

TLM-R16B Low Voltage LED Spot Module

Transformer and Dimmer Compatibility List



Compatible 110-120VAC **Electronic**
Transformer/Dimmer Combinations

					In combination with dimmer :				Lutron Diva DELV-300P/303P				Lutron Maestro MAELV - 600				Lutron Skylark SELV 300PH			
Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer				# of TLM-R16B per transformer				# of TLM-R16B per transformer				# of TLM-R16B per transformer			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
B+L	CV90001 (CV-10/75-12)	120VAC, 50-60Hz	75	12	>5%	>5%	>5%	>5%	OK	OK	OK	OK	>5%	>5%	>5%	>5%	>5%	>5%	>5%	>5%
	CV90038	120VAC, 50-60Hz	75	24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fulham	Pony PET-120-12-75	120VAC, 50-60Hz	75	12	>5%	>5%	>5%	>5%	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Hatch	RS12-60M (LED)	120VAC, 50-60Hz	60	12	>5%	>5%	>50%	>50%	OK	OK	>5%	>5%	>5%	>5%	>5%	>50%	>50%	>50%	>50%	>50%
	RS12-60M	120VAC, 50-60Hz	60	12	>33%	OK	OK	OK	OK	OK	OK	OK	>5%	OK	OK	OK	>5%	OK	OK	OK
	RS12-80M	120VAC, 50-60Hz	80	12	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	RS12-80BFS	120VAC, 50-60Hz	80	12	OK	OK	OK	OK	<max	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	RS12-60	120VAC, 50-60Hz	80	12	>min	>min	>5%	>5%	>5%	>5%	>5%	>5%	>min	>min	>min	>5%	>min	>min	>min	>5%
Lightech	LET-60	120VAC, 60Hz	60	12	OK	OK	OK	OK	OK	OK	OK	OK	>50%	OK	OK	OK	>50%	OK	OK	OK
	LET-75	120VAC, 60Hz	75	12	X	OK	OK	OK	>min	OK	OK	OK	>50%	OK	OK	OK	>30%	>30%	OK	OK
	LET-75-24-R	120VAC, 60Hz	75	24	X	X	>15%	OK	X	X	OK	OK	>30%	>30%	OK	OK	>30%	>30%	OK	OK
MDL	316-0047	120VAC, 60Hz	75	12	>10%	>10%	OK	OK	X	X	X	X	X	X	X	X	>min	OK	OK	OK
T-Opto	TTX-60-12-500	120VAC, 60Hz	60	12	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

					In combination with dimmer :				Lutron Nova NELV 450				Leviton Decora 6615P			
Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer				# of TLM-R16B per transformer				# of TLM-R16B per transformer			
					1	2	3	4	1	2	3	4	1	2	3	4
B+L	CV90001 (CV-10/75-12)	120VAC, 50-60Hz	75	12	OK	OK	OK	OK	>5%	>5%	>5%	>5%	>5%	>5%	>5%	>5%
	CV90038	120VAC, 50-60Hz	75	24	X	X	X	X	X	X	X	X	X	X	X	X
Fulham	Pony PET-120-12-75	120VAC, 50-60Hz	75	12	OK	OK	OK	OK	<max	OK	OK	OK	<max	OK	OK	OK
Hatch	RS12-60M (LED)	120VAC, 50-60Hz	60	12	OK	OK	X	X	X	X	X	X	X	X	X	X
	RS12-60M	120VAC, 50-60Hz	60	12	X	OK	OK	OK	X	X	OK	OK	X	X	OK	OK
	RS12-80M	120VAC, 50-60Hz	80	12	X	OK	OK	OK	X	X	OK	OK	X	X	OK	OK
	RS12-80BFS	120VAC, 50-60Hz	80	12	OK	OK	OK	>33%	OK	OK	OK	OK	OK	OK	OK	OK
	RS12-60	120VAC, 50-60Hz	80	12	OK	OK	OK	OK	<max	OK	OK	OK	<max	OK	OK	OK
Lightech	LET-60	120VAC, 60Hz	60	12	X	OK	OK	OK	<max	OK	OK	OK	<max	OK	OK	OK
	LET-75	120VAC, 60Hz	75	12	X	OK	OK	OK	<max	<max	OK	OK	<max	OK	OK	OK
	LET-75-24-R	120VAC, 60Hz	75	24	>25%	>25%	OK	OK	X	X	>30%	OK	>30%	>30%	OK	OK
MDL	316-0047	120VAC, 60Hz	75	12	X	OK	OK	OK	>10%	>10%	OK	OK	>10%	>10%	OK	OK
T-Opto	TTX-60-12-500	120VAC, 60Hz	60	12	OK	OK	OK	OK	X	X	X	X	X	X	X	X

- OK Complete compatibility, no side effects
- >xx% No flicker above xx% dimming
- X Not compatible combination
- N/A Exceeds transformer recommended power

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Transformer and Dimmer Compatibility List



