

WAC LIGHTING

Dimming Compatibility

ID E2105021V0

Product Family: STRUT

Sku Tested: S2SD-1-N930 Firmware Versions- SCM:01.16, IOTM:01.01.003, Fixture:03.09

Related Models S2DH*, S2DR*, S2ID*, S2WW*, S2MD*, S2SD*, S2SS*, S2SA*, S2FM*, S2PD01*, S2PD02*, S2PD03*, S2PD04*, S2PD05*

Test Voltage: 48VDC

Control Type: ELV, TRIAC, 0-10V, App

Tech Notes: With STRUT, unswitched line voltage power is to be constantly supplied to the STRUT CPU with the dimming input(s) wired to appropriate CPU dimmer input(s). Reference appropriate STRUT CPU instructions for further details.

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	0.1%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.1%	
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	N/A	Dimmer not responsive
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	N/A	Dimmer not responsive
Cooper	AL Series	AAL06	120	0.1%	Start up flash at high dimming level
Control4	Adaptive	C4-APD277	277	N/A	277V phase control not supported
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	0.1%	
Lutron	Diva	DVELV-300P	120	0.1%	
Lutron	Maestro	MAELV-600	120	0.1%	
Lutron	Skylark	SELV-300P	120	0.1%	
Leviton	Illumatech	IPE04-1LZ	120	20.0%	
Lutron	Maestro	RRD-6NA	120	0.1%	
Leviton	SureSlide	6615-P0W	120	10.0%	
Leviton	Decora	DSE06-10Z	120	0.1%	
Lutron	Caseta	PD-5NE	120	0.1%	
Lutron	Homeworks	HRD-5NE	120	0.1%	
Lutron	Homeworks	HQRD-6NA	120	0.1%	
Leviton	Renoir II	AWSMT-EBW	120	0.1%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.1%	
Leviton	Renoir II	AWSMT-EBW	277	N/A	277V phase control not supported
Lutron	Grafik-Eye	GRX-3103-A-G	277	N/A	277V phase control not supported
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.1%	
Lutron	Diva	DVCL-153P	120	0.1%	
Legrand	Adorne Paddle	ADPD453LW2	120	0.1%	
Lutron	Ariadni	AYCL-153PH	120	20.0%	

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.

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	0.1%	Strobing at high dimming level
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive
Leviton	SureSlide	6674-POW	120	0.1%	Start up Flash
Lutron	Caseta	PD-6WCL	120	N/A	Unresponsive due to dimmer load requirements
Legrand	Harmony	HCL453PW	120	N/A	Strobing
Legrand	Radiant	RHCL453PW	120	N/A	Strobing
0-10V Dimmers					
Note: With STRUT, the line voltage power is to be constantly supplied to the STRUT CPU and the toggle on /off mechanism of the controls (by others) is to bring the 0–10 V signal to 0 V when in the off position. Reference appropriate STRUT CPU instructions for further details.					
Lutron	Nova T	NTSTV	120	0.1%	
Lutron	Diva	DVTV	120	0.1%	Follow dimmer wiring without Power Pack
Leviton	Decora	IP710-LFZ	120	0.1%	Slider functional. Toggle on/off not functional
Control4	Adaptive	C4-TV120277	120	0.1%	
Lutron	Diva	DVSTV	120	0.1%	Slider functional. Toggle on/off not functional
Leviton	Renoir	AWSMT-7DW	120	3.0%	
Legrand	Radiant	RH4FBL3PW	120	0.1%	Slider functional. Toggle on/off not functional
Lutron	Nova T	NTSTV	277	0.1%	
Lutron	Diva	DVTV	277	0.1%	Follow dimmer wiring without Power Pack
Leviton	Decora	IP710-LFZ	277	0.1%	Slider functional. Toggle on/off not functional
Control4	Adaptive	C4-TV120277	277	0.1%	
Lutron	Diva	DVSTV	277	0.1%	Slider functional. Toggle on/off not functional
Leviton	Renoir	AWSMT-7DW	277	3.0%	
Legrand	Radiant	RH4FBL3PW	277	0.1%	Slider functional. Toggle on/off not functional
iOS or Android APP					
WAC Lighting	WAC STRUT Application	N/A	120-277	0.1%	

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