

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

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

277V NON PHASE-DIMMABLE TRANSFORMERS WITH DIFFERENT CONTROLS						
Transformer manufacturer	Transformer Model	Transformer Type	Number of Lamps per transformer	Controllers, Potentiometers, PWM dimmers -->	Potentiometer	0-10V
NA						
Fulham	T1M1UNV012V-20L (120V & 277V)	Electronic/DC	1		0%	0%
Meanwell	PWM-90-12 (300Hz version) (120V & 277V)	Electronic/DC	1		0%	0%
Meanwell	PWM-120-12 (300Hz version) (120V & 277V)	Electronic/DC	1		0%	0%

277V PHASE-DIMMABLE TRANSFORMERS WITH PHASE DIMMERS							
Transformer manufacturer	Transformer Model	Transformer Type	Number of Lamps per transformer	Dimmer →	Leviton Renoir II AWSMT-EA (TE)	Lutron Grafik Eye OS + PHPM-PA-DV-WH	Lutron NTLV-600-277 (LE)
B+L	GX95301	Electronic	1		6%		
Hatch	RS12-60M-LED-277 (*)	Electronic	1		6%	5%	
Lightech	LET75 277 R	Electronic	1		NC		
LTF	TE15WA12LED-0000	Electronic	1		13%		
Orientronic	DLR1250BN	Magnetic	1				28%
Q-Tran	QT20-277/12-TP-RC	Magnetic	1				20%
Q-Tran	QT50-75CK-PT-277-RC	Magnetic	1				23%
RL (USAI)	T75S-277 (*)	Magnetic	1				24%
Toroid Tech (USAI)	TC0100-0087 (E2-049) (*)	Magnetic	1				25%

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 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