

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

Transformer	Dimmer -->		Philips Dynalite DDMC802G+DGLD401	Philips Dynalite DDMC802G+DGLM402	Philips Dynalite DDMC802G+DGTM402	EVO-DDM-305-TE	Light SCT/SCI 0405S	Hevar Digidim 452	Hevar Digidim 454 (Trailing Edge Only)	Hevar 458/DIM8 Triac mode Dim table 5 (SL)	Lutron Graphic Eye OSNE-4A-D (TE mode)	Lutron Graphic Eye OSNE-4A-D (LE mode)	Lutron Graphic Eye OSER-8PCE + NGRX-ELV-CE	Lutron CEP-111A-240FT-LCP-CGP1319	Lutron OSERK-3PCE	Lutron Rama	Rako RDT500	MODE MP-10-01	Feller 40300.RC	Feller 40420.RC	Varilight QP403W	Hamilton 7W/CLX100LEDWH	GIRA 0307 00	Etako EUGE:INPN-230V	Merten (MEGS136-0000) SBD315RC	Merten (MEGS133-0000) SBD600RL	Berker 2867 10	Jung 225 T DE	Eko 315GLE	Eko 400GLE/1	Schneider Exact SBD315RC	Zano ZGRID:LED	Maintenance DAD200 DALI (adaptive - LE) with DALI				
Europe																																					
ABB	Speedy 105	Electronic	NC		NC	NC	59%	NC	NC		NC		6%	NC																							
Berker	Tronic Trafo	Electronic	14%		29%	0%	12%	13%	2%		47%		4%	8%																							
BLV	45600101	Electronic	16%	18%	26%	2%	12%	7% down, 60% up	6%		40%	13%	6%	7%	35%	47%	18%	8%	13%	7%	7%	16%	6%	7%	7%	15%	17%	8%	12%	12%	14%						
BLV	45600201	Electronic	13%		NC			40%	34%		NC																										
Gira	Tronic Trafo	Electronic	11%		25%	9%	22%	6% down, 60% up	8%		45%		6%	8%																							
Govena (DC)	TE40W-DIMM-LED-IP64	Electronic	17%		46%			8%	12%		40%																										
iGuzzini	1.193.908.00	Electronic	0%	46%				18%	20%		41%			NC																							
Nobile	EN-150	Electronic	19%		37%	0%	12%	8% down, 44% up	9%		33%		10%	10%																							
OSRAM	ET-PARROT 70	Electronic	14%		NC	9%	22%	NC	5%		31%		5%	10%																							
OSRAM	HTM 70	Electronic	15%		27%	4%	77%	12%	27%		51%		7%	46%																							
OSRAM	HTM 105	Electronic	14%		24%	10%	86%	32%	7%		28%		5%	67%																							
OSRAM	HTM 150	Electronic	NC		42%	9%	67%	NC	NC		47%		3%	56%																							
OSRAM	HTN 75 230/240 I	Electronic	12%	49%				9%	16%		48%																										
Philips	Certaline 60	Electronic	16%		30%	10%	15%	4%	6%		24%		8%	11%																							
Philips	Primaline 105	Electronic	16%		36%	0%	12%	9%	NC		52%		6%	7%																							
Philips	Primaline 70	Electronic	19%		40%	0%	29%	8%	4%		74%		5%	56%																							
TCI	MW 70 LED	Electronic						11%	2 Lamps (2 transf): 23%		2 Lamps (2 transf): 61%					NC	2 Lamps (2 transf): 49%					46%															
Transtec	HP-300	Magnetic															16%																			24%	
VARILIGHT	YT50LZ	Electronic	8%	26%						9%	3%	20%					14%	8%	6%	7%	8%	6%	16%	9%	6%	30%	15%	17%	7%	10%	4%						

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Transformer	Controller, potentiometer, PWM Dimmer -->		DALI controller	0-10V	Potentiometer	DALCNET DIC1248-1CV-110	DALCNET DIB1248-1CV-DALI	Lunatone DAUSWITCH PWM.10A.86459572	Lunatone DALI PWM 16A.89463829
Europe									
12V DC Power Supply	12V DC					4%	0%	1%	1%
ABB	ETR-DALI 105 230-12KF	Electronic	NC						
aldLED	LINEARdrive 100	Electronic	1%	1%	1%				
Hytronik	HE4030-A	Electronic		2%					
Meanwell	PWM-90-12	Electronic		14%					
Mode	MOE-105-D-240	Electronic			41%				
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	AN12PWM	Electronic		4%					
Vossloh Schwabe	60.8159 (with potentiometer)	Electronic			27%				

Notes:

Compatibility tests are conducted by Soraa 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.

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>

	Dims to < 20%
NC	Not compatible
	Not tested
	Not valid combination