

FENCER® SERIES

COMPATIBILITY LIST

As a service to our customers, we maintain a list of third-party dimmers that we believe to be compatible with our products, based on our own in-house testing. We list a dimmer as compatible when we see that the dimmer dims our product smoothly and without apparent flickering. However, the compatibility list is not a warranty, and many factors can affect product compatibility.

Some dimmers that we list as compatible may cause some of our products to emit a slight buzzing noise. If this is an issue in your particular installation, you may wish to consider choosing another dimmer. As an example, we have found ELV or "reverse-phase" dimmers to be ideal for LED lighting, and these types of dimmers can often greatly reduce or eliminate the noise.

To ensure a safe installation and optimal lighting/dimming performance, source the exact dimming control model numbers that appear on this list. Read all footnotes for additional information. Please contact the dimmer switch manufacturer with inquiries about dimmer color/finish options.

1 DO NOT EXCEED THE LED LOAD CAPACITY.

Load Capacity ¹

120V / 600W INC / **150W LED**

2 WHEN LOADING DRIVER REFER TO DIMMER MINIMUM LOAD.

Min Load

10W

COMPATIBLE CONTROLS FOR FENCER® SERIES LED FIXTURES

Single Pole & 3-Way	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
FORBES & LOMAX Inc/Hal Rotary Dimmer	FLR603P	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Ariadni®/ Toggler® C•L Preset Dimmer	AYCL-153P	Single Pole / 3-Way Trim-Adjustable	120V / 150W LED	10W	100 - 5%	No
	AYCL-253P	Single Pole / 3-Way Trim-Adjustable	120V / 250W LED			
	TGCL-153P	Single Pole / 3-Way Trim-Adjustable	120V / 150W LED			
	TGCL-253P	Single Pole / 3-Way Trim-Adjustable	120V / 250W LED			
Notes: Adjust minimum trim to optimize dimming performance.						
Lutron® Ariadni®/ Toggler® INC/HAL Preset Dimmer	AY-600P	Single Pole	120V / 600W Inc / 150W LED	10W	100 - 5%	No
	AY-603P	Single Pole / 3-Way	120V / 600W Inc / 150W LED			
	AY-10P	Single Pole	120V / 1000W Inc / 250W LED			
	AY-103P	Single Pole / 3-Way	120V / 1000W Inc / 250W LED			
Notes: None.						
Lutron® Ariadni®/ Toggler® MLV Preset Dimmer	AYLV-600P	Single Pole	120V / 450W Inc / 112.5W LED	10W	100 - 5%	No
	AYLV-603P	3-Way	120V / 450W Inc / 112.5W LED			
Notes: None.						
Lutron® Caseta™ Wireless CFL/HAL/ INC/LED Dimmer with Pico® Remote	PD-6WCL	Single Pole In-Wall Dimmer	120V / 600W Inc / 150W LED	10W	100 - 5%	No
	PD-3PCL	Single Pole Plug-in Lamp Dimmer	120V / 300W Inc / 100W LED		100 - 5%	No
Notes: Compatible with Wink HUB. Adjust minimum trim to optimize dimming performance.						

