



# LUTRON® Product Report Card

ID 1078

**Manufacturer:** Bulbrite Industries, Inc.  
**Model Number Tested:** LED20PAR38NF/30K/D  
**Other Model Numbers:** LED20PAR38NF/40K/D, LED20PAR38WFL/30K/D, LED20PAR38WFL/40K/D

**Manufacturer's Description**

Type of device:	<u>LED PAR38 20W</u>	Control Type:	<u>Forward and Reverse Phase Control</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>20.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.23 A</u>	Lumen Output:	<u>Not Specified</u>
Input Frequency:	<u>60Hz</u>		

**Lutron Test Results**

Date Tested: 22-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		
<i>Wallbox Dimmers</i>							
Maestro	MACL-153M (L)*	1	7	6%	96%	25%	Low end trim required.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	7	16%	100%	40%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	9	18%	100%	42%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	32	14%	100%	37%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 51.
Panel Module	HW/LP-RPM-4U-120	1	29	8%	100%	28%	High end and low end trim required. Rating is per channel; total per module is 29.
Grafik QS	Grafik Eye QS Main Unit Family	1	12	7%	100%	26%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 30.
Panel Module	GP (Harrier) Card	1	29	11%	100%	34%	High end and low end trim required. Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	12	7%	100%	26%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 18, 30, and 30 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							
RadioRA 2	RRD-6NA	1	7	20%	100%	45%	Low end trim required. Load type not selectable. Evaluated in FP.
Homeworks QS	HQRD-6NA	1	7	20%	100%	45%	Low end trim required. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	9	18%	100%	42%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	32	14%	100%	37%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 51.

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<b>Interfaces<sup>(3)</sup></b>							
	PHPM-PA with Grafik Eye QS Main Unit	1	51	9%	100%	30%	High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	51	9%	100%	30%	High end and low 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. May experience steppy dimming with most controls. Low end trim required.

*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.*