

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E1910050V0

Product Family: Hawthorne

Skus Tested: WS-W33111

Related Models WS-W33118, WS-W33125

Test Voltage: 120V

Control Type: ELV/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	8.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	39.0%	Flicker below 39%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	66.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	10.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	9.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	9.0%	Not Recommended
Cooper	AL Series	AAL06	120	18.0%	Flicker below 18%
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	9.0%	
Lutron	Diva	DVELV-300P	120	9.0%	
Lutron	Maestro	MAELV-600	120	9.0%	
Lutron	Skylark	SELV-300P	120	9.0%	
Leviton	Illumatech	IPE04-1LZ	120	8.0%	
Lutron	Maestro	RRD-6NA	120	9.0%	
Leviton	SureSlide	6615-POW	120	10.0%	
Leviton	Decora	DSE06-10Z	120	9.0%	
Lutron	Caseta	PD-5NE	120	21.0%	Flicker below 21%
Lutron	Homeworks	HRD-5NE	120	N/A	
Lutron	Homeworks	HQRD-6NA	120	9.0%	
Leviton	Renoir II	AWSMT-EBW	120	8.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	8.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	9.0%	
Lutron	Diva	DVCL-153P	120	39.0%	Flicker below 39%
Legrand	Adorne Paddle	ADPD453LW2	120	16.0%	Flicker below 16%
Lutron	Ariadni	AYCL-153PH	120	12.0%	Flicker below 12%
Lutron	Skylark	SCL-153P-WH	120	9.0%	
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	8.0%	
Lutron	Caseta	PD-6WCL	120	14.0%	Flicker below 14%
Legrand	Harmony	HCL453PW	120	8.0%	
Legrand	Radiant	RHCL453PW	120	8.0%	

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Dimming Compatibility

ID V0

Product Family: Hawthorne
Sku Tested: WS-W33118
Related Model Numbers: WS-W33111, WS-W33125

Test Voltage: 120V
Control Type: ELV/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	7.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	41.0%	Flicker below 41%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	51.0%	Flicker below 51%
Legrand	Radiant	RH703PTUW	120	7.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	6.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	6.0%	
Cooper	AL Series	AAL06	120	N/A	Flashing at high dimming level
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	6.0%	
Lutron	Diva	DVELV-300P	120	6.0%	
Lutron	Maestro	MAELV-600	120	6.0%	
Lutron	Skylark	SELV-300P	120	6.0%	
Leviton	Illuminatech	IPE04-1LZ	120	10.0%	
Lutron	Maestro	RRD-6NA	120	6.0%	
Leviton	SureSlide	6615-POW	120	6.0%	
Leviton	Decora	DSE06-10Z	120	7.0%	
Lutron	Caseta	PD-5NE	120	6.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at high dimming level
Leviton	Renoir II	AWSMT-EBW	120	6.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	6.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MAEL-153M-WH	120	6.0%	
Lutron	Diva	DVCL-153PD	120	32.0%	Flicker below 32%
Legrand	Adorne Paddle	ADPD453LW2	120	7.0%	
Lutron	Ariadni	AYCL-153PH	120	6.0%	
Lutron	Skylark	SCL-153P-WH	120	6.0%	
Lutron	Maestro	MA-600-WH	120	N/A	Flashing at all dimming levels
Leviton	SureSlide	6674-POW	120	6.0%	
Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Caseta	PD-6WCL	120	6.0%	

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Legrand	Harmony	HCL453PW	120	6.0%	
Legrand	Radiant	RHCL453PW	120	6.0%	

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Dimming Compatibility

ID V0

Product Family: Hawthorne
SKU Tested: WS-W33125
Related Model Numbers: WS-W33111, WS-W33118

Test Voltage: 120V
Control Type: ELV/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	#VALUE!	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	#VALUE!	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	#VALUE!	
Legrand	Radiant	RH703PTUW	120	10.0%	Flicker below 10%
Legrand	Adorne (ELV)	ADTP703TUW4	120	#VALUE!	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	#VALUE!	
Cooper	AL Series	AAL06	120	#VALUE!	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	#VALUE!	
Lutron	Diva	DVELV-300P	120	#VALUE!	
Lutron	Maestro	MAELV-600	120	#VALUE!	
Lutron	Skylark	SELV-300P	120	#VALUE!	
Leviton	Illumatech	IPE04-1LZ	120	#VALUE!	
Lutron	Maestro	RRD-6NA	120	#VALUE!	
Leviton	SureSlide	6615-POW	120	#VALUE!	
Leviton	Decora	DSE06-10Z	120	#VALUE!	
Lutron	Caseta	PD-5NE	120	#VALUE!	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at high dimming level
Leviton	Renoir II	AWSMT-EBW	120	#VALUE!	
Lutron	Grafik-Eye	GRX-3103-A-G	120	#VALUE!	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MAEL-153M-WH	120	#VALUE!	
Lutron	Diva	DVCL-153PD	120	11.0%	Flicker below 11%
Legrand	Adorne Paddle	ADPD453LW2	120	11.0%	Flicker below 11%
Lutron	Ariadni	AYCL-153PH	120	15.0%	Flicker below 15%
Lutron	Skylark	SCL-153P-WH	120	12.0%	Flicker below 12%
Lutron	Maestro	MA-600-WH	120	N/A	Flashing at high dimming level
Leviton	SureSlide	6674-POW	120	#VALUE!	
Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Caseta	PD-6WCL	120	13.0%	Flicker below 13%

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Legrand	Harmony	HCL453PW	120	#VALUE!	
Legrand	Radiant	RHCL453PW	120	47.0%	Flashing at high 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.