COMPATIBLE CONTROLS FOR FENCER® SERIES LED FIXTURES

Single Pole & 3-Way	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Diva® C•L Preset Dimmer	DVCL-153P	Single Pole / 3-Way Trim-Adjustable	120V / 150W LED	10W	100 - 5%	No
	DVCL-253P	Single Pole / 3-Way Trim-Adjustable	120V / 250W LED			
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Diva® Inc/Hal Preset Dimmer	DV-600P	Single Pole	120V / 600W Inc / 150W LED	10W	100 - 5%	No
	DV-603P	3-Way	120V / 600W Inc / 150W LED			
	DV-10P	Single Pole	120V / 1000W Inc / 250W LED			
	DV-103P	3-Way	120V / 1000W Inc / 250W LED			
	Notes: None.					
Lutron® Glyder® INC/HAL Slide-to-Off Dimmer	GL-600P	Single Pole	120V / 600W INC / 150W LED	10W	100 - 5%	No
	GL-603P	Single Pole / 3-Way	120V / 600W INC / 150W LED			
	GL-10P	Single Pole / 3-Way	120V / 1000W INC / 250W LED			
	GL-103P	Single Pole / 3-Way	120V / 1000W INC / 250W LED			
	Notes: None.					
Lutron® Skylark® Inc/Hal Preset Dimmer *	S-600P	Single Pole	120V / 600W INC / 150W LED	10W	100 - 5%	No
	S-603P	Single Pole / 3-Way	120V / 600W INC / 150W LED			
	S-10P	Single Pole	120V / 1000W INC / 250W LED			
	S-103P	Single Pole / 3-Way	120V / 1000W INC / 250W LED			
	Notes: When switched on with dimmer preset to lowest setting, LEDs may not turn on until slider adjustment is increased.					
Lutron® Skylark Contour® Inc/Hal Preset Dimmer	CT-600P	Single Pole	120V / 600W INC / 150W LED	10W	100 - 5%	No
	CT-603P	Single Pole / 3-Way	120V / 600W INC / 150W LED			
	CT-103P	Single Pole / 3-Way	120V / 1000W INC / 250W LED			
	Notes: None.					
Legrand® Paddle™ INC/CFL/LED Preset Dimmer	ADPD453L	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 450W LED	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® Paddle™ INC/HAL Dimmer	ADPD1103H	Single Pole / 3-Way Trim-Adjustable	120V / 1100W INC / 275W LED	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® SofTap™ INC/ELV/MLV/CFL/LED Preset Dimmer	ADTP703TU	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 450W LED Load	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® PASS & SEYMOUR Harmony™ CFL/LED Preset Dimmer	HCL453PW	Single Pole / 3-Way Trim-Adjustable	120V / 450W LED Load	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					

COMPATIBLE CONTROLS FOR FENCER® SERIES LED FIXTURES

Single Pole & 3-Way	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Legrand® Paddle™ INC/CFL/LED Preset Dimmer	ADPD453L	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 450W LED	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® Paddle™ INC/HAL Dimmer	ADPD1103H	Single Pole / 3-Way Trim-Adjustable	120V / 1100W INC / 275W LED	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® SoftTap™ INC/ELV/MLV/CFL/ LED Preset Dimmer	ADTP703TU	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 450W LED Load	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® PASS & SEYMOUR Harmony™ CFL/ LED Preset Dimmer	HCL453PW	Single Pole / 3-Way Trim-Adjustable	120V / 450W LED Load	10W	100 - 5%	No
	Notes: Adjust minimum trim to optimize dimming performance.					

Multi-Location & Home Automation	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Control 4® Wireless Dimmer	LDZ-101-X	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Crestron® iLux® Universal Dimmer Expansion Module	CLS-EXP-DIMU	Dimmer Expansion Module	120V / 1920W INC / 480W LED	25W	100 - 5%	Yes
	Notes: Enforce min level to allow the fixture to turn on and to avoid flicker at low dimming levels. Enforce max level to avoid dead travel at high end.					
Crestron® DIN Rail 4-Channel Dimmer	DIN-1DIM4	Multi-Location Rail Dimmer	120V / 600W INC Per Channel 150W LED Per Channel	15W	100 - 5%	Yes
	Notes: Enforce min level to allow the fixture to turn on and to avoid flicker at low dimming levels. Enforce max level to avoid dead travel at high end.					
Crestron® DIN Rail 4-Channel Universal Dimmer	DIN-1DIMU4	Multi-Location Rail Dimmer	120V / 600W INC Per Channel 150W LED Per Channel	25W	100 - 5%	Yes
	Notes: Enforce min level to allow the fixture to turn on and to avoid flicker at low dimming levels. Enforce max level to avoid dead travel at high end.					
Crestron® 6-Channel Dimmer Module	GLX-DIM6	Multi-Location Dimmer Module	120V / 1920W INC 480W LED Per Channel	25W	100 - 5%	Yes
	Notes: Enforce min level to allow the fixture to turn on and to avoid flicker at low dimming levels. Enforce max level to avoid dead travel at high end.					
Crestron® 8-Channel Dimmer Module	GLXX-2DIM8	Multi-Location Dimmer Module	120V / 1920W INC 480W LED Per Channel	15W	100 - 5%	Yes
	Notes: Enforce min level to allow the fixture to turn on and to avoid flicker at low dimming levels. Enforce max level to avoid dead travel at high end.					
Legrand® Touch™ Wireless Dimmer	ADTH700MMTU	Multi-Location (RF) Trim-Adjustable	120V / 700W INC / 450W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					

