



LUTRON® Product Report Card

ID 1140

Manufacturer: Sylvania
Model Number Tested: LED7MR16/DIM/830/NFL25
Other Model Numbers: LED7MR16/DIM/827/NFL25, LED7MR16/DIM/827/FL36, LED7MR16/DIM/830/FL36

Manufacturer's Description

Type of device:	<u>ELV w/ LED MR16 GU5.3</u>	Control Type:	<u>Reverse Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>7.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.67 A</u>	Lumen Output:	<u>525</u>
Input Frequency:	<u>60Hz</u>		

Lutron Test Results

Date Tested: 29-Oct-13
 Test Voltage: 120 V
 Test Notes: Performance valid only with Lightech LET60LW ELV transformer and 1 lamp per transformer.

Lutron Recommended Compatible Products

Lutron products not in this list can be considered to be not recommended, based on our testing.

Product	Model Number	Fixtures per Dimmer		Measured Dimming Range ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
Wallbox Dimmers							
Vierti	VTELV-600M	1	48	19%	98%	44%	Low end trim required. Some shimmer at low end.
Nova T*	NTELV-600	1	48	15%	98%	39%	
Nova	NELV-450	1	36	15%	98%	39%	
Skylark Contour/ Lyneo LX	CTELV-303P LXELV-603PL	1	24	7%	95%	27%	Some shimmer at low end.
Diva/ Skylark	DVELV-300P SELV-300P	1	24	6%	95%	25%	Some shimmer at low end.
Maestro	MAELV-600	1	48	10%	97%	32%	Some shimmer at low end.
Maestro Wireless	MRF2-6ELV	1	27	20%	95%	45%	Low end trim required. Some shimmer at low end. Load type not selectable. Evaluated in RP.
Commercial Systems							
Panel Module	HW/LP-RPM-4A-120	1	96	19%	97%	43%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 153.
Residential Systems							
RadioRA 2	RRD-6NA	1	27	20%	95%	45%	Low end trim required. Some shimmer at low end. Load type not selectable. Evaluated in RP.
Homeworks QS	HQRD-6NA	1	27	20%	95%	45%	Low end trim required. Some shimmer at low end. Load type not selectable. Evaluated in RP.
Panel Module	HW/LP-RPM-4A-120	1	96	19%	97%	43%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 153.
Interfaces⁽³⁾							
	PHPM-PA with Grafik Eye QS Main Unit	1	153	11%	100%	33%	High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	153	11%	100%	33%	High end and low end trim required.

Notes:	* Identical model numbers with different compatibility codes may have different performance; () means there is no compatibility code assigned; contact technical support for additional information (1) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability (2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook (3) Interfaces have been tested with the listed control; any compatible dimmer may be used instead, but high end/low end light levels may vary slightly
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Test Comments: Performance verified with up to 5 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control.

*For any questions on this report, please contact the Lutron LED Center of Excellence at 877-DIM-LED8 or leds@lutron.com.
This information was posted with the consent and cooperation of the device manufacturer. Latest test results can always be found at www.lutron.com/LEDtool.*