

SORAA AR111 12V 12.5W - DIMMER / MAGNETIC TRANSFORMER COMPATIBILITY - North America

Dimmer (120V) → Transformer (120V) ↓			Lutron Grafik Eye #8000	Lutron Skylark SLV-600P	Lutron Diva DVLV-600P	Lutron Ceana CNLV-600P	Lutron NTLV-600	MARLIN CONTROLS Stellar DIMMING CABINET P/N 6-3-08-20-3 103T with RMS 8 Control Unit - approx. 6 Kilo-Watts Total	Lutron RadioRA2 RRD-GCL (LE)	Lutron Radio RAZ RRD-6NA-WH 600W	Lutron Radio RAZ RRD-10D-SW 800W	Lutron Maestro MACL-153M (*)	Lutron OSGBL-4P + Custom PHPM (forced leading edge) @277Vac (*)
North America													
Basler Electric	MI-5481E	Magnetic	10%	NC	NC	NC		9%					
Cooper	T50W120VSL (*)	Magnetic			NC					13%		16%	
Cooper	TF-149911	Magnetic	11%	NC	NC	NC		7%					
Cooper	TF 149911-TP120	Magnetic	10%	NC	NC	NC		9%					
Cooper	TFA4120	Magnetic			28%					19%		NC	
Hammond Manufacturing	166Q12	Magnetic	13%	NC	NC	NC		10%					
Hatch	LT12-75-JUL-1 (*)	Magnetic			1-3 lamps: 23% 4 lamps: 20%		20%		18%	13%			
Iris	TFA212	Magnetic					19%			24%			
Iris	TFA311T	Magnetic					19%			15%			
Juno	310-1333	Magnetic	13%	NC	NC	NC		10%					
Linea	701970	Magnetic	13%	NC	NC	NC		9%					
MDL Corp	315-0071A – IRIS RPN3MR Fixture dimmer/ Tap	Magnetic		28%	NC								
MDL Corp	315-0071A – IRIS RPN3MR Fixture Normal Tap	Magnetic		27%	NC					9%	10%		
MDL Corp	315-0126 – 12.3V	Magnetic		26%	NC					9%	8%		
Orientronic	DLR1250BN	Magnetic	13%	27%	27%	27%		8%					28%
Q-Tran	Q65-DC-120-12 (Rectified)	Magnetic	13%	21%	21%	21%		10%					
Q-TRAN	QT10-120/12-TP-RC	Magnetic	9%	24%	24%	24%		8%					
Q-TRAN	QT20-120/12-TP-RC	Magnetic	9%	28%	28%	28%		9%					30%
Q-Tran	QT50-75CK-PT-277-RC	Magnetic											27%
Q-TRAN	QT-50-75CK-PT-RC Date 11/11	Magnetic	10%	23%	23%	23%		1 Lamp: N C 2,3 Lamps: 20%					
Q-TRAN	QT505V-120/12-RC	Magnetic	13%	30%	30%	30%							
Q-Tran	QTM60-DC+CAP (Rectified + Filtered)	Magnetic	10%	NC	NC	NC		1 Lamp: 10% 2,3 Lamps: N C					

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Dimmer (120V) → Transformer (120V) ↓			Creston CLS-C6(Any Suffix)	Creston CLS-EXP-DIM	Creston CLS-EXP-DIMU	Creston CLX-1DIM8, CLX-1DIM8, CLX-2DIM2, CLX-2DIM8	Creston CLS-1DELV4	Creston DIN-1DIM4	Creston DIN1DIMU4	Creston CLW-DIM(Any suffix), P-DIMEX	Creston GLX-DIM6	Creston GLX-2DIM8	Creston CLW-DELVE(Any suffix)	Forbes & Lomax FLRL603P
North America														
Hatch	LS12-50EN (*)	Magnetic												NC
Q-TRAN	QT505V-120/12-RC (*)	Magnetic												NC
TechnoMagnet	ODC75S12	Magnetic	12%	10%	NC	14%	NC	8%	NC	8%	8%	8%	NC	

TESTED BY DIMMER/TRANSFORMER MANUFACTURER		Dimmer →	ETC		
Transformer ↓			(Unison Dfnd) D20	(Unison Legacy) D20	(Sensor 3) D20
North America					
Q-TRAN	Q6S-300	Magnetic	TESTED	TESTED	TESTED

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

--%	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