



LUTRON® Product Report Card

ID 745

Manufacturer: Osram Sylvania
Model Number Tested: LED6R20/DIM/827
Other Model Numbers: 78489

Manufacturer's Description

Type of device: LED Par 20 6W
 Operating voltage: 120V
 Input Power: 6.0 W
 Input Current: 0.07 A
 Input Frequency: 60Hz

Control Type: Forward Phase (including MLV)
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 350

Lutron Test Results

Date Tested: 27-Jul-12
 Test Voltage: 120 V
 Test Notes: None

Lutron Recommended Compatible Products

Lutron products not in this list can be considered to be not compatible, 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		
<i>Wallbox Dimmers</i>							
Diva/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers	1	25	19%	100%	43%	
Maestro RF	MRF2-6ND	1	13	10%	100%	32%	High end trim required.
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	26	10%	100%	32%	High end trim required. Set load type to FP. Rating is per channel; total per module is 41.
Panel Module	HW/LP-RPM-4U-120	1	42	8%	100%	29%	High end trim required. Rating is per channel; total per module is 42.
Grafik QS	Grafik Eye QS Main Unit Family	1	17	6%	100%	25%	High end trim required. Rating is per output; total per Main Unit is 42
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	22	10%	100%	32%	High end trim required.
HomeWorks QS	HQRD-6ND	1	13	10%	100%	32%	High end trim required.
HomeWorks QS	HQRD-10ND	1	22	10%	100%	32%	High end trim required.
RadioRA 2	RRD-6NA	1	13	7%	100%	27%	High end trim required. Set load type to FP.
Homeworks QS	HQRD-6NA	1	13	7%	100%	27%	High end trim required. Set load type to FP.
Panel Module	HW/LP-RPM-4A-120	1	26	10%	100%	32%	High end trim required. Set load type to FP. Rating is per channel; total per module is 41.
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<i>Interfaces ⁽³⁾</i>							
<i>No applicable results</i>							
Notes:	⁽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 25 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Low end trim required for all controls.

*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.*