

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E2002013VO

Product Family: Illusion
Sku Tested: PD-31727
Related Models PD-31735

Test Voltage: 120-277V

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	0.9%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	21.0%	Flicker below 21%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	30.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	15.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	10.0%	Not Recommended
Cooper	AL Series	AAL06	120	21.0%	Flicker below 21%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	1.0%	Start up flash at high dimming level
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	13.0%	
Lutron	Diva	DVELV-300P	120	7.0%	
Lutron	Maestro	MAELV-600	120	2.0%	Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	7.0%	
Leviton	Illumatech	IPE04-1LZ	120	7.0%	
Lutron	Maestro	RRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	120	18.0%	
Leviton	Decora	DSE06-10Z	120	5.0%	
Lutron	Caseta	PD-5NE	120	9.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	120	0.8%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	277	2.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	15.0%	Turn on time >0.5s at the lowest dimming level
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	9.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	36.0%	Flicker below 36%; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	25.0%	Noise at 1 meter away

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Lutron	Ariadni	AYCL-153PH	120	3.0%	Noise at 1 meter away
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Forward Phase Dimmers (TRIAC) Cont.

Lutron	Skylark	SCL-153P-WH	120	37.0%	Flicker below 37%; Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	11.0%	Noise at 1 meter away
Lutron	Caseta	PD-6WCL	120	9.0%	Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	8.0%	Noise at 1 meter away
Legrand	Radiant	RHCL453PW	120	13.0%	Noise at 1 meter away

0-10V Dimmers

Lutron	Nova T	NTSTV	120	0.4%	
Leviton	Decora	IP710-LFZ	120	1.0%	
Control4	Adaptive	C4-TV120277	120	2.0%	
Lutron	Diva	DVSTV	120	0.6%	
Leviton	Renoir	AWSMT-7DW	120	7.0%	
Legrand	Radiant	RH4FBL3PW	120	0.9%	Flicker below 0.9%
Lutron	Nova T	NTSTV	277	0.2%	
Leviton	Decora	IP710-LFZ	277	1.0%	
Control4	Adaptive	C4-TV120277	277	2.0%	
Lutron	Diva	DVSTV	277	1.0%	
Leviton	Renoir	AWSMT-7DW	277	7.0%	
Legrand	Radiant	RH4FBL3PW	277	1.0%	Flicker below 1%

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ID E1907029V0

Product Family: Illusion
Sku Tested: PD-31735
Related Models PD-31727

Test Voltage: 120-277V
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	0.4%	Noise at 1 meter away
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	41.0%	Flicker below 41%; Noise at 1 meter away
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	66.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	12.0%	Noise at 1 meter away
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	11.0%	Not Recommended
Cooper	AL Series	AAL06	120	23.0%	Flicker below 23%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	1.0%	Noise at 1 meter away
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	10.0%	Noise at 1 meter away
Lutron	Diva	DVELV-300P	120	5.0%	Noise at 1 meter away
Lutron	Maestro	MAELV-600	120	1.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Lutron	Skylark	SELV-300P	120	5.0%	Noise at 1 meter away
Leviton	Illumatech	IPE04-1LZ	120	5.0%	Noise at 1 meter away
Lutron	Maestro	RRD-6NA	120	1.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	SureSlide	6615-POW	120	14.0%	Noise at 1 meter away
Leviton	Decora	DSE06-10Z	120	3.0%	Noise at 1 meter away
Lutron	Caseta	PD-5NE	120	7.0%	Noise at 1 meter away
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	0.9%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	Renoir II	AWSMT-EBW	120	0.9%	Noise at 1 meter away
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.4%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	Renoir II	AWSMT-EBW	277	0.7%	Noise at 1 meter away
Lutron	Grafik-Eye	GRX-3103-A-G	277	11.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	8.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	44.0%	Flicker below 44%; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	19.0%	Noise at 1 meter away

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Lutron	Ariadni	AYCL-153PH	120	2.0%	Noise at 1 meter away
Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	31.0%	Flicker below 31%; Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	8.0%	Noise at 1 meter away
Lutron	Caseta	PD-6WCL	120	9.0%	Flicker below 9%; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	5.0%	Noise at 1 meter away
Legrand	Radiant	RHCL453PW	120	33.0%	Flicker below 33%; Noise at 1 meter away
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	3.0%	
Leviton	Decora	IP710-LFZ	120	0.9%	Flicker below 0.9%
Control4	Adaptive	C4-TV120277	120	1.0%	Flicker below 1%
Lutron	Diva	DVSTV	120	0.9%	Flicker below 0.9%; Turn on time >0.5s at the lowest dimming level
Leviton	Renoir	AWSMT-7DW	120	10.0%	
Legrand	Radiant	RH4FBL3PW	120	0.9%	Flicker below 0.9%; Turn on time >0.5s at the lowest dimming level
Lutron	Nova T	NTSTV	277	2.0%	
Leviton	Decora	IP710-LFZ	277	0.8%	Flicker below 0.8%; Turn on time >0.5s at the lowest dimming level
Control4	Adaptive	C4-TV120277	277	0.8%	Flicker below 0.8%
Lutron	Diva	DVSTV	277	0.8%	Flicker below 0.8%; Turn on time >0.5s at the lowest dimming level
Leviton	Renoir	AWSMT-7DW	277	10.0%	
Legrand	Radiant	RH4FBL3PW	277	0.7%	Flicker below 0.7%; Turn on time >0.5s at the lowest dimming level

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects WAC'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 WAC Lighting, and therefore WAC Lighting cannot ensure future compatibility. For any questions on this report, please contact WAC Lighting Customer Service at 1-800-526-2588 or sales@wacighting.com.