

SORAA AR111 12V 12.5W - DIMMER/TRANSFORMER COMPATIBILITY LIST - Europe

Transformer	Dimmer ->		Dynalite DDVC802GI+DGLDM401 (TE-LED)	Dynalite DDVC802GL+DGTMA02 (TE)	EVO-DDM-305-TE	Heilar Digidim 452 (DALI) (TE)	Heilar Digidim 454 (TE)	ilight SCT 04055	Lutron Energi Savr Node OS (HomeWORKS) OSNE-4A-D (TE)	Lutron Energi Savr Node OS (HomeWORKS) OSNE-4A-D (LE)	Lutron Grafik Eye OSGR-6PCE + INGRX-ELV-CE (TE)	Lutron LP-RPM-4A-230 (TE)	Lutron Grafik Eye OSGRK-3PCE (LE)	Maintronic DAD1200DALI (adaplive - LE) with DALI	Mode Lighting Mirage MP-10-01 / Tiger / Evolution WITH LEADING EDGE CARD	Mode Lighting Mirage MP-10-01 / Tiger / Evolution WITH TRAILING EDGE CARD
Europe																
ABB	Speedy 105ETR	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Aurora	AU-RD60E	Electronic	1 lamp: N C 2 lamps: 16%	NC					1 lamp: N C 2 lamps: 18%	1 lamp: N C 2 lamps: 23%			NC			
Berker	Tronic Trafo 150W	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
BLV	45600101	Electronic	19%	22%	14%	16%	15%	24%	NC		12%	12%	NC			
BLV	45600201	Electronic	11%	23%		16%	17%	31%	26%		14%	1 lamp: N C 2 and more: 11%				
Eaglerise	EET105LT (*)	Electronic	1 lamp 20% 2 lamps NC						NC							
GE	ET10	Electronic	22%	NC					NC	NC			NC			
Gira	Tronic Trafo	Electronic	13%	NC	10%	4%	2%	8%	2%		5%	7%				
Gitronica	GET 60 FI V1U	Electronic	30%						25%	NC			NC			
Govena	YT50	Electronic	22%	NC	17%	18%	15%	24%	29%		NC	10%			NC	
IBL	4670.00	Electronic	15%													
ItaLED	Avanti Uno	Electronic	9%	NC					NC							
(Korean)	HU2501	Electronic	1 lamp: 29% 2,3 lamps: 20% 4 lamps: 69%	NC		NC	NC		NC	NC			NC			
Lightech	LET 75	Electronic	1 lamp: N C 2 and more: 11%	25%		1 lamp: N C 2 and more: 16%	1 lamp: N C 2 and more: 18%	23%	29%		13%	12%				
Mode Lighting	ET-040-PL-230-RD (Puma LED)	Electronic													NC	7%
Mode Lighting	MOE-050-D-240	Electronic	1,2 lamps: 14% 3 lamps and up: N C	1,2 lamps: 25% 3 lamps and up: N C		1,2 lamps: 17% 3 and more: N C	1,2 lamps: 21% 3 and more: N C	1,2 lamps: 26% 3 and more: N C	1,2 lamps: 28% 3 lamps and up: N C		1,2 lamps: 13% 3 and more: N C	1,2 lamps: 13% 3 lamps and more: N C				
Nobile	Konverter EN-150	Electronic	26%	54%	22%	5%	4%	5%	8%		5%	14%				
Noratel	LF84A-22012-GS	Electronic	NC	NC		1,2 lamp: N C 3 lamps and up: 18%	NC	NC	NC		15%	NC				
Omnitronix	OMN60LT	Electronic	16%	35%					13%							
Osram	ET-A 60	Electronic	12%	21%		NC	NC	NC	27%		NC	NC				
Osram	ET-P 60	Electronic	NC	28%		NC	NC	NC	NC		NC	NC				
Osram	ET-PARROT 70	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Osram	HTM 70	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Osram	HTM 105	Electronic	14%	30%	10%	3%	2%	4%	2%		9%	6%				
Osram	HTM 150	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Philips	Certaline 60W	Electronic	20%	NC	17%	2%	4%	3%	5%		14%	10%				
Philips	Primaline 105	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Philips	Primaline 70	Electronic	NC	NC	NC	NC	NC	NC	NC		NC	NC				
Racer	RCT 50	Magnetic				NC	NC			NC			NC			
SELF	SLT60-12VL-1	Electronic	NC	NC		NC	NC	NC	NC		NC	NC				

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TCI	MW70 LED	Electronic	1 lamp: 23% 2 and more: 11%	27%		19%	17%	NC	27%		17%	16%				
TCI	Round 50	Electronic	14%	20%		1 lamp: N C 2 lamps and up: 15%	18%	NC	28%		12%	10%				
Transtec	HP-300	Magnetic												20%		
Tridonic	TE-0070 C101	Electronic	10%	22%		1 lamp: N C 2 lamps and up: 13%	17%	1 lamp: N C 2 lamps and up: 29%	26%		10%	1 lamp: N C 2 lamps and up: 21%				
Tridonic	TE Viper 22176072	Electronic	NC	50%					NC							
Tridonic	TE-0050 C101	Electronic	7%	18%		1 lamp: N C 2 lamps and up: 10%	17%	NC	NC		10%	NC				
Truelux	PH12VLN	Electronic	22%	NC	17%	18%	15%	24%	29%		NC	10%			NC	
Variilight	YT50	Electronic	22%	NC	17%	18%	15%	24%	29%		NC	10%			NC	
Variilight	YT50LZ	Electronic	19%	22%		16%	17%	24%	26%	NC	13%	11%				

Transformer	Dimmer ->		Dimming Loop Potentiometer	DALI Controller	0-10V	DLC1248-10V DALI	FIBARO RGBW	LLL-CU-DA (DALI)	Lunatone DALI PWM 15W 89453829
Europe									
DC	12V	Electronic/DC				2%	1%	5%	1%
Hytronix	HE403-A	Electronic/DC		2%					
Ligtech	LET 75W 12V Dimming Loop	Electronic	NC						
Meanwell	PWM-90-12	Electronic/DC			16%				
Quanzhou Smarts Electronics and Technology	DALI SMT-012-030VM	Electronic/DC		2%					
Truelux	DA12VPWM	Electronic/DC		7%					

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