



# LUTRON® Product Report Card

ID 1278

**Manufacturer:** Soraa  
**Model Number Tested:** MR16-65-B03-230-830-10/S3

Other Model Numbers: MR16-50-B03-230-927-36/S3; MR16-50-B03-230-XXX-XX/S3; MR16-65-B03-230-XXX-XX/S3

**Manufacturer's Description**

Type of device:	<u>LED 9.8 W MR16</u>	Control Type:	<u>Forward and Reverse Phase Control</u>
Operating voltage:	<u>240V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>9.8 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.06 A</u>	Lumen Output:	<u>445 lm</u>
Input Frequency:	<u>50Hz/60Hz</u>	Type/Shape:	<u>MR16</u>
		Base Type:	<u>GU10</u>

**Lutron Test Results**

Date Tested: 10-Feb-14  
 Test Voltage: 240 V  
 Test Notes: Test results valid only at 240V 50Hz.

**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 <sup>(3)</sup>
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
<i>No applicable results</i>							
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-230	1	77	12%	94%	35%	Set load type to RP. Rating is per channel; total per module is 77.
ESN Phase Adaptive	LQSE-4A-D ( )*/ QSNE-4A-D ( )*	1	34	12%	98%	35%	Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 34.
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-230	1	77	12%	94%	35%	Set load type to RP. Rating is per channel; total per module is 77.
ESN Phase Adaptive	LQSE-4A-D ( )*/ QSNE-4A-D ( )*	1	34	12%	98%	35%	Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 34.
<i>Interfaces<sup>(4)</sup></i>							
	NGRX-ELVI-CE	1	48	15%	91%	39%	
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) Load types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details. (4) 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						

Performance verified with up to 15 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Engineering samples. No definite performance recommendation can be made without confirmation that this test report represents regular shipping product.

Test Comments:

*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.*