

SORAA AR111 12V 18.5W - DIMMER/TRANSFORMER COMPATIBILITY LIST - Asia

Transformer	Dimmer -->		DALI	0-10V	Philips Dymalite DDMC802GL+DQLED401	Philips Dymalite DDMC802GL+DGTM402	EVO-DDM-305-TE	iLight SCT/SCI 0405S	Helvar Digidim 452 (TE)	Helvar Digidim 452 (LE)	Helvar 454 (TE)	Helvar 454 (LE)	Lutron OSGRK-3PCE (LE)	Lutron Energi Savr Node QS OSNE-4A-D (TE)	Lutron Energi Savr Node QS OSNE-4A-D (LE)	Lutron Gratik Eye OSGR-6PCE + NGRX-ELV-CE	Lutron LP-RPM-4A-230 (Trailing Edge)	Lutron LP-RPM-4A-230 (Leading Edge)	DIGINET DGLCDM400 (adaptive - TE)	JUNG 243EX (TE)	Panasonic WEG 57813 (LE)
Asia																					
AcTec	Ultra 70	Electronic															19%	NC			
ATCO	SPEEDY TED105	Electronic			28%	NC	24%	NC	NC					7%		3%	4%				
EUCHIPS	EUP75T-1H12V-0 (*)	Electronic												2%							
EZ Lighting	SI-2501SL	Electronic			17%	NC							NC	NC	NC						
GATA	T50/209.23 (*)	Magnetic													NC						
Hytronik	HE4030-A	Electronic		2%																	
(Korean)	HIJ2051	Electronic			10%	NC			19%		20%		NC	NC	NC						
Meanwell	PWM-90-12	Electronic		14%																	
Osram	ET-LED 30	Electronic			NC	NC			NC		NC		NC	NC	NC					NC	
Osram	ET Parrot 105 (*)	Electronic			NC	NC	NC		NC					NC		NC	NC				
Osram	ET-RedBack	Electronic			15%	NC			16%		19%		NC	NC	NC				NC		
Osram	ET-A 60	Electronic			18%	23%	NC	7%	17%					7%		5%	20%				
Osram	ET-P 60	Electronic			14%	28%	NC	NC	NC					17%		11%	NC				
Osram	HTM 105	Electronic			14%	24%	NC	17%	NC					28%		6%	NC				
Osram	HTM 70	Electronic			15%	27%	NC	NC	12%					14%		22%	23%				
Philips	ET-S 60	Electronic			13%	NC			18%		1 Lamp: 26% 2 Lamps: 18%		NC	NC	NC						NC
Philips	Primaline 105	Electronic			16%	25%	0%	11%	9%					15%		7%	7%				
Philips	Primaline 70	Electronic			20%	NC	NC	NC	8%					25%		NC	27%				
Quanzhou Smarts Electronic & Technology Co	SMT-012-030VM	Electronic	0%																		
Racer	RCT 50	Magnetic								22%			NC		NC						NC
Vossloh Schwabe	EST105	Electronic			NC	29%	NC	NC	7%					21%		8%	6%				

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.AS

--%	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
	Not valid combination