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

Phase dimmable transformers ↓	Phase Dimmers →		Philips Dynalite DDMC802G4-DGLED401	Philips Dynalite DDMC802G1-DGLM402	Philips Dynalite DDMC802G1-DGTM402	EVO-DDM-305-TE	i-Light SCT/SG 0405S	Hager EV102/EV100 (adaptive - TE)	Helvar Digidim 452	Helvar Digidim 454 (Trailing Edge Only)	Helvar 458/DIM8 Triac mode Dim table 5 (SSL)	Lutron Energi Savr Node QS Q3ME-4A-D (TE mode)	Lutron Energi Savr Node QS Q3NE-4A-D (LE mode)	Lutron Grafik Eye QS QSGR-6PCE + NGRX-ELVI-CE	Lurton LP-RPM-4A (TE)	Lutron Grafik Eye QS Q3GRK-3PCE	Lutron Rania	Rako RDT500	Lunatone DALI PD Art Nr 8645863 9-300 25W	Lunatone DALI PD Art Nr 8645863 9-300 300W	Mode Lighting Mirage MP-10-01 / Tiger / Evolution WITH LEADING EDGE CARD	Mode Lighting Mirage MP-10-01 / Tiger / Evolution WITH TRAILING EDGE CARD	Feller 40300.RC	Feller 40420.RC	Varilight JQP401W	Hamilton 7WC1x100LEDWH	GIRA 0307 00	Elitako EUD61NPN-230V	Merten (MEG5136-0000) 5BD315RC	Merten (MEG5133-0000) 5BD600RL	Berker 2867 10	Jung 225 T DE	Elko 315GLE	Elko 400GLE/I	Schneider Exact 5BD315RC	Tridonic DALI PDC 1-300 onefall Art nr 28000441	Zano ZGRID:LED	Maintronic DAD1200 DALI (adaptive - LE) with DALI
Europe																																							
ABB	Speedy 105	Electronic	NC		NC	NC	NC		NC	NC		NC		6%	NC																								
Berker	Tronic Trafo	Electronic	14%		29%	0%	12%		13%	2%		NC		4%	8%																								
BLV	45600101 (*)	Electronic	16%	18%	26%	2%	12%		NC	6%		NC	13%	6%	7%	NC		NC	15%	15%	18%		8%	13%	7%	7%	16%	6%	7%	7%	15%	17%	8%	12%	12%	NC	14%		
BLV	45600201	Electronic	13%		NC			NC	NC	NC		NC																											
Eaglerise	EET105LT (*)	Electronic	NC									NC																											
Gira	Tronic Trafo	Electronic	11%		25%	9%	22%		NC	8%		NC		6%	8%																								
Govena	TE40W-DIMM-LED-IP64	Electronic	17%		46%				8%	12%		NC																											
Govena	YT60 (*)	Electronic	16%	18%	26%	2%	12%		NC	6%		NC	13%	6%	7%	NC		NC	15%	15%	18%		8%	13%	7%	7%	16%	6%	7%	7%	15%	17%	8%	12%	12%	NC	14%		
Hatch	RS12-60-230M-LED (*)	Electronic								19%		NC																											
iGuzzini	1.193.908.00	Electronic	0%	46%					18%	20%		NC				NC																							
Mode Lighting	ET-040-PL-230-RD (Puma LED) (*)	Electronic								19%											NC	0%																	
Nobile	EN-150	Electronic	19%		NC	0%	12%		NC	9%		NC		10%	10%																								
OSRAM	ET-PARROT 70	Electronic	14%		NC	9%	22%		NC	5%		31%		5%	10%																								
OSRAM	HTM 70	Electronic	15%		27%	4%	NC		12%	27%		NC		7%	NC																								
OSRAM	HTM 105	Electronic	14%		24%	10%	NC		NC	7%		28%		5%	NC																								
OSRAM	HTM 150	Electronic	NC		NC	9%	NC		NC	NC		NC		3%	NC																								
OSRAM	HTN 75 230/240 I	Electronic	12%	NC					9%	16%		NC																											
Philips	Certaline 60	Electronic	16%		30%	10%	15%		4%	6%		24%		8%	11%																								
Philips	Primaline 105	Electronic	16%		NC	0%	12%		9%	NC		NC		6%	7%																								
Philips	Primaline 70	Electronic	19%		NC	0%	29%		8%	4%		NC		5%	NC																								
TCI	MW 70 LED	Electronic							11%	2Lamps (2transf): 23%		NC					NC	NC								NC					NC							
Transtec	HP-300	Magnetic																			16%																		24%
VARILIGHT	YT50LZ (*)	Electronic	8%	26%						20%	9%	3%	20%					14%			8%		6%	7%	8%	6%	16%	9%	6%	30%	15%	17%	7%	10%	4%			

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

Transformer	Controller, potentiometer, PWM Dimmer -->		DALI controller	0-10V	Potentiometer	DALCNET DLC1248-1CV-110	DALCNET DLB1248-1CV-DALI	Lunatone DALISWITCH PWM 10A 86459572	Lunatone 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	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 B.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