SORAA AR111 12V 18.5W - DIMMER/TRANSFORMER COMPATIBILITY - North America

Dimmer (120V) → Transformer (120V) ↓			0-10V	Leviton 6615-P 300W	Lutron Diva DVELV-300P	Lutron SPSELV-600	Lutron Maestro MAELV-600	Lutron Nova T NTELV-300	Lutron Skylark SELV-300P	Lutron Radio RA2 RRD-6NA-WH 600W	Lutron FAELV-500M	Lutron VTELV-600M-B	Lutron Grafik Eye #3000	Lutron Skylark SLV-600P	Lutron Diva DVLV-600P	Lutron Ceana CNLV-600P	Lutron Radio RA2 RRD-6NA-WH 600W	Lutron Radio RA2 RRD-10D-SW 800W
North America																		
Hatch	RS12-60	Electronic		NC	12%	13%	14%	13%	15%	NC	13%	30%						
Hatch	RS12-80M	Electronic		NC	7%	12%	12%	13%	14%	9%		8%						
Hatch	VS12-60	Electronic		NC	7%	NC	NC	18%	13%	NC	NC	NC						
Hatch	RS12-60M-LED (*)	Electronic				24%												
Lightech	LET 60	Electronic		NC	8%	12%	11%	13%	14%	10%	10%	8%						
Lightech	LET 75	Electronic		24%	8%	12%	12%	14%	15%	6%	12%	9%						
Lightech	LET 105	Electronic		24%	8%	12%	12%	13%	13%	7%	11%	8%						
LTF	TA60WA12LED	Electronic		NC	7%	11%	11%	13%	13%	9%	NC	8%						
Meanwell	PWM-90-12 (300Hz version)	DC	14%															
Q-TRAN	QT50SV-120/12-RC	Magnetic											15%	NC	24%	26%	6%	11%
Q-TRAN	QT20-120/12-TP-RC	Magnetic											13%	21%	21%	23%	4%	15%

Dimmer (277V) → Transformer (277V) ↓			Leviton Renoir II AWSMT-EA (TE)
North America			
Hatch	RS12-60M-LED-277	Electronic	9%

Rev C, 6/2/2017

SORAA AR111 12V 18.5W - DIMMER/TRANSFORMER COMPATIBILITY - North America

TESTED BY DIMMER MANUFACTURER Transformer ↓		Dimmer →	CRESTRON											ETC							
			CLS-C6 (any suffix) CLS-EXP-DIM	CLS-EXP-DIMU	CLX-1DIM(any suffix) CLX-2DIM(any suffix)	CLX-1DELV4	DIN-1DIM4	DIN-1DIMU4	CLW-DIMEX-(E or P) CLW-DIMSWEX-(E or P)	P-DIMEX / GLXX-2DIM8	GLX-DIM6	CLW-DELVEX-E CLW-DELVEX-P	CLX-1DIMU4 CLX-2DIMU8	(Unison DRd) D20	(Unison Legacy) D20	(Sensor 3) D20	(Unison DRd) ELV10	(Unison Legacy) ELV10	(Sensor 3) ELV10-S	(Echo) ELVD	(Echo) ERP 300W
North America																					
Hatch	RS12-60M-LED	Electronic												NC	NC	NC	PASS	PASS	PASS	PASS	PASS
Lightech	LET60	Electronic	NC	10%	NC	15%	NC	10%	NC	NC	10%	15%	12%								
Q-TRAN	Q6S-300	Magnetic												PASS	PASS	PASS					

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 C

--%	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