

OMNIDRIVE™ DIMMABLE DRIVER

DIMMING CONTROL COMPATIBILITY LIST

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

Important Notes:

- **Do not** exceed the **LED load capacity**.
- Honor all listed minimum load requirements.
- Read all dimmer notes & footnotes on the last page of this guide.

COMPATIBLE CONTROLS FOR ALL OMNIDRIVE MODELS

Single Pole	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Glyder® INC/HAL Slide-to-Off Dimmer	GL-600P	Single Pole	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 13%	No
	Notes: None.					
Lutron® Glyder® MLV Slide-to-off Dimmer	GLV-600	Single Pole	120V / 450W INC / 112.5W LED	≥60% Driver Capacity	100 - 8%	No
	Notes: None.					
Lutron® Nova® MLV Slide-to-off Dimmer	NLV-600	Single Pole	120V / 450W INC / 112.5W LED	≥60% Driver Capacity	100 - 13%	Yes
	NLV-1000	Single Pole	120V / 800W INC / 200W LED			
	NLV-1500	Single Pole	120V / 1200W INC / 300W LED			
	Notes: None.					

COMPATIBLE CONTROLS FOR 30W, 45W, 60W, & 80W OMNIDRIVE MODELS

Single Pole & 3-Way	Model #	Description	Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Ariadni®/ Toggler® C•L Preset Dimmer	AYCL-153P	Single Pole / 3-Way Trim-Adjustable	120V / 150W LED	≥60% Driver Capacity	100 - 13%	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	≥60% Driver Capacity	100 - 21%	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.						

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COMPATIBLE CONTROLS FOR 30W, 45W, 60W, & 80W OMNIDRIVE MODELS

Single Pole & 3-Way	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Ariadni®/ Toggler® MLV Preset Dimmer	AYLV-600P	Single Pole	120V / 450W Inc / 112.5W LED	≥60% Driver Capacity	100 - 21%	No
	AYLV-603P	3-Way	120V / 450W Inc / 112.5W LED			
	Notes: None.					
Lutron® Diva® C•L Preset Dimmer	DVCL-153P	Single Pole / 3-Way Trim-Adjustable	120V / 150W LED Load	≥60% Driver Capacity	100 - 21%	No
	DVCL-253P	Single Pole / 3-Way Trim-Adjustable	120V / 250W LED Load			
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Diva® Inc/Hal Preset Dimmer	DV-600P	Single Pole	120V / 600W Inc / 150W LED	≥60% Driver Capacity	100 - 21%	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® Diva® MLV Preset Dimmer	DVLV-600P	Single Pole	120V / 450W Inc / 112.5W LED	≥60% Driver Capacity	100 - 21%	No
	DVLV-603P	Single Pole / 3-Way	120V / 450W Inc / 112.5W LED			
	DVLV-10P	Single Pole	120V / 800W Inc / 200W LED			
	DVLV-103P	Single Pole / 3-Way	120V / 800W Inc / 200W LED			
	Notes: None.					
Lutron® Glyder® INC/HAL Slide-to- Off Dimmer	GL-600P	Single Pole	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 13%	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® Glyder® MLV Slide-to-off Dimmer	GLV-600	Single Pole	120V / 450W INC / 112.5W LED	≥60% Driver Capacity	100 - 8%	No
	Notes: None.					
Lutron® Nova® MLV Slide-to-off Dimmer	NLV-600	Single Pole	120V / 450W INC / 112.5W LED	≥60% Driver Capacity	100 - 13%	Yes
	NLV-1000	Single Pole	120V / 800W INC / 200W LED			
	NLV-1500	Single Pole	120V / 1200W INC / 300W LED			
	Notes: None.					

