

SORAA MR16 12V 7.5 & 9W - MLV DIMMER/TRANSFORMER COMPATIBILITY - North America

NC - SORAA does not recommend this transformer for use with its lamps;

120V PHASE-DIMMABLE MLV TRANSFORMERS WITH FORWARD PHASE DIMMERS - TABLE FOR 7.5W & 9W LAMPS

Transformer (120V)	Transformer Model	Transformer Type	Voltage	Number of lamps per transformer	Dimmer -->	Lutron Skylark SLV-600P	Lutron Diva DVLV-600P	Lutron Radio RA2 RRD-6NA	Marlin Controls Stellar	Lutron RPM-4U-120	Lutron Grafik Eye QS QSGRU-3P	Lutron Caseta PD-10NXD-XX	Lutron Nova-T NTLV-600	Lutron Caseta PD-5NE-XX
Q-Tran	QTMS-300MV	Magnetic	120V	1 - 10 (7.5W)							8%			
Q-Tran	QT50SV-120/12-RC	Magnetic	120V	1 - 4 (7.5W)							8%			
Q-Tran	QSET-300-120/12	Magnetic	120V	1 - 20 (7.5W)						8%				
RL (USAI)	T100 (*)	Magnetic	120V	1		22%	25%	6%	6%	5%	5%	8%	7%	6%
RL (USAI)	T75S-120V (*)	Magnetic	120V	1		16%	23%	6%	6%	4%	5%	8%	7%	6%
Toroid Tech (USAI)	TC0075-0035 (E2-034) (*)	Magnetic	120V	1		16%	24%	6%	6%	5%	5%	8%	7%	6%

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120V PHASE-DIMMABLE MLV TRANSFORMERS WITH FORWARD PHASE DIMMERS - TABLE FOR 9W LAMPS ONLY (7.5W UNDER TEST)

Transformer	Model	Transformer Type	Voltage	Number of lamps per transformer	Dimmer -->	Lutron Skylark SLV-600P	Lutron Diva DVLV-600P	Lutron Radio RA2 RRD-6NA	Marlin Controls Stellar	Lutron Grafik Eye QS
Cooper	T50W120VSL	Magnetic	120V	1		NC	25%	6%	1%	5%
Cooper	TF-149911	Magnetic	120V	1		22%	24%	5%	4%	4%
Cooper	TF 149911-TP120	Magnetic	120V	1		14%	23%	6%	4%	4%
Cooper	TFA4120	Magnetic	120V	1		21%	24%	5%	4%	4%
Hatch	LS1275EN/12V	Magnetic	120V	1		21%	22%	5%	5%	4%
Juno	310-1333	Magnetic	120V	1		21%	26%	6%	1%	5%
Q-TRAN	QT10-120/12-TP-RC	Magnetic	120V	1		21%	15%	4%	4%	4%
Q-TRAN	QT20-120/12-TP-RC	Magnetic	120V	1		21%	24%	4%	4%	4%
Q-TRAN	QT50SV-120/12-RC	Magnetic	120V	1		22%	25%	5%	1%	5%

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Notes:

Compatibility tests are conducted by Soraa (unless stated otherwise) under bench conditions as guidance for the user.

Regards compatibility tests conducted by dimmer / transformer manufacturer, please contact Soraa or the manufacturer for more details and/or reports.

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).

Transformer maximum load listed in the transformer compatibility table should not be exceeded.

If the dimmer and/or transformer is not listed, please consult with Soraa before making recommendations to the end customer.

(*) One or more test results with this transformer added to the compatibility list as of Revision C

--%	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