

MODERN FORMS

Dimming Compatibility

ID E1905037V0

Product Family: Cascade
Sku Tested: PD-41703R
Related Models PD-417XX, PD-418XX

Test Voltage: 120-277V
Control Type: ELV
Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range	Comments
				Low End	
Adaptive Phase Dimmers					
Control4	Adaptive	C4-APD120	120	0.7%	Flicker below 0.7%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	39.0%	Flashing at low dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	39.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	11.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	11.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	14.0%	Not Recommended
Cooper	AL Series	AAL06	120	35.0%	Flashing at low dimming level; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	0.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	7.0%	
Lutron	Diva	DVELV-300P	120	3.0%	Start up flash at lower dimming level
Lutron	Maestro	MAELV-600	120	0.9%	Start up flash at lower dimming level; Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	2.0%	Start up flash at lower dimming level
Leviton	Illumatech	IPE04-1LZ	120	23.0%	
Lutron	Maestro	RRD-6NA	120	0.1%	Start up flash at lower dimming level; Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-P0W	120	13.0%	
Leviton	Decora	DSE06-10Z	120	1.0%	Start up flash at lower dimming level
Lutron	Caseta	PD-5NE	120	4.0%	Start up flash at the lowest dimming level
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	1.0%	Start up flash at lower dimming level; Turn on time >0.5s at the lowest dimming level; Flicker below 1%
Leviton	Renoir II	AWSMT-EBW	120	0.1%	Start up flash at lower dimming level
Lutron	Grafik-Eye	GRX-3103-A-G	120	11.0%	Flicker below 11%; Start up flash at lower dimming level
Leviton	Renoir II	AWSMT-EBW	277	2.0%	Start up flash at lower dimming level
Lutron	Grafik-Eye	GRX-3103-A-G	277	9.0%	Flicker below 11%; Start up flash at lower dimming level

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects Modern Forms's test results of a single fixture in single-pole wiring configuration for reference purposes; actual results may vary based on field conditions. Dimmer manufacturers may modify their product at any time, without notice to Modern Forms, and therefore Modern Forms cannot ensure future compatibility. For any questions on this report, please contact Modern Forms Customer Service at 1-866-810-6615 or customerservice@modernforms.com.

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Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	15.0%	Not Recommended
Lutron	Diva	DVCL-153P	120	35.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	31.0%	Not Recommended
Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	35.0%	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	N/A	Not Recommended
Lutron	Caseta	PD-6WCL	120	20.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	N/A	Not Recommended
Legrand	Radiant	RHCL453PW	120	N/A	Not Recommended

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