

MODERN FORMS

Dimming Compatibility

ID E1908019V0

Product Family: RACETRACK

Sku Tested: PD-53046-30

Related Models

Test Voltage: 120-277VAC

Control Type: ELV/0-10V/TRIAC

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	0.2%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	6.0%	Start up flash at high dimming level; Flashing at low dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	5.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUU4	120	8.0%	Start up flash at high dimming level
Legrand	Adorne (TRIAC)	ADTP703TUU4	120	8.0%	Not Recommended
Cooper	AL Series	AAL06	120	N/A	Flashing at high dimming level
Control4	Adaptive	C4-APD277	277	N/A	Flashing at high dimming level
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	8.0%	Start up flash at low dimming level
Lutron	Diva	DVELV-300P	120	7.0%	
Lutron	Maestro	MAELV-600	120	2.0%	
Lutron	Skylark	SELV-300P	120	7.0%	
Leviton	Illumatech	IPE04-1LZ	120	8.0%	
Lutron	Maestro	RRD-6NA	120	13.0%	Start up flash at high dimming level; Flicker below 13%
Leviton	SureSlide	6615-POW	120	14.0%	
Leviton	Decora	DSE06-10Z	120	5.0%	Start up flash at high dimming level; Flicker below 5%
Lutron	Caseta	PD-5NE	120	8.0%	Start up flash at high dimming level
Lutron	Homeworks	HRD-5NE	120	6.0%	Start up flash at high dimming level; Flashing at low dimming level
Lutron	Homeworks	HQRD-6NA	120	31.0%	Start up flash at high dimming level; Flashing at low dimming level
Leviton	Renoir II	AWSMT-EBW	120	4.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	120	7.0%	Flicker below 7%; Start up flash at high dimming level
Leviton	Renoir II	AWSMT-EBW	277	N/A	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	277	N/A	Flicker below 7%; Start up flash at high dimming level
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	8.0%	Start up flash at high dimming level
Lutron	Diva	DVCL-153P	120	3.0%	
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at all dimming levels
Lutron	Ariadni	AYCL-153PH	120	3.0%	Flicker below 3%

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.

MODERN FORMS

Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	4.0%	Flicker below 4%
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	13.0%	Start up flash at high dimming level; Flicker below 13%
Lutron	Caseta	PD-6WCL	120	8.0%	Start up flash at high dimming level
Legrand	Harmony	HCL453PW	120	N/A	Flashing at all dimming levels
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at all dimming levels
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	14.0%	Start up at the highest dimming level,the dimmer can not dimming.
Leviton	Decora	IP710-LFZ	120	3.0%	The output does not change in the 1/3 high dimming level.
Control4	Adaptive	C4-TV120277	120	3.0%	
Lutron	Diva	DVSTV	120	4.0%	Start up at the highest dimming level,the dimmer can not dimming.; The output does not change in the 1/2 high dimming level.
Leviton	Renoir	AWSMT-7DW	120	19.0%	The output does not change in the 1/2 high dimming level.
Legrand	Radiant	RH4FBL3PW	120	3.0%	The output does not change in the 1/3 high dimming level.
Lutron	Nova T	NTSTV	277	13.0%	Start up at the highest dimming level,the dimmer can not dimming.
Leviton	Decora	IP710-LFZ	277	4.0%	The output does not change in the 1/3 high dimming level.
Control4	Adaptive	C4-TV120277	277	5.0%	
Lutron	Diva	DVSTV	277	4.0%	Start up at the highest dimming level,the dimmer can not dimming.; Start up flash at high dimming level; The output does not change in the 1/2 high dimming level.
Leviton	Renoir	AWSMT-7DW	277	19.0%	The output does not change in the 1/2 high dimming level.
Legrand	Radiant	RH4FBL3PW	277	4.0%	The output does not change in the 1/3 high dimming level.

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