



LUTRON® Product Report Card

ID 1037

Manufacturer: Halco Lighting Technologies

Model Number Tested: PAR38FL20/830/LED

PAR38SP20/827/LED; PAR38SP20/830/LED; PAR38SP20/840/LED; PAR38SP20/850/LED;
PAR38NFL20/827/LED; PAR38NFL20/830/LED; PAR38NFL20/840/LED; PAR38NFL20/850/LED;

Other Model Numbers: PAR38FL20/827/LED; PAR38FL20/840/LED; PAR38FL20/850/LED

Manufacturer's Description

Type of device: LED PAR38 ProLED
 Operating voltage: 120V
 Input Power: 20.0 W
 Input Current: 0.21 A
 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: 26-Jun-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>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	7	5%	100%	22%	
Maestro	MACL-153M ()*	1	7	5%	100%	23%	
Maestro Wireless	MRF2-6ND	1	7	4%	98%	20%	Start time can be decreased with increased low end light level.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	7	5%	100%	22%	
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	10	4%	99%	21%	
Panel Module	HW/LP-RPM-4A-120	1	32	8%	99%	29%	Set load type to RP. Rating is per channel; total per module is 51.
Panel Module	HW/LP-RPM-4U-120	1	32	5%	98%	23%	Rating is per channel; total per module is 32.
Grafik QS	Grafik Eye QS Main Unit Family	1	13	5%	100%	23%	Rating is per output; total quantity per Main Unit is 32.
Panel Module	GP (Harrier) Card	1	32	8%	100%	28%	Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	13	5%	100%	23%	Rating is per output; total quantity per Main Unit is 19, 32, and 32 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	7	4%	98%	20%	Start time can be decreased with increased low end light level.
HomeWorks QS	HQRD-6ND	1	7	4%	98%	20%	Start time can be decreased with increased low end light level.

HomeWorks QS	HQRD-10ND	1	7	4%	98%	20%	Start time can be decreased with increased low end light level.
HomeWorks	HxD-6ND	1	10	4%	99%	21%	
Panel Module	HW/LP-RPM-4A-120	1	32	8%	99%	29%	Set load type to RP. Rating is per channel; total per module is 51.
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Interfaces⁽³⁾

No applicable results

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 (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</p>
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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 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.