

# WAC LIGHTING

Responsible Lighting®

## Dimming Compatibility

ID E2009066V0

**Product Family:** Styx

**Sku Tested:** WS-41119

**Related Models** WS-41125, WS-41137

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	0.2%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	36.0%	Flicker below 36%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	62.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	9.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	15.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	6.0%	Not Recommended
Cooper	AL Series	AAL06	120	N/A	Dimmer not responsive
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	8.0%	
Lutron	Diva	DVELV-300P	120	4.0%	
Lutron	Maestro	MAELV-600	120	1.0%	
Lutron	Skylark	SELV-300P	120	4.0%	
Leviton	Illumatech	IPE04-1LZ	120	6.0%	
Lutron	Maestro	RRD-6NA	120	1.0%	
Leviton	SureSlide	6615-POW	120	15.0%	
Leviton	Decora	DSE06-10Z	120	3.0%	
Lutron	Caseta	PD-5NE	120	5.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at high dimming level
Lutron	Homeworks	HQRD-6NA	120	1.0%	
Leviton	Renoir II	AWSMT-EBW	120	0.2%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.8%	
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MAELV-153M-WH	120	6.0%	Flicker below 6%
Lutron	Diva	DVCL-153P	120	46.0%	Flicker below 46%
Legrand	Adorne Paddle	ADPD453LW2	120	19.0%	Flicker below 19%
Lutron	Ariadni	AYCL-153PH	120	1.0%	
Lutron	Skylark	SCL-153P-WH	120	50.0%	Flashing at high dimming level
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	3.0%	
Lutron	Caseta	PD-6WCL	120	27.0%	Flicker below 27%
Legrand	Harmony	HCL453PW	120	25.0%	Flicker below 25%
Legrand	Radiant	RHCL453PW	120	28.0%	Flicker below 28%

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## Dimming Compatibility

ID E2009067V0

**Product Family:** Styx

**Skus Tested:** WS-41125

**Related Models** WS-41119, WS-41137

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	0.7%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	60.0%	Flashing at high dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	19.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	9.0%	Flicker below 9%
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%
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	9.0%	
Lutron	Diva	DVELV-300P	120	5.0%	
Lutron	Maestro	MAELV-600	120	2.0%	
Lutron	Skylark	SELV-300P	120	5.0%	
Leviton	Illumatech	IPE04-1LZ	120	13.0%	Flicker below 13%
Lutron	Maestro	RRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	120	17.0%	
Leviton	Decora	DSE06-10Z	120	3.0%	
Lutron	Caseta	PD-5NE	120	6.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at high dimming level
Lutron	Homeworks	HQRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	120	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	Turn on time >0.5s at the lowest dimming level
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MACL-153M-WH	120	9.0%	Flicker below 9%
Lutron	Diva	DVCL-153P	120	19.0%	Flicker below 19%
Legrand	Adorne Paddle	ADPD453LW2	120	17.0%	
Lutron	Ariadni	AYCL-153PH	120	9.0%	Flicker below 9%
Lutron	Skylark	SCL-153P-WH	120	23.0%	Flicker below 23%
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	4.0%	
Lutron	Caseta	PD-6WCL	120	16.0%	Flicker below 16%
Legrand	Harmony	HCL453PW	120	17.0%	Flashing at low dimming level
Legrand	Radiant	RHCL453PW	120	23.0%	Flicker below 23%

# WAC LIGHTING

Responsible Lighting®

## Dimming Compatibility

ID E2010031V0

**Product Family:** Styx

**SKU Tested:** WS-41137

**Related Models** WS-41119, WS-41119

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	0.4%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	1.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.8%	Not Recommended
Legrand	Radiant	RH703PTUW	120	11.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	10.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	10.0%	Not Recommended
Cooper	AL Series	AAL06	120	9.0%	Flicker below 9%
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	7.0%	
Lutron	Diva	DVELV-300P	120	3.0%	
Lutron	Maestro	MAELV-600	120	0.8%	Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	4.0%	
Leviton	Illumatech	IPE04-1LZ	120	5.0%	
Lutron	Maestro	RRD-6NA	120	0.8%	Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	120	13.0%	
Leviton	Decora	DSE06-10Z	120	2.0%	
Lutron	Caseta	PD-5NE	120	4.0%	
Lutron	Homeworks	HRD-5NE	120	3.0%	
Lutron	Homeworks	HQRD-6NA	120	0.8%	
Leviton	Renoir II	AWSMT-EBW	120	0.3%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.5%	
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MACL-153M-WH	120	7.0%	Flicker below 7%
Lutron	Diva	DVCL-153P	120	0.4%	
Legrand	Adorne Paddle	ADPD453LW2	120	14.0%	
Lutron	Ariadni	AYCL-153PH	120	4.0%	Flicker below 4%
Lutron	Skylark	SCL-153P-WH	120	5.0%	Flicker below 5%
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	3.0%	
Lutron	Caseta	PD-6WCL	120	17.0%	Flicker below 17%
Legrand	Harmony	HCL453PW	120	3.0%	Turn on time >0.5s at the lowest dimming level
Legrand	Radiant	RHCL453PW	120	14.0%	Flashing at low dimming level

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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](mailto:sales@wacighting.com).