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COMPATIBLE CONTROLS FOR 30W, 45W, 60W, & 80W OMNIDRIVE MODELS

Single Pole & 3-Way	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Skylark® Inc/Hal Preset Dimmer *	S-600P	Single Pole	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 14 %	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: None.						
Lutron® Skylark Contour® Inc/Hal Preset Dimmer	CT-600P	Single Pole	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 15%	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.						
Leviton® Sureslide® MLV Preset Dimmer	6613-P	Single Pole / 3-Way	120V / 450W INC / 112.5W LED	≥60% Driver Capacity	100 - 10%	No
	Notes: None.					
Leviton® Vizia+™ INC/MLV Preset Dimmer	VPM10	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 14%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Leviton® Toggle Touch™ MLV Preset Dimmer	TGM10	Single Pole / 3-Way	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 4%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® Paddle™ INC/CFL/LED Preset Dimmer	ADPD453L	Single Pole / 3-Way Trim-Adjustable	120V / 600W INC / 450W LED	≥60% Driver Capacity	100 - 35%	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	≥60% Driver Capacity	100 - 20%	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	≥60% Driver Capacity	100 - 20%	No
	Notes: Adjust minimum trim to optimize dimming performance.					

COMPATIBLE CONTROLS FOR 30W, 45W, 60W, & 80W OMNIDRIVE MODELS

Multi-Location & Home Automation	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Maestro® Wireless Inc/MLV Dimmer	MRF2-6ND-120	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 11%	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	≥60% Driver Capacity	100 - 14%	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	≥60% Driver Capacity	100 - 8%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® RadioRA2® MLV Dimmer	RRD-10ND	Multi-Location (RF) Trim-Adjustable	120V / 1000W INC / 250W LED	≥60% Driver Capacity	100 - 12%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® RadioRA2® Phase-Adaptive Dimmer	RRD-6NA	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 12%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Vario® MLV Preset Dimmer	V-600	Single Pole / Multi-Location Switching	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 14%	No
	V-1000	Single Pole / Multi-Location Switching	120V / 1000W INC / 250W LED	≥60% Driver Capacity	100 - 14%	No
	Notes: Adjust minimum trim to optimize dimming performance.					
Legrand® Touch™ Wireless Dimmer	ADTH700MMTU	Multi-Location (RF) Trim-Adjustable	120V / 700W INC / 450W LED	≥60% Driver Capacity	100 - 39%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Control 4® Wireless Dimmer	LDZ-101-X	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 18%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
SmartHome™ SwitchLinc™ Dimmer	2477D	Multi-Location (RF) Trim-Adjustable	120V / 600W INC / 150W LED	≥60% Driver Capacity	100 - 26%	Yes
	Notes: Adjust minimum trim to optimize dimming performance.					
Lutron® Grafik Eye® 3000	GRX-3102	2 - Zone Control	120V / 800W INC per Zone / 200W LED per Zone	≥60% Driver Capacity	100 - 22%	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.					

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COMPATIBLE CONTROLS FOR 30W, 45W, 60W, & 80W OMNIDRIVE MODELS

Multi-Location & Home Automation	Model #	Description	LED Load Capacity ¹	Min Load	Dimming Range ²	Neutral Required?
Lutron® Grafik Eye® QS (Non-RF)	QSGR-3P	3- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone	≥60% Driver Capacity	100 - 22%	Yes
	QSGR-4P	4- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGR-5P	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	≥60% Driver Capacity	100 - 22%	Yes
	QSGRJ-4P	4- Zone Control	120V / 800W INC per Zone/ 200W LED per Zone			
	QSGRJ-5P	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.						

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.

ADDITIONAL RESOURCES

Visit the online product page at www.DiodeLED.com for additional resources including:

- **OMNIDRIVE Specification Sheet**
For full specifications.
- **OMNIDRIVE Installation Guide**
For system diagrams and full installation instructions.
- **Voltage Drop Charts**
Use to specify appropriate wire gauge for installation. Available at the 'Tools & Resources' page at www.DiodeLED.com.

QUESTIONS?

Visit www.DiodeLED.com or contact Customer Support at info@DiodeLED.com or 1.877.817.6028 Monday through Friday, 7:00am- 5:00pm PST.