

SORAA AR111 12V 18.5W - DIMMER/TRANSFORMER COMPATIBILITY - Europe

Transformer	Controller, potentiometer, PWM Dimmer -->		DALI controller	0-10V	Potentiometer	DALNET D1C1248-1CV-110	DALNET D1E1248-1CV-DALI	Lumatone DALISWITCH PWM 10A 86459572	Lumatone DALI PWM 16A 89453829
Europe									
12V DC Power Supply	12V DC					4%	0%	1%	1%
ABB	ETR-DALI 105 230-12KF	Electronic	NC						
eldoLED	LINEARdrive 100	Electronic	NC	NC	NC				
Hytronik	HE4030-A	Electronic		2%					
LCI	DC DIM 1-10V 35W Code 1750129 (*)			4%					
Meanwell	PWM-90-12 (300Hz version) (*)	Electronic		14%					
Mode	MOE-105-D-240	Electronic			NC				
OSRAM	Halotronic HTI DALI 105 230-240	Electronic	1,4 lamps: NC 2,3 lamps: 18%						
Quanzhou Smarts Electronic & Technology	SMT-012-030VM	Electronic	0%						
Truelux	AN12VPWM	Electronic		4%					
Vossloh Schwabe	60.8159 (with potentiometer)	Electronic			27%				

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.EU

--%	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