



LUTRON® Product Report Card

ID 1038

Manufacturer: Halco Lighting Technologies

Model Number Tested: PAR20NFL8/830/LED

Other Model Numbers: PAR20FL8/830/LED; PAR20NFL8/827/LED; PAR20NFL8/840/LED; PAR20NFL8/850/LED

Manufacturer's Description

Type of device: LED PAR20

Operating voltage: 120V

Input Power: 8.0 W

Input Current: 0.10 A

Input Frequency: Not Specified

Control Type: Forward and Reverse Phase Control

Dimming Range: Not Specified

Output Power: Not Specified

Lumen Output: 380

Lutron Test Results

Date Tested: 9-Jul-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 ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Maestro	MACL-153M ()*	1	18	1%	95%	9%	
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	18	1%	96%	12%	
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	86	4%	99%	21%	Set load type to RP. Rating is per channel; total per module is 137.
Panel Module	HW/LP-RPM-4U-120	1	62	2%	98%	15%	Rating is per channel; total per module is 62.
Panel Module	GP (Harrier) Card	1	62	4%	97%	19%	Rating is per output.
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	86	4%	99%	21%	Set load type to RP. Rating is per channel; total per module is 137.
Panel Module	HW/LP-RPM-4U-120	1	62	2%	98%	15%	Rating is per channel; total per module is 62.
Panel Module	GP (Harrier) Card	1	62	4%	97%	19%	Rating is per output.
<i>Interfaces⁽³⁾</i>							
	PHPM-PA with Grafik Eye QS Main Unit	1	138	4%	97%	20%	
	PHPM-WBX with 3-wire fluorescent control	1	138	4%	97%	20%	
Notes:	* Identical model numbers with different compatibility codes may have different performance; () means there is no compatibility code assigned; contact technical support for additional information (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 18 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.