

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E1910038V0

Product Family: Chaos
Skus Tested: PD-64814
Related Models: N/A

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	4.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	4.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	4.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	4.0%	Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	13.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	4.0%	Not Recommended
Cooper	AL Series	AAL06	120	4.0%	Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	3.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	6.0%	
Lutron	Diva	DVELV-300P	120	4.0%	
Lutron	Maestro	MAELV-600	120	3.0%	
Lutron	Skylark	SELV-300P	120	4.0%	
Leviton	Illumatech	IPE04-1LZ	120	4.0%	
Lutron	Maestro	RRD-6NA	120	4.0%	
Leviton	SureSlide	6615-P0W	120	21.0%	
Leviton	Decora	DSE06-10Z	120	4.0%	
Lutron	Caseta	PD-5NE	120	4.0%	
Lutron	Homeworks	HRD-5NE	120	4.0%	
Lutron	Homeworks	HQRD-6NA	120	30.0%	Flicker below 30%
Leviton	Renoir II	AWSMT-EBW	120	3.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	4.0%	
Leviton	Renoir II	AWSMT-EBW	277	3.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	3.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	4.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	4.0%	Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at high dimming level
Lutron	Ariadni	AYCL-153PH	120	3.0%	Noise at 1 meter away

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@waclighting.com.

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	4.0%	Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	N/A	Flashing at high dimming level
Lutron	Caseta	PD-6WCL	120	4.0%	Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming level
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming level
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	9.0%	
Leviton	Decora	IP710-LFZ	120	4.0%	
Control4	Adaptive	C4-TV120277	120	8.0%	
Lutron	Diva	DVSTV	120	100.0%	
Leviton	Renoir	AWSMT-7DW	120	16.0%	
Legrand	Radiant	RH4FBL3PW	120	2.0%	
Lutron	Nova T	NTSTV	277	8.0%	
Leviton	Decora	IP710-LFZ	277	3.0%	
Control4	Adaptive	C4-TV120277	277	5.0%	
Lutron	Diva	DVSTV	277	100.0%	
Leviton	Renoir	AWSMT-7DW	277	16.0%	
Legrand	Radiant	RH4FBL3PW	277	5.0%	

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Dimming Compatibility

ID E1910039V0

Product Family: Chaos
Sku Tested: PD-64820
Related Models: N/A

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	2.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	3.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	2.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	4.0%	Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	6.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	4.0%	Not Recommended
Cooper	AL Series	AAL06	120	4.0%	Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	4.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	5.0%	
Lutron	Diva	DVELV-300P	120	4.0%	
Lutron	Maestro	MAELV-600	120	3.0%	
Lutron	Skylark	SELV-300P	120	4.0%	
Leviton	Illumatech	IPE04-1LZ	120	4.0%	
Lutron	Maestro	RRD-6NA	120	3.0%	
Leviton	SureSlide	6615-P0W	120	17.0%	
Leviton	Decora	DSE06-10Z	120	4.0%	
Lutron	Caseta	PD-5NE	120	4.0%	
Lutron	Homeworks	HRD-5NE	120	4.0%	
Lutron	Homeworks	HQRD-6NA	120	56.0%	Flashing at high dimming level
Leviton	Renoir II	AWSMT-EBW	120	1.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	2.0%	
Leviton	Renoir II	AWSMT-EBW	277	5.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	4.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	4.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	3.0%	Noise at 1 meter away; Turn on time >0.5s at the lowest dimming level
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at high dimming level
Lutron	Ariadni	AYCL-153PH	120	3.0%	Noise at 1 meter away; Turn on time >0.5s at the lowest dimming level

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	3.0%	Noise at 1 meter away; Turn on time >0.5s at the lowest dimming level
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	N/A	Flashing at high dimming level
Lutron	Caseta	PD-6WCL	120	4.0%	Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming level
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming level
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	8.0%	
Leviton	Decora	IP710-LFZ	120	3.0%	
Control4	Adaptive	C4-TV120277	120	6.0%	
Lutron	Diva	DVSTV	120	4.0%	
Leviton	Renoir	AWSMT-7DW	120	16.0%	
Legrand	Radiant	RH4FBL3PW	120	3.0%	
Lutron	Nova T	NTSTV	277	8.0%	
Leviton	Decora	IP710-LFZ	277	5.0%	
Control4	Adaptive	C4-TV120277	277	5.0%	
Lutron	Diva	DVSTV	277	100.0%	Not smooth
Leviton	Renoir	AWSMT-7DW	277	16.0%	
Legrand	Radiant	RH4FBL3PW	277	3.0%	

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Dimming Compatibility

ID E1910040V0

Product Family: Chaos
Skus Tested: PD-64826
Related Models: N/A

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	2.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	30.0%	Flicker below 30%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	63.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	17.0%	Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	8.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	7.0%	Not Recommended
Cooper	AL Series	AAL06	120	12.0%	Flicker below 12%; Noise at 1 meter away; Not smooth
Control4	Adaptive	C4-APD277	277	5.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	7.0%	
Lutron	Diva	DVELV-300P	120	7.0%	
Lutron	Maestro	MAELV-600	120	3.0%	
Lutron	Skylark	SELV-300P	120	7.0%	
Leviton	Illumatech	IPE04-1LZ	120	7.0%	Turn on time >0.5s at the lowest dimming level
Lutron	Maestro	RRD-6NA	120	3.0%	
Leviton	SureSlide	6615-POW	120	15.0%	Start up at the lowest dimming level, flashing once The output doesn't change during the 1/2 to 1 high dimming
Leviton	Decora	DSE06-10Z	120	7.0%	
Lutron	Caseta	PD-5NE	120	7.0%	
Lutron	Homeworks	HRD-5NE	120	78.0%	Flashing at high dimming level; Turn on time >0.5s at the lowest dimming level
Lutron	Homeworks	HQRD-6NA	120	4.0%	Flicker below 4%
Leviton	Renoir II	AWSMT-EBW	120	1.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	2.0%	
Leviton	Renoir II	AWSMT-EBW	277	2.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	8.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	7.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	3.0%	Noise at 1 meter away

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Forward Phase Dimmers (TRIAC) Cont.					
Legrand	Adorne Paddle	ADPD453LW2	120	18.0%	Noise at 1 meter away
Lutron	Ariadni	AYCL-153PH	120	3.0%	Noise at 1 meter away
Lutron	Skylark	SCL-153P-WH	120	3.0%	Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	7.0%	Noise at 1 meter away
Lutron	Caseta	PD-6WCL	120	8.0%	Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming level
Legrand	Radiant	RHCL453PW	120	46.0%	Noise at 1 meter awayFlashing at low dimming level
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	15.0%	
Leviton	Decora	IP710-LFZ	120	6.0%	
Control4	Adaptive	C4-TV120277	120	5.0%	
Lutron	Diva	DVSTV	120	7.0%	
Leviton	Renoir	AWSMT-7DW	120	23.0%	
Legrand	Radiant	RH4FBL3PW	120	5.0%	
Lutron	Nova T	NTSTV	277	16.0%	
Leviton	Decora	IP710-LFZ	277	5.0%	
Control4	Adaptive	C4-TV120277	277	5.0%	
Lutron	Diva	DVSTV	277	6.0%	
Leviton	Renoir	AWSMT-7DW	277	24.0%	
Legrand	Radiant	RH4FBL3PW	277	5.0%	

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