

**SORAA AR111 12V 12.5W - DIMMER / ELECTRONIC TRANSFORMER COMPATIBILITY - North America**

Dimmer (120V) →			Grafil Eye 3000 + PHPM-PA-DV-Wifi module	Diva DVELV-300P	Lutron SPSELV-600	Maestro MVELV-600	Nova T NTELV-300	Skylink SELV-300P	Leviton 6615-P 300W	MARLIN CONTROLS Shellor DIMMING CABINET P/N 6-3-08-20-3-10BT with RMS 8 Control Unit - approx. 6 Kilo-Watts Total	Lutron Radio RA2 RRD-BNA-WH 600W	Lutron CTELV-303P	Lutron FAELV-500M	
Transformer (120V) ↓														
North America														
B+L	CV90001 (CV-10/75-12)	Electronic	10%	10%	18%	16%	17%	12%	NC		14%			
B+L	CV90021 (CV-10/105-12)	Electronic	10%	11%	17%	17%	19%	12%	NC		14%			
B+L	FX95100	Electronic	10%	9%	18%	13%	15%	10%	NC		16%			
B+L	MS90119	Electronic	10%	1,2 lamps: 8% 3 lamps: N C	1,2 lamps: 17% 3 lamps: N C	14%	1,2 lamps: 15% 3 lamps: N C	10%	NC		17%			
ELG	250LT2512	Electronic	1,2 lamps: N C 3 lamps: 10%	1 lamp: N C 2,3 lamps: 10%	1 lamp: N C 2,3 lamps: 15%	1 lamp: N C 2,3 lamps: 14%	NC	1 lamp: N C 2,3 lamps: 11%	NC		13%			
Hatch	RL12-75	Electronic					9%	12%						
Hatch	RS12-150	Electronic	10%	8%	15%	15%	16%	10%	NC	NC	15%			
Hatch	RS12-60M-LED	Electronic	10%	7%	13%	12%	14%	8%	NC	10%	17%			
Hatch	VS12-105	Electronic	1 lamp: N C 2-3 lamps: 20%	1 lamp: N C 2-3 lamps: 20%	1 lamp: N C 2-3 lamps: 25%	1 lamp: N C 2-3 lamps: 22%	1 lamp: N C 2-3 lamps: 23%	1 lamp: N C 2-3 lamps: 19%	NC	NC	1,2 Lamps: N C 3 lamps 23%			
Hatch	VS12-150	Electronic	10%	9%	18%	15%	15%	10%	NC	1,2 Lamps: N C 3 Lamps: 21%				
Hatch	VS12-60	Electronic	10%	7%	14%	12%	13%	8%	NC	1 Lamp: N C 2,3 lamps: 19%	15%			
Hatch	VS12-60WD	Electronic	10%	8%	16%	14%	15%	10%	27%	1 Lamp: N C 2,3 Lamps: 19%	16%			
Hatch	VS12-75WD	Electronic	9%	8%	16%	13%	15%	9%	25%	NC	16%			
Ligtech	303 AC 120 12	Electronic	10%	10%	19%	1,3 lamps: 26% 2 lamps: N C	18%	1,3 lamps: 21% 2 lamps: N C	26%	NC				
Ligtech	LET 105	Electronic	10%	7%	12%	12%	14%	9%	NC	1 Lamp: N C 2 Lamps: 23% 3 Lamps: N C	15%			
Ligtech	LET 151 R LDC	Electronic	1,2 lamps: N C 3 lamps: 19%	NC	NC	NC	13%	7%	NC	1 Lamp: N C 2,3 Lamps: 20%	1 lamp: N C 2,3 Lamps: 21%			
Ligtech	LET 60	Electronic	10%	7%	13%	12%	13%	9%	36%	16%	16%			
Ligtech	LET 60LW	Electronic	NC	NC	NC	NC	NC	NC	NC	1 Lamp: N C 2,3 lamps: 20%				
Ligtech	LET 75	Electronic	10%	5%	11%	10%	12%	7%	NC	1,2 Lamps: 23% 3 Lamps: N C	NC			
Ligtech	9/24/2015 (*)	Electronic	9%											
LTF	TA15WA12LED	Electronic	3%		5%	6%	6%	2%				6%	6%	
LTF	TA60WA12LED	Electronic	10%	8%	13%	12%	14%	9%	NC		16%			
Magnitude	E60L12DC-KO (*)	Electronic		1 Lamp: N C 2,3 Lamps: 10%	NC	NC	1 lamp: N C 2,3 Lamps: 14%	1 Lamp: N C 2,3 Lamps: 9%						
MDL Corp	316-002	Electronic	10%	5%	12%	12%	12%	7%	NC		16%			
PONY	PET-120-12-75	Electronic	10%	7%	12%	12%	14%	8%	NC		14%			
Prescolite	JK-347A	Electronic				14%	12%	9%						
Tech Lighting	700MOSRT100ES-LED (LTF TA105WA12LED)	Electronic					15%	13%			16%			
Topstar	SL-728	Electronic	10%	8%	13%	12%	13%	9%	NC		13%			
WAC	EN1260-R(B)2 (*)	Electronic		7%		15%					20%			
WAC	EN-12100-R-AR	Electronic	7%	9%	16%	15%	16%	11%	NC		14%			
Tech Lighting	700AT152EL (LTF TA150WD12LEDRE)	Electronic (DC)					16%	14%			13%			
Tech Lighting	700AT302EL (LTF TA300WDS12LEDRE-0000)	Electronic (DC)					16%	13%			14%			
Tech Lighting	700FJARFS (LTF TA75WA12-0000)	Electronic (DC)					14%	8%			13%			

