



# LUTRON® Product Report Card

ID 953

**Manufacturer:** Sylvania  
**Model Number Tested:** LED18PAR38/DIM/827/NFL25  
**Other Model Numbers:** None

**Manufacturer's Description**

Type of device: LED Par38 Flood = Ultra LED Par38  
 Operating voltage: 120V  
 Input Power: 18.0 W  
 Input Current: 0.20 A  
 Input Frequency: 60Hz

Control Type: Forward and Reverse Phase Control  
 Dimming Range: Not Specified  
 Output Power: 75.0 W  
 Lumen Output: Not Specified

**Lutron Test Results**

Date Tested: 25-Mar-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	MACL-153M	1	8	10%	100%	31%	High end and low end trim required.
Maestro RF	MRF2-6ND	1	7	17%	100%	41%	High end and low end trim required.
Maestro RF	MRF2-6ELV	1	8	10%	100%	31%	High end and low end trim required. Load type not selectable. Evaluated in RP.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	7	12%	100%	34%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	14	14%	100%	38%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 22.
Panel Module	HW/LP-RPM-4U-120	1	22	9%	100%	31%	High end and low end trim required. Rating is per channel; total per module is 22.
Grafik QS	Grafik Eye QS Main Unit Family	1	9	12%	100%	34%	High end and low end trim required. Rating is per output; total per Main Unit is 22.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	8	17%	100%	41%	High end and low end trim required.
HomeWorks QS	HQRD-6ND	1	7	17%	100%	41%	High end and low end trim required.
HomeWorks QS	HQRD-10ND	1	8	17%	100%	41%	High end and low end trim required.
RadioRA 2	RRD-6NA	1	8	10%	100%	31%	High end and low end trim required. Load type not selectable. Evaluated in RP.
Homeworks QS	HQRD-6NA	1	8	10%	100%	31%	High end and low end trim required. Load type not selectable. Evaluated in RP.
HomeWorks	HxD-6ND	1	7	12%	100%	34%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	14	14%	100%	38%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 22.

Panel Module	HW/LP-RPM-4U-120	1	22	9%	100%	31%	High end and low end trim required. Rating is per channel; total per module is 22.
Grafik QS	Grafik Eye QS Main Unit Family	1	9	12%	100%	34%	High end and low end trim required. Rating is per output; total per Main Unit is 22.
<i>Interfaces</i> <sup>(3)</sup>							
	PHPM-PA with Grafik Eye QS Main Unit	1	47	21%	100%	46%	High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	47	21%	100%	46%	High end and low end trim required.
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 10 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Varying start times and steppy dimming is possible with most 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.*