

Project name:		
Fixture type:		
Date:		

Koto Focus™ LED Module

Koto™ Adjustable Beam 18º - 50º Angles. Works with 2", 3", 4" & 6" Recessed Housings and Koto™ Trims



Features

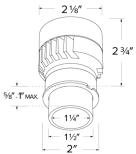
- Integrated 120V Dimmable Driver Triac/ELV
- Excellent color rendering 95+ CRI
- Works in 2", 3", 4" & 6" ELCO housings with Koto $^{\scriptscriptstyle{\text{TM}}}$ twist-
- Adjustable Focus: 18º to 50º with a simple twist of the
- Covered by U.S. PATENTS and Patents Pending

Specifications

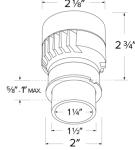
Wattage	10.5W	
Lumens	800 lm	
Voltage	120V	
Color Temp.	3000K	
Dimmable	Triac/ELV	
Lamp Type	LED	
Beam Angle	Adjustable Beam 18° - 50°	
CRI	95+	
Wet Location	cUL Listed w/Wet Location Trim	
Damp Location cUL Listed		

White Snoot

Options



Dimensions



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 allows for efficient cooling.

Installation: Twist-on design for toolless trim installation, for use with Koto™ trims only. Adjustable Focus: 18º to 50º with a simple twist of the lens. Can be used in 2", 3", 4", 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.

Delivered Lumens:

ELK0727 770 Im/2700K ELK0730 800 Im/3000K ELK0735 830 Im/3500K ELK0740 860 Im/4000K

LED Technology: Extremely accurate Color Rendering Index of 95+. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integrated heat sink. Instant On to Full Brightness technology. No LED pixelation.

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Dimmability: Works with 120V Triac and ELV type dimmers. Dims down to 5%. For a full list of dimmers, refer

Product Number

Item	Description	Lamp type	Lumens	сст	Watts	Voltage	Dimming	Beam Angle
ELK0730-FC	Koto Focus™ LED Module. Includes white and	LED	800 lm	3000K	10.5W	120V	Triac/ELV	Adjustable Beam 18° - 50°

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 California Title 24 JA8-2016-E standards.

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

Product Number Builder Example: ELK0727-FC

Koto™ Focus LED Module	Lumens	Color Temp.	Beam Angle
ELK	07 770 lm - 860 lm (10.5W)	27 2700K	-FC 18º - 50º
		30 3000K	
		35 3500K	
		40 4000K	
		SD Sunset ¹	

¹ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed



For use with Koto™ LED Module

2" Koto™ Dedicated LED ICA Housings



2" ICA Maximum Adjustability Housing

New Construction

CAT NO. SI

SPECIFICATIONS

EL276ICA Maximum Adjustability

2" Pex™ Twist-On Trims



Round Deep Reflector

ELK2818 Finishes: (W, B, H, BB, BZ)



Square Deep Reflector

ELK2518 Finishes:

(W, B, BB)



(W, B*, BZ)



Round Adjustable Reflector

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



Square Adjustable Reflector

ELK2529 Finishes:

(W, B, BB)



Square Gimbal ELK2588 Finishes: (W, B*, BZ)



Round Adjustable Pinhole

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



Square Reflector

ELK2541 Finishes: (W, B, BB)





Square Adjustable Pinhole

ELK2527 Finishes: (W, B, BB)



Round Adj. Trimless Reflector

ELK215 Finishes: (W, 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 ELK2872, ELK2888, ELK2588, & ELK215)



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 Housing
New Construction

CAT NO.	SPECIFICATIONS
EL390ICA	
EL390ICA-EM5	Emergency Battery

Emergency Battery Back-up (90 minutes)



3" ICA Maximum Adjustability Housing
New Construction

CAT NO.	SPECIFICATIONS
EL386ICA	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. Wall Wash

ELK3622 Finishes: (W)



Round Adjustable Baffle

ELK3693 Finishes: (W)



Round Adjustable Gimbal

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



Round Regressed Eyeball

ELK3653 Finishes: (W, BB, B)



Square Deep Reflector

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



Round Adjustable Pinhole

ELK3627 Finishes: (B, BB, BZ, B, H)



Round Curved Reflector

ELK3672 Finishes: (W, B)



Square Adjustable Reflector

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





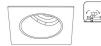
Round Adj. Slot Aperture

ELK3620 Finishes: (W)



Round Directional Gimbal

ELK3679 Finishes: (W, BB, B, H)





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



For use with Koto™ LED Module

3" Pex™Twist-On Trims





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:

Finishes: (W, B, H)



Square Trimless Reflector

ELK370 Finishes: (W, B, H)



Round Adjustable Trimless Reflector

ELK315 Finishes: (W, B, H)



Square Adjustable Trimless Reflector ELK381

Finishes: **(W, B, H)**



Round Trimless Spackle Frame EL3SFR

For use with ELK315



Square Trimless Spackle Frame EL03SFS

For use with ELK370 & ELK381



Round Knife Edge Wood Ceiling Trim w/Mounting Clips

EL3WCR Finishes: (W, 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 ELK315, ELK370, & ELK381)



For use with Koto™ LED Module

4" Koto[™] Dedicated LED ICA Housings



4" ICA Maximum Adjustability Housing **New Construction**

CAT NO.	SPECIFICATIONS
EI 485ICA	Maximum Adjustability



4" ICA Housing Remodel

CAT NO.	SPECIFICATIONS
EL490RICA	14W, 120V



4" ICA Housing **New Construction**

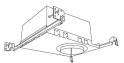
CAT NO.	SPECIFICATIONS
EL490ICA	14W, 120/277V
EL490ICA-EM5	Emergency Battery



Back-up (90 minutes)

