

Product Family: Volta 2" Downlight

SKU Tested: R2R2D-N827-WT ON 22 HSG

Related Model Numbers: All 2" Volta **N,F,W,A** beam trims on **15,22** housing

Test Voltage: 120-277V

Control Type: ELV, 0-10V

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	20.0%	Flicker below 20%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	33.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	16.0%	
Legrand	Adorne (ELV)	ADTP703TUUW4	120	15.0%	
Legrand	Adorne (TRIAC)	ADTP703TUUW4	120	13.0%	Not Recommended
Cooper	AL Series	AAL06	120	9.9%	
Control4	Adaptive	C4-APD277	277	2.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	10.0%	
Lutron	Diva	DVELV-300P	120	6.0%	
Lutron	Maestro	MAELV-600	120	0.9%	
Lutron	Skylark	SELV-300P	120	6.0%	
Leviton	Illumatech	IPE04-1LZ	120	26.0%	
Lutron	Maestro	RRD-6NA	120	1.0%	
Leviton	SureSlide	6615-POW	120	17.0%	
Leviton	Decora	DSE06-10Z	120	4.0%	
Lutron	Caseta	PD-5NE	120	8.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Leviton	Renoir II	AWSMT-EBW	120	9.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.4%	
Leviton	Renoir II	AWSMT-EBW	277	9.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	0.4%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	14.0%	Not Recommended
Lutron	Diva	DVCL-153PD	120	17.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	23.0%	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	4.0%	Not Recommended

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	32.0%	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	16.0%	Not Recommended
Lutron	Caseta	PD-6WCL	120	13.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	0.6%	Not Recommended
Legrand	Radiant	RHCL453PW	120	N/A	Not Recommended
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	0.1%	
Leviton	Decora	IP710-LFZ	120	0.1%	
Control4	Adaptive	C4-TV120277	120	0.1%	
Lutron	Diva	DVSTV	120	0.1%	
Leviton	Renoir	AWSMT-7DW	120	0.1%	
Legrand	Radiant	RH4FBL3PW	120	0.1%	
Lutron	Nova T	NTSTV	277	0.1%	
Leviton	Decora	IP710-LFZ	277	0.1%	
Control4	Adaptive	C4-TV120277	277	0.1%	
Lutron	Diva	DVSTV	277	0.1%	
Leviton	Renoir	AWSMT-7DW	277	0.1%	
Legrand	Radiant	RH4FBL3PW	277	0.1%	

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Product Family: Volta 2" Downlight

SKU Tested: R2R2D-S827-WT ON 22 HSG

Related Model Numbers: All 2" Volta spot ("S") beam trims on **15,22** housing

Test Voltage: 120-277V

Control Type: ELV, 0-10V

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	0.7%	Flicker at high dimming level
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	92.0%	Flicker at high dimming level
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	1.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	66.0%	Flicker below 66%
Legrand	Adorne (ELV)	ADTP703TUW4	120	74.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	17.0%	Not Recommended
Cooper	AL Series	AAL06	120	4.0%	
Control4	Adaptive	C4-APD277	277	1.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	14.0%	
Lutron	Diva	DVELV-300P	120	8.0%	
Lutron	Maestro	MAELV-600	120	2.0%	
Lutron	Skylark	SELV-300P	120	9.0%	
Leviton	Illumatech	IPE04-1LZ	120	32.0%	
Lutron	Maestro	RRD-6NA	120	3.0%	
Leviton	SureSlide	6615-P0W	120	22.0%	
Leviton	Decora	DSE06-10Z	120	6.0%	
Lutron	Caseta	PD-5NE	120	11.0%	
Lutron	Homeworks	HRD-5NE	120	7.0%	
Leviton	Renoir II	AWSMT-EBW	120	84.0%	Flicker at high dimming level
Lutron	Grafik-Eye	GRX-3103-A-G	120	92.0%	Flicker at high dimming level
Leviton	Renoir II	AWSMT-EBW	277	84.0%	Flicker at high dimming level
Lutron	Grafik-Eye	GRX-3103-A-G	277	92.0%	Flicker at high dimming level
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	86.0%	Not Recommended
Lutron	Diva	DVCL-153PD	120	53.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	25.0%	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	4.0%	Not Recommended

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	2.0%	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	11.0%	Not Recommended
Lutron	Caseta	PD-6WCL	120	11.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	9.0%	Not Recommended
Legrand	Radiant	RHCL453PW	120	6.0%	Not Recommended
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	0.1%	
Leviton	Decora	IP710-LFZ	120	0.1%	
Control4	Adaptive	C4-TV120277	120	0.1%	
Lutron	Diva	DVSTV	120	0.1%	
Leviton	Renoir	AWSMT-7DW	120	0.1%	
Legrand	Radiant	RH4FBL3PW	120	0.1%	
Lutron	Nova T	NTSTV	277	0.1%	
Leviton	Decora	IP710-LFZ	277	0.1%	
Control4	Adaptive	C4-TV120277	277	0.1%	
Lutron	Diva	DVSTV	277	0.1%	
Leviton	Renoir	AWSMT-7DW	277	0.1%	
Legrand	Radiant	RH4FBL3PW	277	0.1%	

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