



# LUTRON® Product Report Card

ID 1044

**Manufacturer:** Sylvania  
**Model Number Tested:** LED20PAR38DIM830FL40  
**Other Model Numbers:** None

**Manufacturer's Description**

Type of device: LED PAR38  
 Operating voltage: 120V  
 Input Power: 20.0W  
 Input Current: Not Specified  
 Input Frequency: 60Hz

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

**Lutron Test Results**

Date Tested: 23-Aug-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		
<b>Wallbox Dimmers</b>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	7	19%	98%	44%	
Maestro	MACL-153M (L)*	1	7	8%	89%	28%	
Maestro Wireless	MRF2-6ELV	1	30	20%	100%	44%	FP performance similar. Load type not selectable. Evaluated in RP.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	7	10%	92%	31%	
<b>Commercial Systems</b>							
Stanza	SZ-6ND	1	10	6%	93%	25%	
Panel Module	HW/LP-RPM-4A-120	1	60	14%	99%	38%	High end trim required. Set load type to RP. Rating is per channel; total per module is 96.
Grafik QS	Grafik Eye QS Main Unit Family	1	13	6%	99%	24%	Rating is per output; total quantity per Main Unit is 32.
Panel Module	GP (Harrier) Card	1	33	10%	100%	31%	Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	13	6%	99%	24%	Rating is per output; total quantity per Main Unit is 19, 32, and 32 for 2, 4, and 6 zone units, respectively.
<b>Residential Systems</b>							
RadioRA 2	RRD-6NA	1	30	20%	100%	44%	FP performance similar. Load type not selectable. Evaluated in RP.
Homeworks QS	HQRD-6NA	1	30	20%	100%	44%	FP performance similar. Load type not selectable. Evaluated in RP.
HomeWorks	HxD-6ND	1	10	6%	93%	25%	
Panel Module	HW/LP-RPM-4A-120	1	60	14%	99%	38%	High end trim required. Set load type to RP. Rating is per channel; total per module is 96.

Grafik QS	Grafik Eye QS Main Unit Family	1	13	6%	99%	24%	Rating is per output; total quantity per Main Unit is 32.
Panel Module	GP (Harrier) Card	1	33	10%	100%	31%	Rating is per output.
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<b>Interfaces<sup>(3)</sup></b>							
	PHPM-PA with Grafik Eye QS Main Unit	1	96	13%	99%	37%	High end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	96	13%	99%	37%	High end trim required.
Notes:	<p>* Identical model numbers with different compatibility codes may have different performance; ( ) 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 7 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.*