SORAA AR111 12V 12.5W - 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;

Brand	Model	Wattage	Voltage (Vac)	Class / Frequency	Country	Transformer Type	1 Lamp	2 Lamps	3 Lamps
North America									
B+L	CV90001 (CV-10/75-12)	10-75	120	1	USA	Electronic	Pass	Pass	Pass
B+L	CV90010	10-105	120	1	USA	Electronic	Pass	Pass	Pass
B+L	CV90012	10-150	120	1	USA	Electronic	Pass	Pass	Pass
B+L	CV90021	10-200	120	1	USA	Electronic	Pass	Pass	Pass
B+L	CV90112	75	277	1	USA	Electronic	Pass		
B+L	FX95100	0-75	120	1	USA	Electronic	Pass	Pass	Pass
B+L	LS94117	75	120	1	USA	Electronic	NC	NC	NC
B+L	MS90117	35-75	120	1	USA	Electronic	NC	NC	NC
B+L	MS90119	35-75	120	1	USA	Electronic	Pass	Pass	Pass
BK Lighting	TRSS150-277	150	277		USA	Electronic	NC	NC	NC
BK Lighting	TRSS75-277	75	277		USA	Electronic	NC	NC	NC
ELG	250LT2512	75	120		USA	Electronic	NC	NC	Pass
Hatch	RL12-60A	60	120		USA	Electronic	Pass	Pass	Pass
Hatch	RS12-60M-LED-277 (*)	60	277		USA	Electronic	Pass		
Hatch	RL12-75	75	120	1	USA	Electronic	Pass	Pass	Pass
Hatch	RL12-75A	75	120		USA	Electronic	Pass	Pass	Pass
Hatch	RS12-150	150	120	1	USA	Electronic	NC	NC	NC
Hatch	RS12-300	60	120	1	USA	Electronic	NC	NC	NC
Hatch	RS12-60 (any suffix)	60	120	2	USA	Electronic	Pass	Pass	Pass
Hatch	RS12-75BF-LED	75	120		USA	Electronic	Pass	Pass	Pass
Hatch	RS12-80 (any suffix)	80	120	1	USA	Electronic	NC	NC	NC
Hatch	VS12-150	150	120	1	USA	Electronic	Pass	Pass	Pass
Hatch	VS12-105WD	105	120	1	USA	Electronic	NC	Pass	Pass
Hatch	VS12-60WD	60	120	2	USA	Electronic	Pass	Pass	Pass
Hatch	VS12-75WD	75	120	1	USA	Electronic	Pass	Pass	Pass
K-Light	KL-789		120	1	USA	Electronic	Pass	Pass	Pass
Lightech	LET 75 277 R	75	277		USA	Electronic	Pass (Date code 1526 and after)	Pass (Date code 1526 and after)	Pass (Date code 1526 and after)
Lightech	LET-60, LET 60 BF	60	120	2	USA	Electronic	Pass	Pass	Pass
Lightech	LET-105W	105	120	1	USA	Electronic	Pass	Pass	Pass
Lightech	LET-151	150	120	1	USA	Electronic	NC	NC	NC
Lightech	LET-303-12	300	120	1	USA	Electronic	Pass	NC	NC
Lightech	LET-60-LW	60	120	2	USA	Electronic	NC	NC	NC
Lightech	LET-75	75	120	1	USA	Electronic	Pass	Pass	Pass
LTF	TA15WA12LED	15	120		USA	Electronic	Pass		
LTF	TA60WA12LED	60	120		USA	Electronic	Pass	Pass	Pass
Meanwell	PWM-90-12	90	100-305		World	Electronic	Pass	Pass	Pass
MDL Corp	316-0002	150	120		USA	Electronic	NC	Pass	Pass
Philips	ET-RZ17LED	17	120		USA	Electronic	Pass		
PONY	PET-120-12-75	75	120		USA	Electronic	Pass	Pass	Pass
PowerSelect Inc	PS20B75A	75	120		USA	Electronic	NC	NC	NC
PowerSelect Inc	PS20B75S	75	120		USA	Electronic	NC	NC	NC
Prescolite	JK-347A	75	120		USA	Electronic	Pass	Pass	Pass
RSA	RT60A	60	120	2	USA	Electronic	Pass	Pass	Pass

