:
(B, BB, BZ)

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

Slot Aperture
ELK4130
Finishes:
(W)

Rotatable Slot Aperture
ELK4120
Finishes:
(W)

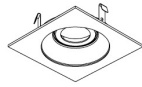**Adj. Wall Wash**
ELK4122
Finishes:
(W)

Compatible Products
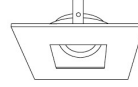
For use with **Koto™ LED Module**

ELCO Lighting

4" Pex™ Square Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

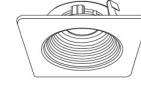**Reflector**
ELK4218
Finishes:
(W, BB, BZ, B, C, H)
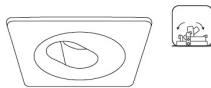
Adjustable Gimbal
ELK4229
Finishes:
(W, BB, BZ, B, C, H)
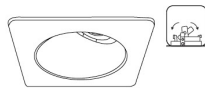
Adjustable Pinhole
ELK4227
Finishes:
(B, BB, BZ)

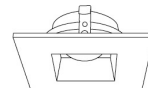**Adjustable Phenolic Baffle**
ELK4293
Finishes:
(W, BB, B)

Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)
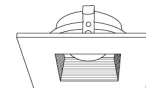
Adjustable Baffle
ELK4284
Finishes:
(W)

4" Flexa™ Twist-On Trims

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

Round Baffle
ELK4723
Finishes:

(WW, BB, BZBZ, BW)

Square Reflector
ELK4741
Finishes:

(WW, BB, BZBZ, BW, HW)
Not for Remodel Housing

Square Baffle
ELK4743
Finishes:

(WW, BB, BZBZ, BW)
Not for Remodel Housing

Adjustable Square Reflector
ELK4759
Finishes:

(WW, BB, B, H)

Compatible Products

For use with **Koto**™ **LED Module**

ELCO Lighting

4" Pex™ Trimless

• *Only for use with EL485ICA & EL490AJICA*
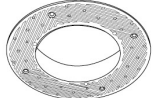
Round Spackle Frame Only
EL4SFR
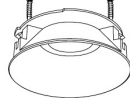
Round Smooth Reflector
ELK408
Finishes:
(W, B, BZ, H)

Round Adjustable Reflector
ELK415
Finishes:
(W, B, BZ, H)

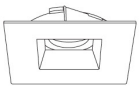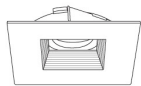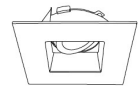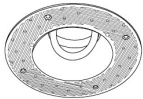**Adjustable Reflector with Spackle Frame**
ELK430
Finishes:
(W, B, BZ, H)
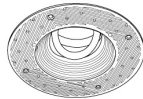
Adjustable Baffle with Spackle Frame
ELK434
Finishes:
(W, B, BZ)
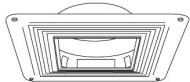
Sq. Spackle Frame
EL4SFS
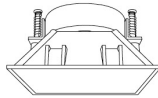
Sq. Smooth Reflector
ELK445
Finishes:
(W, B, H)
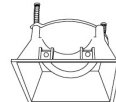
Sq. Adjustable Reflector
ELK459
Finishes:
(W, B, H)

4" Flush Mount Trim Adaptors
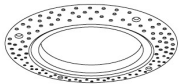
Round Flush Mount
EL4FMR
*For use with
ELK41 & Unique™ Trims*
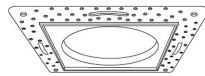
Square Flush Mount
EL4FMS
*For use with
ELK42 Trims*

Compatible Products

For use with **Koto™ LED Module**

EL **ELCO** Lighting

6″ Koto™ Dedicated LED ICA Housings

2-Hour Fire Rated 6″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL76FICA	7 ¾″ Height
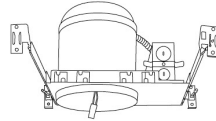
6″ Standard ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL770ICA	7 ½″ Height
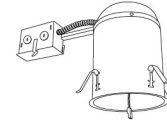
6″ Standard ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL770RICA	7 ½″ Height
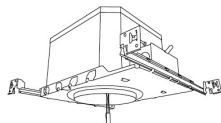
2-Hour Shallow Fire Rated 6″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL75FICAS	6 ³⁄₁₆″ Height
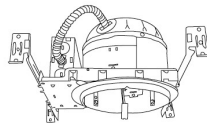
6″ Shallow ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL760ICA	5 ½″ Height
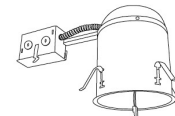
6″ Shallow ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL760RICA	5 ½″ Height