Non-Dimmed 110-120VAC *Electronic* Transformer Compatibility

Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer			
					1	2	3	4
B+L	CV90001 (CV-10/75-12)	120VAC, 50-60Hz	75	12	OK	OK	OK	OK
	CV90038	120VAC, 50-60Hz	75	24	X	X	X	X
Fulham	Pony PET-120-12-75	120VAC, 50-60Hz	75	12	OK	OK	OK	OK
Hatch	RS12-60M (LED)	120VAC, 50-60Hz	60	12	X	X	X	X
	RS12-60M	120VAC, 50-60Hz	60	12	OK	OK	OK	OK
	RS12-80M	120VAC, 50-60Hz	80	12	OK	OK	OK	OK
	RS12-80BFS	120VAC, 50-60Hz	80	12	X	X	X	X
	RS12-60	120VAC, 50-60Hz	80	12	OK	OK	OK	OK
Ligtech	LET-60	120VAC, 60Hz	60	12	OK	OK	OK	OK
	LET-75	120VAC, 60Hz	75	12	OK	OK	OK	OK
	LET-75-24-R	120VAC, 60Hz	75	24	X	X	X	X
MDL	316-0047	120VAC, 60Hz	75	12	X	OK	OK	OK
T-Opto	TTX-60-12-500	120VAC, 60Hz	60	12	OK	OK	OK	OK

TLM-R16B Low Voltage LED Spot Module

Transformer and Dimmer Compatibility List



Compatible 110-120VAC **Magnetic**
Transformer/Dimmer Combinations

				In combination with dimmer :	Lutron Diva DVLV-600P				Lutron Ariadni AYLV-600P				Leviton VPM06 TL			
Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer				# of TLM-R16B per transformer				# of TLM-R16B per transformer			
					1	2	3	4	1	2	3	4	1	2	3	4
Acme (*)	T1-79203-SR	120VAC, 60Hz	300	12	OK	OK	OK	OK	OK	OK	OK	OK	>min	>min	>min	>min
Cast	CJ75SSMTTC	120VAC, 60Hz	75	12	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	CJ150SSMT	120VAC, 60Hz	150	12	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
Magnitude	M60L12 (**)	120VAC, 60Hz	60	12	>min	>min	>min	>min	>min	>min	>min	>min	X	X	X	X
Sebco	1022-12	120VAC, 60Hz	100	12	<max	<max	<max	OK	OK	OK	OK	OK	X	X	X	X
	1025-12	120VAC, 60Hz	500	12	OK	OK	<max	<max	OK	OK	OK	OK	X	X	X	X

Non-Dimmed 110-120VAC **Magnetic** Transformer Compatibility

Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer			
					1	2	3	4
Acme	T1-79203-SR	120VAC, 60Hz	300	12	OK	OK	OK	OK
Cast	CJ75SSMTTC	120VAC, 60Hz	75	12	OK	OK	OK	OK
	CJ150SSMT	120VAC, 60Hz	150	12	OK	OK	OK	OK
Ensign	L012-1-712	120VAC, 60Hz	12	12	OK	N/A	N/A	N/A
	L020-1-712	120VAC, 60Hz	20	12	OK	OK	N/A	N/A
Magnitude	M60L12	120VAC, 60Hz	60	12	OK	OK	OK	OK
Quality	486-0440582T	120VAC, 60Hz	50	12	OK	OK	OK	OK
Sebco	1022-12	120VAC, 60Hz	100	12	OK	OK	OK	OK
	1025-12	120VAC, 60Hz	500	12	OK	OK	OK	OK

OK Complete compatibility, no side effects
 >xx% No flicker above xx% dimming
 X Not compatible combination
 N/A Exceeds transformer recommended power

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Transformer and Dimmer Compatibility List



Compatible **277VAC Electronic**
Transformer/Dimmer Combinations

					In combination with dimmer :				
					Hunt PLV-527 (277V)				
Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer				
					1	2	3	4	5
Hatch	RS12-80-277M	277VAC, 50-60Hz	80	12	X	OK*	OK*	OK	OK
	VJ12-75	277VAC, 50-60Hz	75	12	OK*	OK*	OK*	OK*	OK
Lightech	LET-75-277R	277VAC, 50-60Hz	60	12	X	X	OK*	OK*	OK

(*) Additional 35W load to be used

Non-Dimmed **277VAC Electronic** Transformer Compatibility

Brand	Model	Input Voltage (V / Hz)	Power Rating (W)	Output Voltage (V)	# of TLM-R16B per transformer				
					1	2	3	4	5
Hatch	RS12-80-277M	277VAC, 50-60Hz	80	12	OK*	OK	OK	OK	OK
	VJ12-75	277VAC, 50-60Hz	75	12	OK*	OK	OK	OK	OK
Lightech	LET-75-277R	277VAC, 50-60Hz	60	12	OK*	OK	OK	OK	OK

(*) HIGH mode only