

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E2310059V0

Product Family:

Sku Tested: WS-W54614-BZ

Related Models

Test Voltage: 120-277V

Control Type: ELC,TRIAC,MLV

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	0.8%	Flashing at low dimming level
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	49.0%	Flicker below 49%; Turn on time >0.5s at the lowest dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	N/A	Not Recommended
Legrand	Radiant	RH703PTUW	120	76.0%	Flicker at high dimming level Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	23.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	N/A	Not Recommended
Cooper	AL Series	AAL06	120	87.0%	Flicker at high dimming level; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	12.0%	Flicker below 12%
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	16.0%	
Lutron	Diva	DVELV-300P	120	12.0%	
Lutron	Maestro	MAELV-600	120	N/A	
Lutron	Skylark	SELV-300P	120	N/A	Not Recommended/Flicker at maximum output power
Leviton	Illumatech	IPE04-1LZ	120	71.0%	Flicker at high dimming level
Lutron	Maestro	RRD-6NA	120	26.0%	Flicker below 26%; Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	120	69.0%	Flicker at high dimming level
Leviton	Decora	DSE06-10Z	120	32.0%	Flicker below 32%
Lutron	Caseta	PD-5NE	120	14.0%	Flicker below 14%
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	17.0%	Flicker below 17%; Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	120	23.0%	Flicker below 23%
Lutron	Grafik-Eye	GRX-3103-A-G	120	6.0%	Flicker below 6%
Leviton	Renoir II	AWSMT-EBW	277	45.0%	Flicker below 23%
Lutron	Grafik-Eye	GRX-3103-A-G	277	29.0%	Flicker below 6%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	54.0%	Not Recommended
Lutron	Diva	DVCL-153P	120	50.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	44.0%	Not Recommended
Lutron	Skylark	SCL-153P-WH	120	40.0%	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	50.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	N/A	Not Recommended
Legrand	Radiant	RHCL453PW	120	N/A	Not Recommended

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.