10° Koto™ LED Module (Narrow Spot)

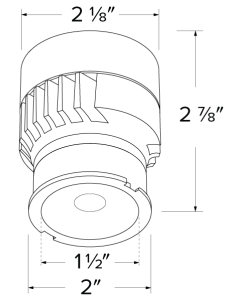Works with 2″, 3″, 4″ & 6″ Recessed Housings and Koto™ Trims

Features

- Includes 10° lens installed, and field changeable 25° & 38° lens included (for ELK0827-NSP & ELK0830-NSP)
- Includes 38° lens installed, and field changeable 10° & 25° lens included (for ELK0327 & ELK0330)
- Integrated 120V dimmable driver Triac/ELV
- Excellent color rendering 93+ CRI
- Works in 2″, 3″, 4″ & 6″ ELCO Housings with Koto™ twist-on trims
- Energy Star Certified. Title 24 JA8-2019 Compliant
- Optional: Louver (L45), Linear Lens (L46), Spread Lens (L47), Clear Lens (L48), Frosted Lens (L49), Color Shifter (L50), Snoot (L51W, L51B), Blue Lens (L52), Pink Lens (L53), Single Asymmetric Lens (L54), Double Asymmetric Lens (L55)
- Covered by U.S. PATENTS and Patents Pending

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-on 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: Up to 850 lm/2700K-3000K. Module connects to 120 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 93+. 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 5%. For full list of dimmers, refere to the Dimmer Compatibility List. Industry leading dimming that dims smoothly with no hot spots or flickering.

Listings: cUL Listed for Damp Locations. cUL 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	10.5W
Lumens	850 lm
Voltage	120V
Color Temp.	2700K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	10°
CRI	95
Wet Location	cUL Listed w/Wet Location Trim
Damp Location	cUL Listed

Dimensions

2 ⅛″ · 2 ⅞″ · 1½″ · 2″

Product Number

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle
ELK0827-NSP	LED	850 lm	2700K	10.5W	120V	Triac/ELV	10°

Product Number Builder   Example: **ELK0327**

Koto™ LED Module	Lumens	Color Temp.	Beam Angle
ELK			
	03 350 lm (5W)	**27** 2700K	38° [2]
	08 850 lm (10.5W) [1]	**30** 3000K	**-NSP** 10° [3]

[1] Available only with -NSP beam angle option

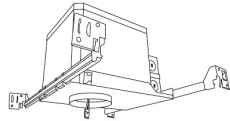[2] 38° lens installed. Includes field changeable 10° and 25° lens with module.

[3] 10° lens installed. Includes field changeable 25° and 38° 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)

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)

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Compatible Products

For use with **Koto™ LED Module**

ELCO Lighting

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)
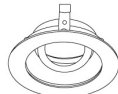
Round Adjustable Gimbal
ELK3629
Finishes:
(W, BB, BZ, B, C, H)
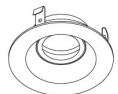
Round Adjustable Pinhole
ELK3627
Finishes:
(B, BB, BZ, B, H)

Round Adj. Slot Aperture
ELK3620
Finishes:
(W)

Round Adj. Wall Wash
ELK3622
Finishes:
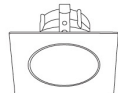(W)

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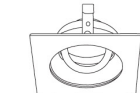(W, BB, B)

Round Curved Reflector
ELK3672
Finishes:
(W, B)
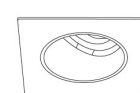
Round Directional Gimbal
ELK3679
Finishes:
(W, BB, B, H)

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)

*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring
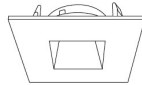
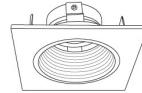# Compatible Products

ELCO Lighting

3" Pex™ Twist-On Trims

Recommended to be
used with Maximum
Adjustability Housing

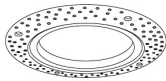**Square Adjustable Pinhole**
ELK3327
Finishes:
(W, BB, BZ, B, H)
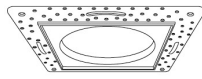
Square Reflector
ELK3341
Finishes:
(W, BB, BZ, B)

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,
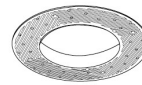ELK3341, ELK3393 Series

3" Pex™ Trimless

Recommended to be
used with Maximum
Adjustability Housing

**Round Trimless
Reflector**
ELK308
Finishes:
(W, B, H)

**Round Adjustable
Trimless Reflector**
ELK315
Finishes:
(W, B, H)
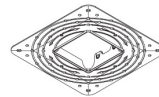
**Round Trimless
Spackle Frame**
EL3SFR
For use with ELK315

**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**
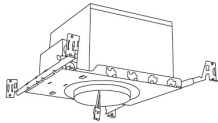EL03SFS
For use with ELK370 & ELK381

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)
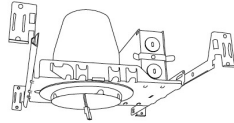
Compatible Products

