

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E1812036V0

Product Family:

Sku Tested: WS-77612

Related Models

Test Voltage: 120-277V

Control Type:

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	70.0%	Flashing at high dimming level; Noise at 1 meter away
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	44.0%	Flicker below 44%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	87.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	22.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	11.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	N/A	Not Recommended
Cooper	AL Series	AAL06	120	74.0%	Flashing at high dimming level; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	2.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	7.0%	
Lutron	Diva	DVELV-300P	120	4.0%	
Lutron	Maestro	MAELV-600	120	3.0%	Flashing at low dimming level; Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	4.0%	
Leviton	Illumatech	IPE04-1LZ	120	37.0%	Flicker below 37%
Lutron	Maestro	RRD-6NA	120	4.0%	Flashing at low dimming level; Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-P0W	120	50.0%	Flicker below 50%
Leviton	Decora	DSE06-10Z	120	4.0%	Flicker below 4%
Lutron	Caseta	PD-5NE	120	6.0%	Flicker below 6%
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	3.0%	Flashing at low dimming level; Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	120	4.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	120	4.0%	Flicker below 4%; Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	277	8.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	277	9.0%	Flicker below 4%; Turn on time >0.5s at the lowest dimming level
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	51.0%	Flashing at high dimming level; Noise at 1 meter away

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Diva	DVCL-153P	120	43.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at high dimming level; Noise at 1 meter away
Lutron	Ariadni	AYCL-153PH	120	37.0%	Flashing at low dimming level; Noise at 1 meter away
Lutron	Skylark	SCL-153P-WH	120	40.0%	Flashing at low dimming level; 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 levelNoise at 1 meter away
Lutron	Caseta	PD-6WCL	120	37.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away

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Dimming Compatibility

ID E1812037V0

Product Family:

Sku Tested: WS-77618

Related Models

Test Voltage: 120-277V

Control Type:

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	0.6%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	45.0%	Flicker below 45%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	56.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	16.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	13.0%	Not Recommended
Cooper	AL Series	AAL06	120	81.0%	Flashing at high dimming level; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	2.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	12.0%	
Lutron	Diva	DVELV-300P	120	8.0%	
Lutron	Maestro	MAELV-600	120	4.0%	Flicker below 4%; Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	9.0%	
Leviton	Illumatech	IPE04-1LZ	120	28.0%	
Lutron	Maestro	RRD-6NA	120	5.0%	Flicker below 5%; Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	120	19.0%	
Leviton	Decora	DSE06-10Z	120	7.0%	Flicker below 7%
Lutron	Caseta	PD-5NE	120	10.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	4.0%	Turn on time >0.5s at the lowest dimming level; Flicker below 4%
Leviton	Renoir II	AWSMT-EBW	120	0.8%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	8.0%	Flicker below 8%
Leviton	Renoir II	AWSMT-EBW	277	10.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	14.0%	Flicker below 8%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	71.0%	Flashing at high dimming level; Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	41.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at high dimming level; Noise at 1 meter away

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Ariadni	AYCL-153PH	120	29.0%	Flashing at low dimming level; Noise at 1 meter away
Lutron	Skylark	SCL-153P-WH	120	52.0%	Flashing at high dimming level; 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 all dimming levelsNoise at 1 meter away
Lutron	Caseta	PD-6WCL	120	37.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away

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Dimming Compatibility

ID E1812038V0

Product Family:

Sku Tested: WS-77624

Related Models

Test Voltage: 120-277V

Control Type:

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%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	47.0%	Flashing at low dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	56.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	19.0%	Turn on time >0.5s at all levels
Legrand	Adorne (ELV)	ADTP703TUW4	120	13.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	9.0%	Not Recommended
Cooper	AL Series	AAL06	120	27.0%	Flicker below 27%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	6.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	8.0%	
Lutron	Diva	DVELV-300P	120	5.0%	
Lutron	Maestro	MAELV-600	120	0.8%	Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	5.0%	
Leviton	Illumatech	IPE04-1LZ	120	23.0%	
Lutron	Maestro	RRD-6NA	120	0.9%	Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-P0W	120	15.0%	
Leviton	Decora	DSE06-10Z	120	4.0%	
Lutron	Caseta	PD-5NE	120	7.0%	
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
Leviton	Renoir II	AWSMT-EBW	120	0.8%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.4%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	277	6.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	10.0%	Turn on time >0.5s at the lowest dimming level
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	63.0%	Flashing at high dimming level; Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	42.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flashing at high dimming level; Noise at 1 meter away
Lutron	Ariadni	AYCL-153PH	120	36.0%	Flashing at low dimming level; Noise at 1 meter away

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Lutron	Skylark	SCL-153P-WH	120	49.0%	Flashing at low dimming level; Noise at 1 meter away; Start up flash at low dimming level
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	N/A	Flashing at high dimming levelNoise at 1 meter away
Lutron	Caseta	PD-6WCL	120	53.0%	Flashing at high dimming level; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away

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Responsible Lighting®

Dimming Compatibility

ID E1812039V0

Product Family:

Sku Tested: WS-77636

Related Models

Test Voltage: 120-277V

Control Type:

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	0.1%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	33.0%	Flashing at low dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	65.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	12.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	7.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	4.0%	Not Recommended
Cooper	AL Series	AAL06	120	27.0%	Flicker below 27%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	1.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	5.0%	
Lutron	Diva	DVELV-300P	120	2.0%	
Lutron	Maestro	MAELV-600	120	0.0%	
Lutron	Skylark	SELV-300P	120	2.0%	
Leviton	Illumatech	IPE04-1LZ	120	15.0%	
Lutron	Maestro	RRD-6NA	120	0.0%	
Leviton	SureSlide	6615-P0W	120	9.0%	
Leviton	Decora	DSE06-10Z	120	3.0%	Flicker below 3%
Lutron	Caseta	PD-5NE	120	3.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	0.0%	
Leviton	Renoir II	AWSMT-EBW	120	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.4%	
Leviton	Renoir II	AWSMT-EBW	277	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	6.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	49.0%	Flashing at low dimming level; Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	38.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	N/A	Flicker at the highest dimming level

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Ariadni	AYCL-153PH	120	35.0%	Flashing at low dimming level; Noise at 1 meter away
Lutron	Skylark	SCL-153P-WH	120	68.0%	Flashing at high dimming level; Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	N/A	Noise at 1 meter awayFlicker at high dimming level
Lutron	Caseta	PD-6WCL	120	43.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming levelNoise at 1 meter away

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