



# LUTRON® Product Report Card

ID 1141

**Manufacturer:** Sylvania (Osram)  
**Model Number Tested:** LED8R20DIMHO827  
**Other Model Numbers:** 78017

**Manufacturer's Description**

Type of device:	<u>LED 8W R20</u>	Control Type:	<u>Forward Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>8.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.07 A</u>	Lumen Output:	<u>520</u>
Input Frequency:	<u>60Hz</u>		

**Lutron Test Results**

Date Tested: 1-Oct-13  
 Test Voltage: 120 V  
 Test Notes: None

**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>							
Maestro Wireless	MRF2-6ND	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end of the dim range.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	19	12%	88%	35%	Low end trim required.
Panel Module	GP (Harrier) Card	1	60	7%	100%	26%	High end and low end trim required. Rating is per output.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end of the dim range.
HomeWorks QS	HQRD-6ND	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end of the dim range.
HomeWorks QS	HQRD-10ND	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end of the dim range.
RadioRA 2	RRD-6NA	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end on the dim range. Load type not selectable. Evaluated in FP.
Homeworks QS	HQRD-6NA	1	18	20%	92%	45%	Low end trim required. May experience shimmer near low end on the dim range. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	19	12%	88%	35%	Low end trim required.
Panel Module	GP (Harrier) Card	1	60	7%	100%	26%	High end and low end trim required. Rating is per output.
<i>Interfaces<sup>(3)</sup></i>							
<i>No applicable results</i>							
Notes:	<p>* Identical model numbers with different compatibility codes may have different performance; (L) means there is no compatibility code assigned; contact technical support for additional information</p> <p>(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</p> <p>(2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook</p> <p>(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</p>						

Test Comments: Performance verified with up to 18 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](mailto: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](http://www.lutron.com/LEDtool).*