

Project name:
Fixture type:
Date:

# **Koto™ LED Module**

Works with 2", 3", 4", 5" & 6" Recessed Housings and Koto™ Trims



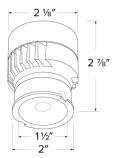
#### **Features**

- Integrated 120V Dimmable Driver Triac/ELV
- Excellent color rendering 95+ CRI
- Sunset Module ELK09SD & ELK11SD starts from 3000K and dims to 1800K
- Human Centric Module ELK11HC starts from 4000K and dims to 2200K
- Works in 2", 3", 4" and 6" ELCO housings with Koto™ twist-on
- 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), Snoot (L50), Color Shifter (L51)
- Covered by U.S. PATENTS and Patents Pending

# **Specifications**

Wattage	12.5W
Lumens	1050 lm
Voltage	120V
Color Temp.	Human CentricK
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	38°
CRI	95
Wet Location	cUL Listed w/Wet Location Trim
Damp Location cUL Listed	

# **Dimensions**



## **Technical Details**

**Optics**: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology. Standard lens is shaterproof.

**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", 5" and 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.

**Operating Temperature:** 0°F - 200°F of operating temperature.

Delivered Lumens: ELK0724 730 lm/2400K/10.5W ELK0727 770 lm/2700K/10.5W ELK0730 800 lm/3000K/10.5W ELK0735 830 lm/3500K/10.5W ELK0740 860 lm/44000K/10.5W

ELK0924 900 lm/2400K/10.5W ELK0927 940 lm/2700K/10.5W ELK0930 990 lm/3000K/10.5W ELK0935 1040 lm/3500K/10.5W ELK0940 1100 lm/4000K/10.5W ELK095D 940 lm/Sunset/10.5W

ELK1124 1060 lm/2400K/12.5W ELK1127 1100 lm/2700K/12.5W ELK1130 1150 lm/3000K/12.5W ELK1135 1200 lm/3500K/12.5W ELK1140 1260 lm/4000K/12.5W ELK11SD 1050 lm/Sunset/12.5W ELK11HC 1050 lm/Human Centric/12.5W

ELK1327 1250 lm/2700K/12.5W ELK1330 1300 lm/3000K/12.5W ELK1335 1350 lm/3500K/12.5W ELK1340 1400 lm/4000K/12.5W

**LED Technology:** Extremely accurate Color Rendering Index of 95+. 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.

**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.

**Dimmability:** Works with 120V Triac and ELV type dimmers. Dims down to 5%. 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. cUL Listed for Wet Location with Wet location trims. 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: ELK0724

Koto™ LED Module	Lumens	Color Temp.	Beam Angle
ELK			
	<b>07</b> 750 lm (10.5W)	<b>24</b> 2400K	38° <sup>5</sup>
	<b>09</b> 950 lm (10.5W)	<b>27</b> 2700K	<b>-S</b> 18°
	<b>11</b> 1150 lm (12.5W)	<b>30</b> 3000K	-N 25°
	<b>13</b> 1350 lm (12.5W)	<b>35</b> 3500K	<b>-W</b> 60°
		<b>40</b> 4000K	
		<b>SD</b> Sunset <sup>1, 2</sup>	
		<b>HC</b> Human Centric <sup>3, 4</sup>	

<sup>&</sup>lt;sup>1</sup> Available with ELK09 and ELK11 lumen outputs only

<sup>&</sup>lt;sup>2</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

<sup>&</sup>lt;sup>3</sup> Available with ELK11 lumen outputs only

<sup>&</sup>lt;sup>4</sup> Human Centric, Dim to Warm technology, automatically transitions from 4000K to 2200K when dimmed

<sup>&</sup>lt;sup>5</sup> 38° lens installed. Includes 25° and 60° lens with module.