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Dimmer (120V) → Transformer (120V) ↓			Lutron VTELV-600M-B	Lutron Skylark SLV-600P	Crestron CLS-C6(M)	Crestron CLS-EXP-DIM	Crestron CLS-EXP-DIMU	Crestron CLX-1DIM4, CLX-1DIM8, CLX-2DIM8	Crestron CLX-1DELV4	Crestron DIN-1DIM4	Crestron DIN-1DIMU4	Crestron CLW-DIM5/EXP-CLW, DIM5/EXP-CLW-DIMEX, CLW-DIMCLIP-DIMEX	Crestron GLX-DIM6	Crestron GLX-2DIM8
North America														
Hatch	RL12-75	Electronic	8%	10%										
Hatch	RS12-60M-LED	Electronic			NC	NC	10%	NC	10%	NC	8%	NC	NC	NC
Ligtech	LET 75	Electronic			NC	NC	5%	NC	12%	NC	5%	NC	NC	NC
Prescolite	JK-347A	Electronic	10%											

Dimmer (277V) → Transformer (277V) ↓			Leviton Remora II-AWSMT-EA (TE)
North America			
Hatch	RS12-60M-LED-277 (*)	Electronic	8%

Notes:

Compatibility tests are conducted by Soraa (unless stated otherwise) under bench conditions as guidance for the user; results at the application site may differ due to variability in usage conditions or in dimmer or transformer components/manufacturing.

Regards compatibility tests conducted by dimmer manufacturer, please contact the manufacturer for more details and/or reports.

If the transformer's minimum wattage is not met, the lamp may only operate under nominal conditions (nominal line voltage and thermal conditions where the lamp is at full power).

The lamp load (or number of lamps) should meet minimum load requirement of respective dimmer.

If the dimmer and transformer is not listed, please consult with Soraa before making recommendations to the end customer.

Transformer/dimmer maximum load should not be exceeded. Please follow transformer/dimmer manufacturer's guidelines regarding maximum load with LED lamps. To calculate the estimated maximum number of lamps, please download our calculator from the following link:  
<https://res.cloudinary.com/soraa/raw/upload/v1452276139/content/max-lamp-load-calculator.xlsx>

(\*) One or more test results with this transformer added to the compatibility list as of Revision B

--%	Dims to < 20% (of the measured light output)
--%	Dims to 20-30% (of the measured light output)
NC	Not compatible (or dims to >30%)
Blank cell	Not tested