

Product Family: Tesla - 3.5" High Output LED Downlights

Sku Tested: HR-3LED-T118F-W-WT

Related Model Numbers: HR-3LD-ET118; HR-3LED-T418; HR-3LED-T618; HR-3LED-T318; HR-3LED-T718; HR-3LED-T218; HR-3LED-T518; HR-3LED-T918; HR-3LED-T818; HR-3LED-H22D-A; HR-3LED-H18D1-ICA; HR-3LED-R22D; HR-3LED-H18D-A; HR-3LED-R18D-A

Test Voltage: 120-277VAC

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	5.0%	Flicker below 5%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	22.0%	Flicker below 22%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	29.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	19.0%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	18.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	15.0%	Not Recommended
Cooper	AL Series	AAL06	120	4.0%	
Control4	Adaptive	C4-APD277	277	0.6%	Start up flash at high dimming level
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	12.0%	
Lutron	Diva	DVELV-300P	120	7.0%	
Lutron	Maestro	MAELV-600	120	2.0%	Flicker below 2%
Lutron	Skylark	SELV-300P	120	8.0%	
Leviton	Illumatech	IPE04-1LZ	120	30.0%	
Lutron	Maestro	RRD-6NA	120	2.0%	Flicker below 2%
Leviton	SureSlide	6615-P0W	120	20.0%	
Leviton	Decora	DSE06-10Z	120	10.0%	Flicker below 10%
Lutron	Caseta	PD-5NE	120	13.0%	Flicker below 13%
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Leviton	Renoir II	AWSMT-EBW	120	4.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	120	3.0%	Flicker below 3%
Leviton	Renoir II	AWSMT-EBW	277	4.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	277	3.0%	Flicker below 3%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	9.0%	Not Recommended
Lutron	Diva	DVCL-153PD	120	10.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	0.9%	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	3.0%	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	2.0%	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	10.0%	Not Recommended
Lutron	Caseta	PD-6WCL	120	9.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	0.1%	Not Recommended
Legrand	Radiant	RHCL453PW	120	0.8%	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	2.0%	
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	1.0%	Flicker below 1%
Lutron	Diva	DVSTV	277	0.1%	
Leviton	Renoir	AWSMT-7DW	277	1.0%	Flicker below 1%
Legrand	Radiant	RH4FBL3PW	277	1.0%	Flicker below 1%

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Test Voltage: 120-277VAC

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	6.0%	Flicker below 6%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	22.0%	Flicker below 22%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	18.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	21.0%	Noise at 1 meter away
Legrand	Adorne (ELV)	ADTP703TUW4	120	20.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	16.0%	Not Recommended
Cooper	AL Series	AAL06	120	4.0%	Not Recommended
Control4	Adaptive	C4-APD277	277	0.6%	Start up flash at high dimming level
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	13.0%	
Lutron	Diva	DVELV-300P	120	8.0%	
Lutron	Maestro	MAELV-600	120	2.0%	
Lutron	Skylark	SELV-300P	120	8.0%	
Leviton	Illumatech	IPE04-1LZ	120	33.0%	
Lutron	Maestro	RRD-6NA	120	2.0%	
Leviton	SureSlide	6615-P0W	120	23.0%	
Leviton	Decora	DSE06-10Z	120	6.0%	
Lutron	Caseta	PD-5NE	120	10.0%	
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at all dimming levels
Leviton	Renoir II	AWSMT-EBW	120	0.6%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	
Leviton	Renoir II	AWSMT-EBW	277	0.6%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	1.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	14.0%	Not Recommended
Lutron	Diva	DVCL-153PD	120	16.0%	Not Recommended
Legrand	Adorne Paddle	ADPD453LW2	120	8.0%	Not Recommended
Lutron	Ariadni	AYCL-153PH	120	23.0%	Not Recommended

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	30.0%	Not Recommended
Lutron	Maestro	MA-600-WH	120	N/A	Not Recommended
Leviton	SureSlide	6674-POW	120	N/A	Not Recommended
Lutron	Caseta	PD-6WCL	120	34.0%	Not Recommended
Legrand	Harmony	HCL453PW	120	44.0%	Not Recommended
Legrand	Radiant	RHCL453PW	120	0.1%	Not Recommended
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	0.6%	
Leviton	Decora	IP710-LFZ	120	1.0%	Flicker below 1%
Control4	Adaptive	C4-TV120277	120	1.0%	
Lutron	Diva	DVSTV	120	0.1%	
Leviton	Renoir	AWSMT-7DW	120	1.0%	
Legrand	Radiant	RH4FBL3PW	120	0.6%	Flicker below 0.6%
Lutron	Nova T	NTSTV	277	0.6%	
Leviton	Decora	IP710-LFZ	277	1.0%	
Control4	Adaptive	C4-TV120277	277	1.0%	Flicker below 1%
Lutron	Diva	DVSTV	277	1.0%	
Leviton	Renoir	AWSMT-7DW	277	2.0%	
Legrand	Radiant	RH4FBL3PW	277	1.0%	

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