

**SORAA AR111 12V 6W - DIMMER/TRANSFORMER COMPATIBILITY - International**

Transformer	Dimmer -->		iLight SCT 0405S	Helvar Digidim 452 (DALI)	Helvar Digidim 454 (DALI)	Lutron Graphic Eye QSNE-4A-D (TE)	Lutron Graphic Eye QSGR-6PCE + NGRX-ELVI-CE	Lutron CCP-111A-240FT-LCP-CGP1319	Dynalite DDMC802GL+DGLDM401 (TE-LED)	Dynalite DDMC802GL+DGTM402 (TE)	DALI Controller
<b>International</b>											
<b>Actec</b>	Ultra 70	Electronic	44%	29%	36%	58%	18%	15%	34%	79%	
<b>Acto</b>	SPEEDY TED105	Electronic	NC	NC	1,2 lamp: NC 3 lamps: 24%	65%	NC	NC	1 lamp: NC 2,3 lamps: 19%	1 lamp: NC 2,3 lamps: 40%	
<b>BLV</b>	45600101	Electronic	NC	15%	13%	36%	13%	14%	27%	84%	
<b>BLV</b>	45600201	Electronic	35%	23%	16%	63%	15%	13%	31%	52%	
<b>Govena</b>	TEG YT50	Electronic	32%	15%	17%	43%	17%	12%	79%	93%	
<b>Lightech</b>	LET 75	Electronic	35%	1 lamp: NC 2,3 lamps: 19%	1 lamp: NC 2,3 lamps: 16%	59%	15%	14%	28%	48%	
<b>Mode</b>	MOE-050-D-240	Electronic	1,2 lamps: 37% 3 lamps: NC	1,2 lamps: 19% 3 lamps: NC	1,2 lamps: 15% 3 lamps: NC	1,2 Lamps: 42% 3 lamps: NC	1,2 Lamps: 17% 3 lamps: NC	1,2 lamps: 14% 3 lamps: NC	1,2 Lamps: 28% 3 lamps: NC	NC	
<b>Noratel</b>	LF84A-22012-GS	Electronic	NC	NC	NC	40%	16%	1,2 lamps: NC 3 lamp: 16%	NC	NC	
<b>Osram</b>	HTM 70	Electronic	NC	1 lamp: NC 2,3 lamps: 23%	1 lamp: NC 2,3 lamps: 30%	49%	1 lamp: NC 2,3 lamps: 13%	1 lamp: NC 2,3 lamps: 12%	32%	1 lamp: NC 2,3 lamps: 46%	
<b>Osram</b>	HTM 105	Electronic	NC	NC	1 lamp: NC 2,3 lamps: 31%	1 lamp: NC 2,3 lamps: 50%	1 lamp: NC 2,3 lamps: 11%	1 lamp: NC 2,3 lamps: 19%	1 lamp: NC 2,3 lamps: 19%	1 lamp: NC 2,3 lamps: 42%	

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<b>Osram</b>	ET-LED-30	Electronic	NC	NC	1 lamp: NC 2,3 lamps: 43%	NC	NC	NC	24%	49%	
<b>Philips</b>	ET-E 10 LED	Electronic	NC	1 lamp: 29% 2,3 lamps: NC	1 lamp: NC 2,3 lamps: 33%	51%	1 lamp: NC 2,3 Lamps: 14%	1 lamp: NC 2,3 lamps: 19%	29%	1,2 Lamps: 43% 3 lamps: NC	
<b>Philips</b>	Primaline 70	Electronic		9%	23%	12%					
<b>SELF</b>	SLT60-12VL	Electronic	NC	NC	NC	NC	NC	NC	NC	NC	
<b>TCI</b>	MW70 LED	Electronic	NC	1 lamp: 24% 2,3 lamps: 19%	17%	1 lamp: NC 2,3 Lamps: 59%	18%	16%	31%	51%	
<b>Tridonic</b>	TE-0050 C101	Electronic	31%	1 lamp: NC 2,3 lamps: 16%	26%	31%	1 lamp: NC 2,3 lamps: 11%	1 lamp: NC 2,3 lamps: 12%	1 lamp: NC 2,3 lamps: 21%	1 lamp: NC 2,3 lamps: 43%	
<b>Tridonic</b>	TE-0070 C101	Electronic	1 lamp: NC 2,3 lamps: 28%	18%	1 lamp: NC 2,3 lamps: 25%	47%	11%	10%	23%	43%	
<b>Truelux</b>	DA12VPWM	Electronic/DC									3%
<b>Varilight</b>	YT50L	Electronic		7%	28%	15%			25%		
<b>Varilight</b>	YT50LZ	Electronic	38%	19%	20%	46%	13%	12%	28%	48%	
<b>Vossloh Schwabe</b>	EST70/12.380	Electronic	NC	26%	36%	NC	16%	22%	31%	56%	

Notes:

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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