



# LUTRON® Product Report Card

ID 1049

**Manufacturer:** Soraa  
**Model Number Tested:** MR16-AB1-A1-830-12T-24-S1  
**Other Model Numbers:** MR16-65-B01-12-xxx-xx, MR16-75-B01-12-xxx-xx

**Manufacturer's Description**

Type of device:	<u>ELV w/ LED 12VAC MR16 11.5W</u>	Control Type:	<u>Reverse Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>11.5 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>1.00 A</u>	Lumen Output:	<u>Not Specified</u>
Input Frequency:	<u>60Hz</u>		

**Lutron Test Results**

Date Tested: 1-Aug-13  
 Test Voltage: 120 V  
 Test Notes: Test results valid only with Hatch RS12-60M-LED 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 <sup>(1)</sup>		Perceived Low End <sup>(2)</sup>	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Vierti	VTELV-600M	1	41	20%	93%	45%	Low end trim required. May experience shimmer at low end.
Nova T*	NTELV-600	1	41	10%	91%	32%	May experience shimmer at low end.
Nova	NELV-450	1	31	10%	91%	32%	May experience shimmer at low end.
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	83	17%	93%	41%	Low end trim required. Set load type to RP. Rating is per channel; total per module is 132.
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	83	17%	93%	41%	Low end trim required. Set load type to RP. Rating is per channel; total per module is 132.
<i>Interfaces<sup>(3)</sup></i>							
	PHPM-PA with Grafik Eye QS Main Unit	1	133	19%	97%	44%	Low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	133	19%	97%	44%	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						

Test Comments: Performance verified with up to 5 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Results valid only for HATCH RS12-60M-LED transformer and 1 lamp per transformer.

*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.*