

# WAC LIGHTING

Responsible Lighting®

## Dimming Compatibility

ID E2003062V0

**Product Family:** Atlas  
**Sku Tested:** PD-51030  
**Related Models** PD-51041, PD-51050

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	9.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	9.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	8.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	9.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	9.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	9.0%	Not Recommended
Cooper	AL Series	AAL06	120	8.0%	
Control4	Adaptive	C4-APD277	277	8.0%	
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	9.0%	
Lutron	Diva	DVELV-300P	120	9.0%	
Lutron	Maestro	MAELV-600	120	35.0%	Flashing at low dimming level
Lutron	Skylark	SELV-300P	120	9.0%	
Leviton	Illumatech	IPE04-1LZ	120	9.0%	
Lutron	Maestro	RRD-6NA	120	8.0%	
Leviton	SureSlide	6615-POW	120	14.0%	
Leviton	Decora	DSE06-10Z	120	8.0%	
Lutron	Caseta	PD-5NE	120	9.0%	Turn on time >0.5s at the lowest dimming level
Lutron	Homeworks	HRD-5NE	120	8.0%	
Lutron	Homeworks	HQRD-6NA	120	8.0%	
Leviton	Renoir II	AWSMT-EBW	120	8.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	9.0%	
Leviton	Renoir II	AWSMT-EBW	277	8.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	9.0%	
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MAELV-153M-WH	120	9.0%	
Lutron	Diva	DVCL-153P	120	8.0%	
Legrand	Adorne Paddle	ADPD453LW2	120	70.0%	Flicker at high dimming level
Lutron	Ariadni	AYCL-153PH	120	8.0%	

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	8.0%	
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	9.0%	
Lutron	Caseta	PD-6WCL	120	9.0%	Turn on time >0.5s at the lowest dimming level; Start up flash once at the lowest dimming level
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	14.0%	
Leviton	Decora	IP710-LFZ	120	4.0%	
Control4	Adaptive	C4-TV120277	120	10.0%	
Lutron	Diva	DVSTV	120	5.0%	
Leviton	Renoir	AWSMT-7DW	120	22.0%	
Legrand	Radiant	RH4FBL3PW	120	4.0%	
Lutron	Nova T	NTSTV	277	14.0%	
Leviton	Decora	IP710-LFZ	277	4.0%	
Control4	Adaptive	C4-TV120277	277	4.0%	
Lutron	Diva	DVSTV	277	5.0%	
Leviton	Renoir	AWSMT-7DW	277	22.0%	
Legrand	Radiant	RH4FBL3PW	277	4.0%	

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## Dimming Compatibility

ID E2003064V0

**Product Family:** Atlas  
**Sku Tested:** PD-51041  
**Related Models** PD-51030, PD-51050

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	2.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	43.0%	Flicker below 43%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	46.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	12.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	8.0%	Not Recommended
Cooper	AL Series	AAL06	120	29.0%	Flicker below 29%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	4.0%	
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	10.0%	
Lutron	Diva	DVELV-300P	120	6.0%	
Lutron	Maestro	MAELV-600	120	2.0%	Turn on time >0.5s at the lowest dimming level
Lutron	Skylark	SELV-300P	120	6.0%	
Leviton	Illumatech	IPE04-1LZ	120	6.0%	
Lutron	Maestro	RRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	SureSlide	6615-POW	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	2.0%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	120	2.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	Turn on time >0.5s at the lowest dimming level
Leviton	Renoir II	AWSMT-EBW	277	1.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	11.0%	Turn on time >0.5s at the lowest dimming level
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MACL-153M-WH	120	8.0%	Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	37.0%	Flicker below 37%; 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	3.0%	Noise at 1 meter away

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	32.0%	Flicker below 32%; Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	9.0%	Noise at 1 meter away
Lutron	Caseta	PD-6WCL	120	14.0%	Flicker below 14%; Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	N/A	Flashing at high dimming level; Noise at 1 meter away
Legrand	Radiant	RHCL453PW	120	N/A	Flashing at high dimming level; Noise at 1 meter away
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	3.0%	
Leviton	Decora	IP710-LFZ	120	3.0%	
Control4	Adaptive	C4-TV120277	120	0.9%	
Lutron	Diva	DVSTV	120	2.0%	
Leviton	Renoir	AWSMT-7DW	120	8.0%	
Legrand	Radiant	RH4FBL3PW	120	2.0%	
Lutron	Nova T	NTSTV	277	0.9%	
Leviton	Decora	IP710-LFZ	277	1.0%	
Control4	Adaptive	C4-TV120277	277	0.8%	
Lutron	Diva	DVSTV	277	1.0%	
Leviton	Renoir	AWSMT-7DW	277	8.0%	
Legrand	Radiant	RH4FBL3PW	277	2.0%	