COMPATIBLE CONTROLS FOR FENCER® SERIES LED FIXTURES

Multi-Location & Home Automation	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Leviton® Vizia rf+™ LED/CFL/INC/HAL Preset Dimmer	DZMX1-1L	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 450W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance. Compatible with Wink HUB and all Z-Wave® controllers.					
Lutron® Grafik Eye® 3000	GRX-3102	2 - Zone Control	120V / 800W INC per Zone/ 200W LED per Zone	10W	100 - 5%	Yes
	GRX-3103	3- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	GRX-3104	4- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	GRX-3106	6- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Grafik Eye® QS (Non-RF)	QSGR-3P	3- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone	10W	100 - 5%	Yes
	QSGR-4P	4- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGR-6P	6- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGR-8P	8- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Grafik Eye® QS Wireless (RF)	QSGRJ-3P	3- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone	10W	100 - 5%	Yes
	QSGRJ-4P	4- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGRJ-6P	6- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGRJ-8P	8- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Maestro® Wireless Inc/MLV Dimmer	MRF2-6ND-120	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Maestro® Wireless ELV Dimmer	MAELV-600	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Maestro® Wireless ELV Dimmer	MRF2-6ELV-120	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					

COMPATIBLE CONTROLS FOR FENCER® SERIES LED FIXTURES

Multi-Location & Home Automation	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® RadioRA2® Phase-Adaptive Dimmer	RRD-6NA	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
SmartHome™ SwitchLinc™ Dimmer	2477D	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
VANTAGE Decorator RFLC Universal Dimmer	DRD4	Multi-Location (RF)	Contact VANTAGE	10W	100 - 5%	Yes
	Notes: Contact VANTAGE for further information at 1.800.555.9891.					
VANTAGE Infusion Standard Dimmer Module	SDM12-EM	Multi-Location Trim-Adjustable	Contact VANTAGE	10W	100 - 5%	Yes
	Notes: Contact VANTAGE for further information at 1.800.555.9891.					

Occupancy Sensor Controls	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Leviton® Decora® Motion Sensor Switch	IPS02	Single Pole	120V / 300W INC / 150W LED	None	Switching Only	No
	Notes: This is an occupancy sensor switch, not a dimming control. Automatically, or manually turns lights On/Off.					
Lutron® Maestro® Occupancy Sensor Switch	MS-OPS5MH	Single Pole / 3-Way	120V / 600W INC / 360W LED	None	Switching Only	No
	Notes: This is an occupancy sensor switch, not a dimming control. Automatically, or manually turns lights On/Off.					
Lutron® Maestro® C•L Occupancy Sensor Dimmer	MSCL-OP153MH	Multi-Location Trim-Adjustable	120V / 600W INC / 150W LED	10W	100 - 5%	Yes
	Notes: Adjust minimum trim to optimize dimming performance. Automatically, or manually turns lights On/Off.					

NOTES

Note ¹ It's important to not load the dimming control more than the LED load capacity listed on this compatibility list. LED loads may exhibit an inrush current when switched on, which may overload the dimming control. These LED loads have been pre-calculated for easy reference (they are not listed on the dimming control unless advertised as an LED control). As a general rule of thumb, use the following formula to calculate the maximum LED load for all brands of compatible Incandescent (INC), Halogen (HAL), Magnetic Low Voltage (MLV), or Electronic Low Voltage (ELV) dimming controls:

$$L_{LED\ load} = D_{Dimmer\ load} \times .25$$

For example, let's calculate the LED load for the Lutron Diva INC/HAL Preset Dimmer (DV-600P). This dimmer has a 600W incandescent load.

$$L_{LED\ load} = 600W \times .25 = 150W$$

Note ² Dimming Range is based on the minimum and maximum measured lux (lx) values of the dimming control.



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