

SORAA AR111 12V 6W - TRANSFORMER COMPATIBILITY - International

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

Brand	Model	Wattage	Voltage (Vac)	Class / Frequency	Country	Transformer Type	Use Condition for 1 Lamp	
							Free Air or Open Fixture	Enclosed Fixture
International								
ABB Speedy	ETR 105 230/12KF	105	230	50	Germany	Electronic	NC	NC
AcTec	Ultra 70	70	220	50	HK/China	Electronic	Pass	Pass
ATCO	Speedy TED 105	105	230	50	Nordic	Electronic	Pass	NC
BLV	45600101	60	190-245V DC	50	Germany	Electronic	Pass	Pass
BLV	45600201	105	230	50	Germany	Electronic	Pass	Pass
Lightech	LET75	75	240	50	Italy/Spain	Electronic	Pass	NC
MODE	MOE-050-D-240	50	230	50	UK	Electronic	Pass	Pass
MODE	ET-105-C	20-105	230	50	UK	Electronic	NC	NC
NOBILE	EN-60D	60	230/240	50/60	Germany	Electronic	NC	NC
Noratel	LF84A-22012-GS	84	220/240	50/60	Nordic	Electronic	Pass	Pass
OSRAM	ET A-60	60	220	50	HK/China	Electronic	NC	NC
OSRAM	ET-LED 30	30	220	50	HK/China	Electronic	Pass	Pass

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OSRAM	ET-P 60/220-240	60	220/240	50/60	HK/China	Electronic	NC	NC
OSRAM	Hti Dali 105	105	230	50	EU	Electronic	NC	NC
OSRAM	HTM 70	70	230/240	50	EU	Electronic	Pass	Pass
OSRAM	HTM105	105	230/240	50/60	EU,ME	Electronic	Pass	NC
Quanzhou Smarts Electronics and Technology	DALI SMT-012-030VM	30	100-265	50/60	World	Electronic	Pass	Pass
PHILIPS	CERTALINE 105	105	230	50	Italy/Spain	Electronic	NC	NC
PHILIPS	ET-E 10 LED	10	230	50	UK/HK/China	Electronic	Pass	NC
Philips	ET E-60	60	220	50	HK/China	Electronic	NC	NC
PHILIPS	PRIMALINE 70	35-70	220/240	50/60	EU,CN	Electronic		
PHILIPS	PRIMALINE 105	35-105	230	50/60	EU,CN	Electronic	NC	NC
Relco	ICE 60 PPS TH	60	230	50	Italy/Spain	Electronic	NC	NC

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International								
Relco	ICE 105 PPS TH	105	230	50	Italy/Spain	Electronic	NC	NC
SELF	SLT60-12VL-1 (SLT60-12VL-E)	60	230	50	Italy/Spain	Electronic	Pass	Pass
TCI	MW 70 LED	70	230	50	Italy/Spain	Electronic	Pass	Pass
TCI	Round 50 (Ref 119649)	50	230	50	EU	Electronic	NC	NC
Tridonic	TE-0050 C101	50	230	50	France	Electronic	Pass	NC
Tridonic	TE-0070 C101	70	230	50	France	Electronic	Pass	NC
Tridonic	TE-0105 One4All SC 1-5VA	105	230	50	Italy/Spain	Electronic	NC	NC
Truelux (ELR)	DA12V PWM	15	230	50	ME	Electronic	Pass	Pass
Varilight (Kopp)	YT50	0-50	230V	50	Germany	Electronic	Pass	Pass
Varilight	YT50LZ	50	230V	50	UK	Electronic	Pass	Pass
ABB STOTZ	SI-TR200	200	230/240	50/60	EU	Magnetic	Pass	Pass
Houben	SICHERHEITSFAFO EKT V1 200	200	230/240	50/60	EU	Magnetic	Pass	Pass

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International								
Vossloh Schwabe	Discline EST 70	70	230	50	Nordic/HK/China	Electronic	Pass	NC
Vossloh Schwabe	STR 50/12.342	50	230	50	EU	Magnetic	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 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>

	Pass
NC	Not compatible
Blank cell	Not tested