For use with **Koto™ LED Module**
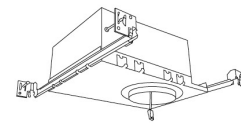
4″ Koto™ Dedicated LED ICA Housings

4″ ICA Maximum Adjustability Housing
New Construction

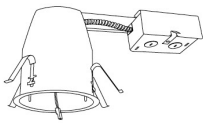| CAT NO.	SPECIFICATIONS
EL485ICA	Maximum Adjustability

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
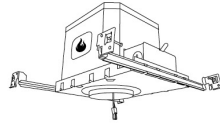
2-Hour Fire Rated 4″ ICA Housing
New Construction

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

4″ Pex™ Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

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
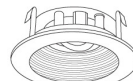Finishes:
(W, BB, B)

Curved Reflector
ELK4172
Finishes:
(W, B)

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

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

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**™ **LED Module**
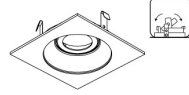
4" Pex™ Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

Shallow Reflector

ELK4216
Finishes:
(W, H)
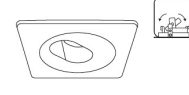
Deep Reflector

ELK4218
Finishes:
(W, BB, BZ, B, C, H)
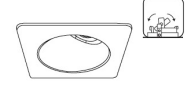
Adjustable Gimbal

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
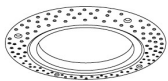
ELK4282
Finishes:
(W, BZ)

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

4" Pex™ Trimless

Recommended to be used with Maximum Adjustability Housing

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
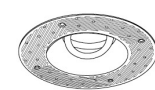
Smooth Reflector

ELK430
Finishes:
(W, B, BZ)

Baffle

ELK434
Finishes:
(W, B, BZ)
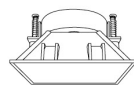
Square Trimless Reflector

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)

Compatible Products

ELCO Lighting

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)
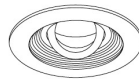
Round Adjustable Baffle
ELK4713
Finishes:
(W, BZ)
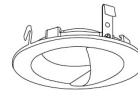
Round Wall Wash
ELK4715
Finishes:
(W, BZ)
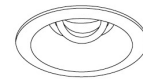
Round Adj. Deep Reflector
ELK4717
Finishes:
(W, BZ)
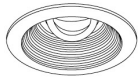
Round Adj. Deep Baffle
ELK4719
Finishes:
(W)
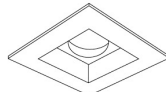
Square Reflector
ELK4714
Finishes:
(W, B, BZ)
Not for Remodel Housing
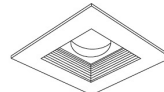
Square Baffle
ELK4716
Finishes:
(W, BZ)
Not for Remodel Housing

*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™ LED Module**

6″ Koto™ Dedicated LED ICA Housings

2-Hour Fire Rated 6″ ICA Housing
New Construction

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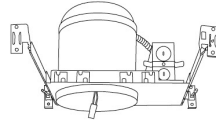
6″ Standard ICA Housing
New Construction

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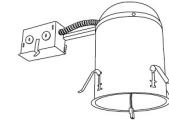
6″ Standard ICA Housing
Remodel

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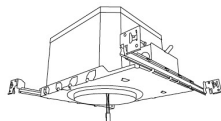
2-Hour Shallow Fire Rated 6″ ICA Housing
New Construction

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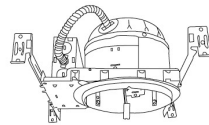
6″ Shallow ICA Housing
New Construction

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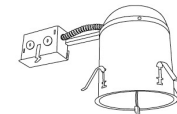
6″ Shallow ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
EL760RICA	5 ½″ Height

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)
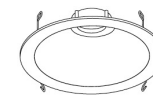
6″ Round Adj. Reflector
ELK6429
Finishes:
(W, BB, BZ, H)

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)

*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring

Compatible Products

ELCO Lighting

6″ Flexa™ Twist-On Trims

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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″ Unique™ Twist-On Trims

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6″ Round Reflector

ELK6710

Finishes:
(W, B, BZ)
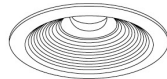
6″ Round Baffle

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)

Compatible Products

For use with **Koto™ LED Module**

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

10° Koto™ LED Module (Narrow Spot)

PHOTOMETRIC REPORT

Product #: ELK0830-NSP
Wattage / Lumens: 15.8W / 871.4 lm
Luminaire LPW: 55.1 lm/W
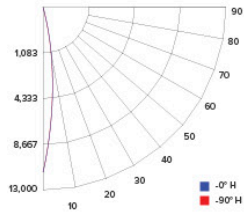
CANDLE POWER SUMMARY

Degress Vertical	0°
0	10979
5	4622
15	413
25	89
35	32
45	17
55	13
65	9
75	5
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	686	0.8'
6'	305	1.2'
8'	172	1.6'
10'	110	2.0'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	783.9	90.2
0-40°	809.4	93.2
0-60°	836.1	96.2
0-90°	852.2	98.1

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%
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%
*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.

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