For use with Koto™ LED Module

# 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)



Square Adjustable Reflector

ELK2529 Finishes:

(W, B, BB)



Round Adjustable Reflector

ELK2829 Finishes: (W, B, H, BB, BZ)



Square Reflector

ELK2541 Finishes: (W, B, BB)



Round Adjustable Pinhole

ELK2827 Finishes: (W, B, BB, BZ)



Square Adjustable Pinhole

ELK2527 Finishes: (W, B, BB)



**Square Deep Reflector** 

ELK2518 Finishes: (W, B, BB)



### Round Gimbal

ELK2888 Finishes: (W, B, BZ)



(W, BZ)



For use with Koto™ LED Module

# 3" Koto™ Dedicated LED ICA Housings



2-Hour Fire Rated 3" ICA Housing New Construction

CAT NO.	SPECIFICATIONS
FL39FICA	7 1/2" Height - Sound Rated



3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EI 300ICV	

EL390ICA

EL390ICA-EM5 Emergency Battery Back-up (90 minutes)



3" ICA Maximum Adjustability Housing

New Construction

CAT NO.	SPECIFICATIONS
EL 386ICA	Maximum Adjustability



3" ICA Housing Remodel

CAT NO.	SPECIFICATIONS	
EL390RICA		

# 3" Pex™ Twist-On Trims





#### Round Deep Reflector

ELK3618 Finishes: (W, BB, BZ, B, C, H)





# Round Adj. Slot Aperture

ELK3620 Finishes: (W)



#### Square Adjustable Pinhole

ELK3327 Finishes: (B, BB, BZ)



#### Round Adjustable Gimbal

ELK3629 Finishes: (W, BB, BZ, B, C, H)



### Round Adj. Wall Wash

ELK3622 Finishes: (W)



# Square Reflector

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



# Round Adjustable Pinhole

ELK3627 Finishes: (B, BB, BZ)



#### Square Deep Reflector

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



### Square Adj. Wall Wash ELK3322

Finishes: (W)



#### Round Adjustable Baffle

ELK3693 Finishes: (W)



#### Square Adjustable Gimbal

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



#### Square Adjustable Baffle

ELK3393 Finishes: (W)



For use with **Koto<sup>™</sup> 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** 



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





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)



For use with Koto™ LED Module

# 4" Pex™ Square Twist-On Trims





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)



For use with **Koto<sup>™</sup> LED Module** 

**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



For use with **Koto<sup>™</sup> 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	71/2" Height



6" Standard ICA Housing Remodel

CAT NO.	SPECIFICATIONS	
EL770RICA	7 1/2" 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 1/2" 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)



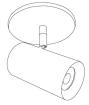
For use with Koto™ LED Module

# 2" Koto Sylo™ Build-Your-Own



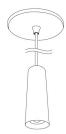
2" Koto Sylo Housing
Surface Mount

CAT NO.	SPECIFICATIONS
EKS25SFW	White Finish
EKS25SFB	Black Finish
FKS25SES	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

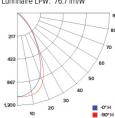
CAT NO.	SPECIFICATIONS
EKS25TRW	White Finish
EKS25TRB	Black Finish
EKS25TRS	Silver Finish

# Photometric Report

# Koto™ LED Module

### PHOTOMETRIC REPORT

Product #: 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**

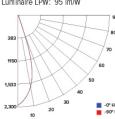
Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
4'	74.1	3.2'	_
6′	32.9	4.8'	_
8′	18.5	6.4'	
10'	11.9	8.0′	_

#### **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 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**

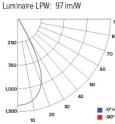
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	141	2.6'
6′	62.5	3.9'
8′	35.1	5.2'
10′	22.5	6.5'

#### **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



### 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
00	1

## ILLUMINANCE AT A DISTANCE

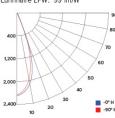
Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
4'	90.9	3.1′	
6′	40.4	4.7'	
8′	22.7	6.3'	
10′	14.5	7.8′	