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## Dimming Compatibility

ID E2003089V0

**Product Family:** Atlas  
**Sku Tested:** PD-51050  
**Related Models** PD-51030, PD-51041

**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	
<b>Adaptive Phase Dimmers</b>					
Control4	Adaptive	C4-APD120	120	0.6%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	26.0%	Flicker below 26%; Noise at 1 meter away
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	30.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	11.0%	Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	13.0%	Noise at 1 meter away
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	13.0%	Not Recommended
Cooper	AL Series	AAL06	120	20.0%	Flicker below 20%; Noise at 1 meter away
Control4	Adaptive	C4-APD277	277	3.0%	Noise at 1 meter away
<b>Reverse Phase Dimmers (ELV)</b>					
Lutron	Nova T	NTELV-600	120	12.0%	Noise at 1 meter away
Lutron	Diva	DVELV-300P	120	7.0%	Noise at 1 meter away
Lutron	Maestro	MAELV-600	120	2.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Lutron	Skylark	SELV-300P	120	7.0%	Noise at 1 meter away
Leviton	Illumatech	IPE04-1LZ	120	7.0%	Noise at 1 meter away
Lutron	Maestro	RRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	SureSlide	6615-POW	120	16.0%	Noise at 1 meter away
Leviton	Decora	DSE06-10Z	120	5.0%	Noise at 1 meter away
Lutron	Caseta	PD-5NE	120	8.0%	Noise at 1 meter away
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Lutron	Homeworks	HQRD-6NA	120	2.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	Renoir II	AWSMT-EBW	120	1.0%	Noise at 1 meter away
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
Leviton	Renoir II	AWSMT-EBW	277	2.0%	Noise at 1 meter away
Lutron	Grafik-Eye	GRX-3103-A-G	277	12.0%	Turn on time >0.5s at the lowest dimming level; Noise at 1 meter away
<b>Forward Phase Dimmers (TRIAC)</b>					
Lutron	Maestro	MAELV-153M-WH	120	13.0%	Flicker below 13%; Noise at 1 meter away
Lutron	Diva	DVCL-153P	120	35.0%	Flicker below 35%; Noise at 1 meter away
Legrand	Adorne Paddle	ADPD453LW2	120	25.0%	Flashing at low dimming level

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Lutron	Ariadni	AYCL-153PH	120	3.0%	Noise at 1 meter away
<b>Forward Phase Dimmers (TRIAC) Cont.</b>					
Lutron	Skylark	SCL-153P-WH	120	40.0%	Flicker below 40%; Noise at 1 meter away
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	10.0%	Noise at 1 meter away
Lutron	Caseta	PD-6WCL	120	9.0%	Noise at 1 meter away
Legrand	Harmony	HCL453PW	120	23.0%	Flashing at low dimming level; Noise at 1 meter away
Legrand	Radiant	RHCL453PW	120	28.0%	Flashing at low dimming level; Noise at 1 meter away
<b>0-10V Dimmers</b>					
Lutron	Nova T	NTSTV	120	0.8%	
Leviton	Decora	IP710-LFZ	120	0.3%	
Control4	Adaptive	C4-TV120277	120	1.0%	
Lutron	Diva	DVSTV	120	0.8%	
Leviton	Renoir	AWSMT-7DW	120	8.0%	
Legrand	Radiant	RH4FBL3PW	120	0.4%	
Lutron	Nova T	NTSTV	277	0.5%	
Leviton	Decora	IP710-LFZ	277	0.4%	
Control4	Adaptive	C4-TV120277	277	0.6%	
Lutron	Diva	DVSTV	277	0.4%	
Leviton	Renoir	AWSMT-7DW	277	7.0%	
Legrand	Radiant	RH4FBL3PW	277	0.4%	

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.