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Brand	Model	Wattage	Voltage (Vac)	Class / Frequency	Country	Transformer Type	1 Lamp	2 Lamps	3 Lamps
North America									
Tech Lighting	700FJ4RFS (LTF TA75WA12-0000)	75	120		USA	Electronic	Pass	Pass	Pass
Tech Lighting	700MOPRT301ES-LED	300	120		USA	Electronic	NC	NC	NC
Tech Lighting	700MOSRT100ES-LED (LTF TA105WA12LED)	105	120		USA	Electronic	Pass	Pass	Pass
TOPSTAR	SL-728	150	120		USA	Electronic	Pass	Pass	Pass
WAC	EN1260-R(B)2	60	120		USA	Electronic	Pass	Pass	Pass
WAC	EN-12100-R-AR	100	120		USA	Electronic	Pass	Pass	Pass
Tech Lighting	700AT152EL (LTF TA150WD12LEDRE)	150	120		USA	Electronic (DC)	Pass	Pass	Pass
Tech Lighting	700AT302EL (LTF TA300WDS12LEDRE-0000)	300	120		USA	Electronic (DC)	Pass	Pass	Pass
Basler Electric	MI-5481E	50	120		USA	Magnetic	Pass	Pass	Pass
Cooper	TF-149911	50	120		USA	Magnetic	Pass	Pass	Pass
Cooper	TF149911-TP120XFMR	50	120		USA	Magnetic	Pass	Pass	Pass
Cooper	TFA4120	50	120		USA	Magnetic	Pass	Pass	Pass
Hammond Manufacturing	166Q12	75	120		USA	Magnetic	Pass	Pass	Pass
Hatch	RL12-50(E, EN, ENT)	50	120		USA	Magnetic	Pass	Pass	Pass
Hatch	RL12-75(E, EN, ENT)	75	120		USA	Magnetic	Pass	Pass	Pass
Iris	TFA-212	75	120		USA	Magnetic	Pass	Pass	Pass
Iris	TFA-311T	50	120		USA	Magnetic	Pass	Pass	Pass
Iris	TFA-3TR	50	120		USA	Magnetic	Pass	Pass	Pass
Iris	TFA-400	75	120		USA	Magnetic	Pass	Pass	Pass
Iris	TFA-51T	75	120		USA	Magnetic	Pass	Pass	Pass
Juno	310-1333	300	120		USA	Magnetic	Pass	Pass	Pass
MDL Corp	315-0071A – IRIS RPN3MR Fixture dimmerl Tap	50	120		USA	Magnetic	Pass	Pass	Pass
MDL Corp	315-0071A – IRIS RPN3MR Fixture Normal Tap	50	120		USA	Magnetic	Pass	Pass	Pass
MDL Corp	315-0126 – 12.3V	50	120		USA	Magnetic	Pass	Pass	Pass
LINEA	701970	300	120		USA	Magnetic	Pass	Pass	Pass
Orientronic	DLR1250BN	50	120		USA	Magnetic	Pass	Pass	Pass
Philips	Removed from Fixture	50	120		USA	Magnetic	Pass	Pass	Pass
Q-TRAN	Q6S-DC-120-12 (Rectified)	60	120		USA	Magnetic	Pass	Pass	Pass
Q-TRAN	QT20-120/12-TP-RC	20	120		USA	Magnetic	Pass		
Q-TRAN	QT50-75CK-PT-277-RC	75	277		USA	Magnetic	Pass	Pass	Pass
Q-TRAN	QT-50-75CK-PT-RC	50-75	120		USA	Magnetic	Pass	Pass	Pass
Q-TRAN	QT50SV-120/12-RC	50	120		USA	Magnetic	Pass	Pass	Pass
Q-TRAN	QTM60-DC+CAP (Rectifier + Filtered)	60	120		USA	Magnetic	Pass	Pass	Pass
TechnoMagnet	ODC75S12	75	120		USA	Magnetic	Pass	Pass	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 recommnedations 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 B

	Pass
NC	Not compatible
Blank cell	Not tested