## 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**

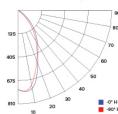
Zone	Lumens	%Luminaire
0-30°	826.6	83.5
0-40°	890.6	89.9
0-60°	937.1	94.6
0-90°	962	97.1

# Photometric Report

# Koto™ LED Module

## PHOTOMETRIC REPORT

Product #: ELKO9SD Wattage / Lumens: 10.9W / 605.1 lm Luminaire LPW: 55.5 lm/W



Degress Vertical	0°
0	731
5	751
15	640
25	337
35	175
45	79
55	23
65	10
75	4
85	1
90	0

**CANDLE POWER SUMMARY** 

#### **ILLUMINANCE AT A DISTANCE**

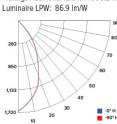
	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
Ξ	4'	45.7	3.1′
	6′	20.3	4.7′
	8′	11.4	6.2'
Т	10′	731	78'

#### **ZONAL LUMEN SUMMARY**

Zone	Lumens	%Luminaire
0-30°	402.9	66.6
0-40°	510.3	84.4
0-60°	588.6	97.3
0-90°	601.9	99.5

#### PHOTOMETRIC REPORT

Product #: ELK1127 Wattage / Lumens: 12.5W / 1086.2 Im



Degress Vertical	0°
0	1606
5	1542
15	1297
25	723
35	338
45	128
55	42
65	17
75	8
85	3

**CANDLE POWER SUMMARY** 

#### **ILLUMINANCE AT A DISTANCE**

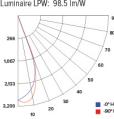
	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
	4'	100	3.2'	
	6′	44.6	4.8'	
_	8'	25.1	6.4'	
	10′	16.1	7.9'	

#### **ZONAL LUMEN SUMMARY**

Zone	Lumens	%Luminaire
0-30°	757.2	70.6
0-40°	933.9	87.1
0-60°	1,045.2	97.5
U 80°	1.0661	99.4

## PHOTOMETRIC REPORT

Product #: ELK1130 Wattage / Lumens: 11.8W / 1162.5 lm Luminaire LPW: 98.5 lm/W



Degress Vertical	0°
0	3043
5	2807
15	1766
25	520
35	98
45	46
55	34
65	22
75	12
85	8
90	6

## ILLUMINANCE AT A DISTANCE

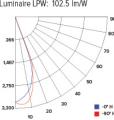
Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
4'	190	2.4'	
6'	84.5	3.6'	
8′	47.5	4.8'	
10'	30.4	6.0'	

## ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	997.9	85.9
0-40°	1,064.7	91.6
0-60°	1,125.3	96.9
0-90°	1161.6	100

## PHOTOMETRIC REPORT

Product #: ELK1135 Wattage / Lumens: 11.8W / 1210 lm Luminaire LPW: 102.5 lm/W



### CANDLE POWER SUMMARY

Degress Vertical	0°
0	3160
5	2920
15	1836
25	540
35	102
45	47
55	35
65	23
75	13
85	8
90	7

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	198	2.4'
6′	87.9	3.6'
8′	49.4	4.8'
10′	31.6	6.0'

### **ZONAL LUMEN SUMMARY**

Zone	Lumens	%Luminaire	
0-30°	1,037.8	85.9	•
0-40°	1,107.3	91.6	
0-60°	1,170.3	96.9	
0-90°	1,208.1	100	

# Photometric Report

# Koto™ LED Module

#### PHOTOMETRIC REPORT **CANDLE POWER SUMMARY** Degress Vertical Wattage / Lumens: 11.8W / 1312.2 lm Luminaire LPW: 111.2 lm/W

### **ILLUMINANCE AT A DISTANCE**

Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
4'	98.4	4.0'	
6′	43.8	6.0'	
8′	24.6	8.0'	
10'	15.8	10.0'	

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	879.8	67.1
0-40°	1,140.2	86.9
0-60°	1,298.7	99
0-90°	1,311.4	100



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

### \*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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