6″ Twist-On Trims

Round Reflector

ELK610
Finishes:
(WW, BB, BZBZ, BW, CC, CW, CN, HW)
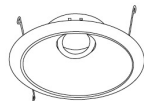
Adjustable Round Reflector

ELK629
Finishes:
(WW, BB, BZBZ, BW, CW, HW)
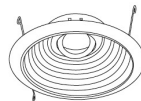
Adjustable Round Baffle

ELK693
Finishes:

(WW, BB, BZBZ, BW)
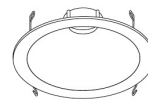
Round Deep Reflector

ELK6418
Finishes:

(W, BB, BZ, H)
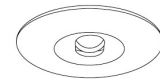
Adjustable Slot Aperture

ELK6420
Finishes:

(W)

6″ Unique™ Twist-On Trims

Round Reflector

ELK6710
Finishes:
(W, B, BZ)
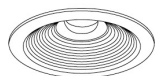
Round Baffle

ELK6713
Finishes:
(W, BZ)

Round Wall Wash

ELK6715
Finishes:
(W, BZ)

Compatible Products

ELCO Lighting

2″ Koto Sylo™ Build-Your-Own
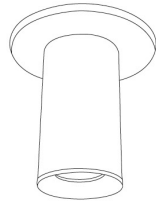
2″ Koto Sylo Housing
Surface Mount

CAT NO.	SPECIFICATIONS
EKS25SFW	White Finish
EKS25SFB	Black Finish
EKS25SFS	Silver Finish
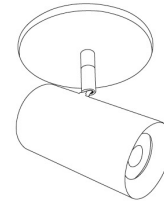
2″ Koto Sylo Housing
Monopoint

CAT NO.	SPECIFICATIONS
EKS25MPW	White Finish
EKS25MPB	Black Finish
EKS25MPS	Silver Finish
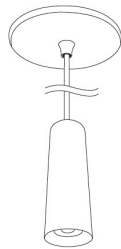
2″ Koto Sylo Housing
Pendant

CAT NO.	SPECIFICATIONS
EKS25PDW	White Finish
EKS25PDB	Black Finish
EKS25PDS	Silver Finish
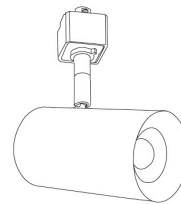
2″ Koto Sylo Housing
Surface Mount

CAT NO.	SPECIFICATIONS
EKS25TRW	White Finish
EKS25TRB	Black Finish
EKS25TRS	Silver Finish

Photometric Report

Koto™ LED Module

PHOTOMETRIC REPORT

Product #: ELK08CT5 @3000K
Wattage / Lumens: 10W / 890 lm
Luminaire LPW: 89 lm/W
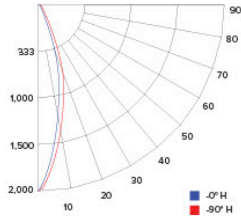
CANDLE POWER SUMMARY

Degress Vertical	0°
0	1904
5	1681
15	902
25	250
35	61
45	30
55	17
65	10
75	6
85	6
90	6

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	164	2.6'
6'	57.9	3.8'
8'	29.7	5.1'
10'	20.0	6.4'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	702.7	79.2
0-40°	771.5	87
0-60°	819.9	92.5
0-90°	845.8	95.4

Koto™ LED Module

PHOTOMETRIC REPORT

Product #: ELK10CT5 @3000K
Wattage / Lumens: 12W / 1000 lm
Luminaire LPW: 83 lm/W
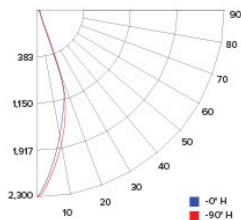
CANDLE POWER SUMMARY

Degress Vertical	0°
0	2241
5	2012
15	1152
25	341
35	77
45	35
55	20
65	11
75	7
85	5
90	6

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	193	2.6'
6'	68.2	3.9'
8'	35.0	5.2'
10'	23.6	6.5'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	816.5	80.6
0-40°	893.2	88.2
0-60°	947.2	93.5
0-90°	973.3	96.1

ELCO Lighting

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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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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