



# LUTRON® Product Report Card

ID 962

**Manufacturer:** Philips

**Model Number Tested:** 9290002251

**Other Model Numbers:** 9290002251, 9290002321, 9290002322, 9290002291, 9290002312, 9290002313, 9290002314, 9290002315, 9290002316, 9290002317

**Manufacturer's Description**

Type of device: LED Par38 19.5W  
 Operating voltage: 120V  
 Input Power: 19.5 W  
 Input Current: 0.25 A  
 Input Frequency: 60Hz

Control Type: Forward and Reverse Phase Control  
 Dimming Range: Not Specified  
 Output Power: 19.5 W  
 Lumen Output: Not Specified

**Lutron Test Results**

Date Tested: 11-Apr-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	7	7%	97%	27%	Low end trim required.
Maestro Wireless	MRF2-6ND	1	7	6%	100%	25%	Low end trim required.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	7	7%	100%	26%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	8	7%	100%	26%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	17	6%	100%	24%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 27.
Panel Module	HW/LP-RPM-4U-120	1	28	6%	100%	24%	High end and low end trim required. Rating is per channel; total per module is 28.
Grafik QS	Grafik Eye QS Main Unit Family	1	11	6%	100%	25%	High end and low end trim required. Rating is per output; total per Main Unit is 27.
Panel Module	GP (Harrier) Card	1	28	5%	100%	22%	High end and low end trim required. Rating is per output.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	7	6%	100%	25%	Low end trim required.
HomeWorks QS	HQRD-6ND	1	7	6%	100%	25%	Low end trim required.
HomeWorks QS	HQRD-10ND	1	7	6%	100%	25%	Low end trim required.
HomeWorks	HxD-6ND	1	8	7%	100%	26%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	17	6%	100%	24%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 27.
Panel Module	HW/LP-RPM-4U-120	1	28	6%	100%	24%	High end and low end trim required. Rating is per channel; total per module is 28.
Grafik QS	Grafik Eye QS Main Unit Family	1	11	6%	100%	25%	High end and low end trim required. Rating is per output; total per Main Unit is 27.

Panel Module	GP (Harrier) Card	1	28	5%	100%	22%	High end and low end trim required. Rating is per output.
<i>Interfaces</i> <sup>(3)</sup>							
	PHPM-PA with Grafik Eye QS Main Unit	1	28	7%	100%	26%	High end and low end trim required. Is RP acceptable per manufacturer.
	PHPM-WBX with 3-wire fluorescent control	1	28	7%	100%	26%	High end and low end trim required. Is RP acceptable per manufacturer.
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 8 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.  
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.*