New Construction

CAT NO.	SPECIFICATIONS
EL 48EICA	7 1/3" Height Sound Pated



4" R-60 Spray Foam Insulation Housing **New Construction**

T NO.	SPECIFICATIONS
490AJICA	Maximum Adjustability, For use in R60 or Chicago plenum applications



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

Pex[™] Twist-On Trims





Reflector ELK4116 Finishes:

(W, H)



Deep

Reflector

ELK4118

Finishes:

Adjustable Wáll Wash ELK4122 Finishes:



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



CAT EL4

with Clear Glass ELK4111 Finishes: (W, BB, BZ, B, C, H)



with Frosted Lens ELK4112 Finishes: (W, BB, BZ, B, C, H)



Slot Aperture ELK4120 Finishes: (W)



(W)



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:



Directional Gimbal ELK4179 Finishes:

(W, BB, B, H)



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

(W, 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)



For use with Koto™ LED Module

4" Pex™ Twist-On Trims





Shallow Reflector

ELK4216 Finishes: (W, H)



Adjustable Pinhole

ELK4227 Finishes: (W, BB, BZ, B, C, H)



Deep Reflector

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



Adjustable Reflector

ELK4282 Finishes: (W, BZ)



Adjustable Gimbal

ELK4229 Finishes: (W, BB, BZ, B, C, H)



Adjustable Baffle

ELK4284 Finishes: (W, B, BZ)



Adjustable Slot Rotatable Aperture

ELK4220 Finishes: (W)



Adjustable Wall Wash ELK4222

Finishes: (W)



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

EL4FM:

Compatible 3" Pex™ Square trims: ELK4216, ELK4218, ELK4227, ELK4229 Series

4" Pex™ Trimless



Round Trimless Reflector

ELK408 Finishes: (W, B, H, BZ)



Baffle ELK434 Finishes: (W, B, BZ)



Round Adj. Trimless Reflector

ELK415 Finishes: (W, B, H, BZ)



Square Trimless Reflector

ELK445 Finishes: (W, B, H)



Round Trimless Spackle Frame

EL4SFRFor use with ELK408 & ELK415



Square Trimless Adj. Reflector

ELK459 Finishes: (W, B, H)



used with Maximum Adjustability Housing

Smooth Reflector

ELK430 Finishes: (W, B, BZ)



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, ELK459, ELK459)



For use with Koto™ LED Module

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 Adj. Deep Baffle

ELK4719 Finishes: (W)



Round Adjustable Baffle

ELK4713 Finishes: (W, BZ)



Square Reflector

ELK4714
Finishes:
(W, B, BZ)
*Not for Remodel Housing



Round Wall Wash

ELK4715 Finishes: (W, BZ)



Square Baffle

ELK4716
Finishes:
(W, BZ)
*Not for Remodel Housing



Round Adj. Deep Reflector

ELK4717 Finishes: (W, BZ)

*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/Whit



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 1/2" 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)



6" Round Adj. Slot Aperture ELK6420W

LK6420W Finishes: (W)



5" Round Baffle

ELK5493 Finishes: (W)



6" Round Adj. Pinhole Reflector

ELK6427 Finishes: (W, B, H)



6" Round Reflector

ELK6418 Finishes: (W, BB, BZ, H)



6" Square Adj. Reflector

Finishes: (W, BB, H)



6" Round Adj. Reflector

ELK6429 Finishes: (W, BB, BZ, H)

^{*}Finishes: \mathbf{W} - All White, \mathbf{BB} - All Black, \mathbf{BZ} - All Bronze, \mathbf{B} - Black Reflector w/White Ring, \mathbf{C} - Chrome Reflector w/White Ring, \mathbf{H} - Haze Reflector w/White Ring, \mathbf{C} - Chrome Reflector w/White Ring, \mathbf{C} - Chrom



For use with Koto™ LED Module

6" Flexa™ Twist-On Trims



6" Round Reflector

ELK610 Finishes: (WW, BB, BZBZ, CC, BW, CW, HW)



6" Round Adjustable Reflector 6" Round Adjustable Baffle

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



ELK693 Finishes: (WW, BB, BZBZ, BW)

6" Unique™ Twist-On Trims



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, ELK6715, ELK6715, ELK6715)



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



Dimmer Compatibility Chart

Standard Koto™ LED Modules

For ELK07, ELK08CT5, ELK09, ELK10CT5, ELK11 & ELK13 Series

For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
Leviton	Decora SureSlide® Single Pole with Slide -to-Off	6672	15% - 100%
	Leviton Dimmer	1K3502	5% - 100%
Lutron	Vive, 120V, 150W LED/CFL, 600W Incandescent/Halogen, FP, Single Pole/Multi-Location Dimmer, Commercial Application	MRF2S-6CL	12% - 91%
	Panel Model, Commercial/Residential Application, FP	GP (Harrier) Card	10% - 94%
	Grafik QS/Mailbox Power Module, 120/220 to 240V AC, LED/Incandescent/Halogen Load Type, Commercial/Residential Indoor Application, FP	LQRJ-WPM-6P	10% - 95%
	Grafik Eye 3000/HomeWorks, 120V, Incandescent/Fluorescent Load Type, Commercial/Residential Application, FP	HWI-WPM-6D-120	10% - 95%
	Panel Dimming Module, 120V, Commercial/Residential Application, FP	HW/LP-RPM-4U-120	10% - 95%
	Panel Adaptive Dimming Module, 120V, Commercial/Residential Application, FP	HW/LP-RPM-4A-120	9% - 95%
	HomeWorks® QS for CFL/LED loads, 120V, RP, Commercial/Residential Application	LQSE-4A1-D/MQSE-4A1-D/ 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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\$LUTRON



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%
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.

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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