

Product Family: Impulse 820
Sku Tested: H-LED820F-930-DB
Related Model Numbers: L-LED820; J-LED820

Test Voltage: 120V
Control Type: ELV

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	37.0%	Flicker below 37%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	28.0%	Flicker below 28%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	35.0%	Flicker below 35%
Legrand	Radiant	RH703PTUW	120	42.0%	Start up flash at low dimming level; Start up flash at high dimming level
Legrand	Adorne (ELV)	ADTP703TUW4	120	5.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	6.0%	Flicker below 6%
Cooper	AL Series	AAL06	120	7.0%	Flicker below 7%
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	4.0%	
Lutron	Diva	DVELV-300P	120	2.0%	
Lutron	Maestro	MAELV-600	120	4.0%	
Lutron	Skylark	SELV-300P	120	2.0%	
Leviton	Illumatech	IPE04-1LZ	120	18.0%	
Lutron	Maestro	RRD-6NA	120	0.8%	
Leviton	SureSlide	6615-POW	120	11.0%	
Leviton	Decora	DSE06-10Z	120	0.7%	
Lutron	Caseta	PD-5NE	120	2.0%	Flicker below 2%
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Leviton	Renoir II	AWSMT-EBW	120	6.0%	Flicker below 6%
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.9%	Flicker below 0.9%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MAELV-153M-WH	120	N/A	Not Recommended
Lutron	Diva	DVCL-153PD	120	N/A	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	12.0%	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	N/A	Not Recommended
Lutron	Skylark	SCL-153P-WH	120	N/A	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	14.0%	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@waclighting.com.

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Caseta	PD-6WCL	120	N/A	Not Recommended
Legrand	Harmony	HCL453PW	120	2.0%	Not Recommended
Legrand	Radiant	RHCL453PW	120	3.0%	Not Recommended

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