

SORAA AR111 12V 18.5W - TRANSFORMER COMPATIBILITY - Europe

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	Class / Frequency	Country	Transformer Type	1 Lamp
Europe							
ABB	ETR-DALI 105 230-12KF	105	230	50	EU	Electronic	NC
ABB	Speedy 105	105W	230	50	EU	Electronic	Pass
AcTEC	Micro60	20-60W	220-240V	50/60	EU	Electronic	NC
Architectural Lighting	AG0927		230	50	EU	Electronic	Pass
BERKER	TRONIC TRAF0	20-105W	230/240	50/60	EU	Electronic	Pass
BLV	45600101	0-60	230V	50	EU	Electronic	Pass
BLV	45600201	0-105W	230	50	EU	Electronic	Pass
EldoLED	LINEARdrive 100	100	120-250	50/60	EU	Electronic	Pass
ELR	DA12VPWM AR111	36	230	50	EU	Electronic	NC
Eutrac	99.778.1U	20-50W	220-240V	50/60	EU	Electronic	Pass
EVN	Pd.2150		230	50	EU	Electronic	Pass
Fullham	Pony PET		230	50	EU	Electronic	Pass
GIRA	TRONIC TRAF0	20-150W	230/240	50/60	EU	Electronic	Pass
Gitronica	GET 60 FI VOX	20-60W	230/240	50/60	EU	Electronic	Pass
Govena	TE40W-DIMM-LED-IP64	40	230	50	EU	Electronic	Pass
Hytronik	HE4030-A		230	50	EU	Electronic	Pass
IBL	4670	0-70	230	50	EU	Electronic	Pass
iGuzzini	1.193.908.00	100	230	50	EU	Electronic	Pass
iGuzzini	Le Perroquet 100W B0077.01 P16772/00	100	230	50	EU	Electronic	NC
JCC	JC4013	105W	230	50	EU	Electronic	Pass
Kanlux	Treto LED 30W	30	170~230	50/60	EU	Electronic	Pass
LCI	ET 3-60C	10-60	230	50	EU	Electronic	NC
Lightech	LET75/240	20-75	240	50/60	EU/Asia	Electronic	Pass
Lightech	LET105/240	35-105	240	50/60	EU/Asia	Electronic	Pass
LTF	TU75WA		230	50	EU	Electronic	Pass
Meanwell	PWM-90-12	90	100-305	50/60	World	Electronic	Pass
Meanwell	PWM-120-12	120	100-305	50/60	World	Electronic	Pass
Mode Lighting	MOE-050-D-240	50	230	50	EU	Electronic	Pass
Mode Lighting	MOE-075-C-240	75	240	50/60	EU	Electronic	NC
Mode Lighting	MOE-105-D-240	105	230	50	EU	Electronic	Pass
Nobile	EN-60D		230	50	EU	Electronic	Pass
NOBILE	EN-150	150W	220/240	50/60	EU	Electronic	Pass

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OSRAM	ET-Parrot 70	70	220-240	50	EU	Electronic	Pass
OSRAM	Halotronic HTB 105/230-240	35-105W	230-240	105	EU	Electronic	Pass
OSRAM	HTI DALI 105 DIM	35-105	230-240	50	EU	Electronic	1,4 lamps: NC 2,3 lamps: Pass
OSRAM	HTI DALIC 105/230...240DIM (Not a DALI dimmable transformer)	105	230	50/60	EU	Electronic	Pass
OSRAM	HTM 70	70	230/240	50	EU	Electronic	Pass
OSRAM	HTM 105	105W	230/240	50/60	EU,CN	Electronic	Pass
OSRAM	HTM 150	150W	230/240	50/60	EU	Electronic	Pass
OSRAM	HTN 75 230/240 I	20-75	230/240	50/60	EU Australia	Electronic	Pass
PHILIPS	CERTALINE 60W	60	230	50	EU	Electronic	Pass
PHILIPS	PRIMALINE 105	35-105W	230	50/60	EU,CN	Electronic	Pass
PHILIPS	PRIMALINE 70	35-70W	220/240	50/60	EU,CN	Electronic	Pass
Quanzhou Smarts Electronic & Technology Co	SMT-012-030VM	30W	100-265V	50/60	EU,CN	Electronic	Pass
Servodan	74-212	10-105W	230	50	EU	Electronic	Pass
TCI	MW70LED	70	230	50	EU	Electronic	Pass
TCI	WU 105	105	230/240	50	EU	Electronic	Pass
Transtec	HP-300	300	230	50/60	EU	Magetic	Pass
Tridonic	TE-0105 one4all sc	20-105W	230-240	50/60	EU, APAC	Electronic	NC
Tridonic	TE-0105 U 1-10V sc	20-105W	230-240	50/60	EU, APAC	Electronic	NC
Tridonic	TE-NE 1105	105	230-240	50/60	EU	Electronic	Pass
Truelux	AN12VPWM	0-20W	100-277V	50/60	EU	Electronic	Pass
Truelux	DA12VPWM	0-20W	100-277V	50/60	EU	Electronic	Pass
Varilight	YT50	0-50	230V	50	EU	Electronic	Pass
Varilight	YT50LZ	0-50	230	50	EU	Electronic	Pass
Vossloh Schwabe	60.8159 (with built in potentiometer)		230	50	EU	Electronic	Pass
Vossloh Schwabe	EST105	105	230	50	EU	Electronic	Pass
Vossloh Schwabe	Liteline EST70/12.380	20-70W	230	50	EU	Electronic	Pass
Voltmaster	VMD30012EU	35~300	230	50	EU	Magetic	NC
V-TAC	VT-22045 (SKU 3090)	45	90-264Vac	50/60	EU	Electronic	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