

## SORAA AR111 12V 18.5W - TRANSFORMER COMPATIBILITY - North America

**PASS** - The transformer supports one or more lamps up to the maximum wattage;

**NC** - SORAA does not recommend this transformer for use with its lamps;

**2 Lamp Min** - The transformer supports two or more lamps upto the maximum lamp wattage limit;

**3 Lamp Min** - The transformer supports three or more lamps upto the maximum lamp wattage limit

Mfg	Model	Wattage	Voltage	Country	Transformer Type	1 Lamp
<b>North America</b>						
Hatch	RS12-60	60	120	USA	Electronic	Pass
Hatch	RS12-60M-LED-277	60	277	USA	Electronic	Pass
Hatch	RS12-80M	80	120	USA	Electronic	Pass
Hatch	VS12-60	60	120	USA	Electronic	Pass
Hatch	RS12-60M-LED (*)	60	120	USA	Electronic	Pass
Lightech	LET-60, LET 60 BF	60	120	USA	Electronic	Pass
Lightech	LET-75	75	120	USA	Electronic	Pass
Lightech	LET-105	105	120	USA	Electronic	Pass
LTF	TA60WA12LED	60	120	USA	Electronic	Pass
Meanwell	PWM-90-12 (300Hz version)	90	100-305	World	DC	Pass
Q-TRAN	QT50SV-120/12-RC	50	120	USA	Magnetic	Pass
Q-TRAN	QT20-120/12-TP-RC	20	120	USA	Magnetic	Pass

**Notes:**

Compatibility tests are conducted by Soraa only as guidance for the user

All tests are conducted under bench conditions; results may differ from test results depending on conditions at the application site

Results may vary due to variability in component choices and manufacturing processes by the transformer manufacturer

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).

If the fixture/transformer is not listed as tested, please consult with Soraa first before making any recommendations to end customer.

Above table is for applications where no dimmer is used. If a dimmer is used, the user should consult the Dimmer/Transformer table, or contact Soraa if their desired combination is not listed.

Transformer maximum load should not be exceeded. Please follow transformer 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>

(\*) This transformer added to the compatibility list as of Revision C

	Pass
NC	Not compatible
Blank cell	Not tested