



# LUTRON® Product Report Card

ID 1333

**Manufacturer:** Solais Lighting, Inc.  
**Model Number Tested:** LR38/25/30K/1450/\*\*  
**Other Model Numbers:** None

**Manufacturer's Description**

Type of device: LED 20 W PAR38  
 Operating voltage: 120V  
 Input Power: 20.0 W  
 Input Current: 0.18 A  
 Input Frequency: 60 Hz

Control Type: Forward and Reverse Phase Control  
 Dimming Range: Not Specified  
 Output Power: Not Specified  
 Lumen Output: Not Specified  
 Type/Shape: PAR38  
 Base Type: E26

**Lutron Test Results**

Date Tested: 28-Mar-14  
 Test Voltage: 120 V  
 Test Notes: Test results valid only at 120 V and 60 Hz.

**Lutron Recommended Compatible Products**

*Lutron products not in this list can be considered to be not recommended, based on our testing.*

Product	Model Number	Control Type <sup>(1)</sup>	Fixtures per Dimmer	Measured Dimming Range <sup>(2)</sup> (Software Trim Settings)		Perceived Low End <sup>(3)</sup>	Comments
			Min-Max	Low End	High End		
<i>Wallbox Dimmers</i>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler/ Lumea	C-L wall-mount dimmers (T1)*	FP	1 - 7	8%	98%	29%	Low end trim required.
Maestro	MACL-153M ( )*	FP	1 - 7	6%	98%	25%	Low end trim required.
Maestro Wireless	MRF2-6ND	FP	1 - 7	13%	98%	36%	Low end trim required.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	FP	1 - 7	13%	98%	36%	Low end trim required.
Caseta Wireless	PD-6WCL (SD11)*	FP	1 - 7	7%	98%	26%	Low end trim required.
Maestro Wireless	MRF2-6CL (M6)*	FP	1 - 7	11%	97%	33%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	FP	1 - 11	6% (33)	95% (90)	25%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	RP	1 - 16	7% (23)	96% (80)	26%	Low end trim required. Rating is per channel; total per module is 25.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 67	8% (27)	96% (89)	28%	Low end trim required. Rating is per channel; total per module is 67.
Grafik QS/ Wallbox Power Module	Grafik Eye QS Main Unit Family/ LQRJ-WPM-6P	FP	1 - 27	7% (27)	99% (90)	27%	Low end trim required. Rating is per output; total quantity per Main Unit is 67.
Panel Module	GP (Harrier) Card	FP	1 - 36	6% (25)	99% (85)	25%	Low end trim required. Rating is per output. Use load type 2-1.
Grafik Eye 3000/ HomeWorks	Grafik Eye 3000 Family/ HWI-WPM-6D-120	FP	1 - 27	7% (27)	99% (90)	27%	Low end trim required. Rating is per output; total quantity per Main Unit is 40/50/67/67 for 2/3/4/6-Zone units, respectively.

Residential Systems							
RadioRA 2	RRD-10ND	FP	1 - 7	13%	98%	36%	Low end trim required.
HomeWorks QS	HQRD-6ND	FP	1 - 7	13%	98%	36%	Low end trim required.
HomeWorks QS	HQRD-10ND	FP	1 - 7	13%	98%	36%	Low end trim required.
RadioRA 2	RRD-6NA	FP	1 - 7	8%	99%	28%	Low end trim required. Load type not selectable.
HomeWorks QS	HQRD-6NA	FP	1 - 7	8%	99%	28%	Low end trim required. Load type not selectable.
HomeWorks	HxD-6ND	FP	1 - 11	6% (33)	95% (90)	25%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	RP	1 - 16	7% (23)	96% (80)	26%	Low end trim required. Rating is per channel; total per module is 25.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 67	8% (27)	96% (89)	28%	Low end trim required. Rating is per channel; total per module is 67.
Grafik QS/ Wallbox Power Module	Grafik Eye QS Main Unit Family/ LQRJ-WPM-6P	FP	1 - 27	7% (27)	99% (90)	27%	Low end trim required. Rating is per output; total quantity per Main Unit is 67.
Panel Module	GP (Harrier) Card	FP	1 - 36	6% (25)	99% (85)	25%	Low end trim required. Rating is per output. Use load type 2-1.
Grafik Eye 3000/ HomeWorks	Grafik Eye 3000 Family/ HWI-WPM-6D-120	FP	1 - 27	7% (27)	99% (90)	27%	Low end trim required. Rating is per output; total quantity per Main Unit is 40/50/67/67 for 2/3/4/6-Zone units, respectively.
RadioRA 2	RRD-6CL (R3)*	FP	1 - 7	11%	97%	33%	Low end trim required.
HomeWorks QS	HQRD-6CL (H2)*/ HQRA-6CL (H2)*	FP	1 - 7	11%	97%	33%	Low end trim required.
RadioRA 2	RRD-6D	FP	2 - 7	7%	97%	26%	Low end trim required.
Interfaces <sup>(4)</sup>							
	PHPM-PA with Grafik Eye QS Main Unit	RP	1 - 16	7% (25)	100% (90)	26%	Low end trim required.
	PHPM-WBX with 3-wire fluorescent control	RP	1 - 16	7%	100%	26%	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) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details.</p> <p>(2) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability. Values are set to optimize performance, such as reducing dead travel, ensuring that fixtures turn on at low end, reducing turn-on time at low end, and trimming out instability. Software trim values are indicated in parentheses when applicable.</p> <p>(3) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook.</p> <p>(4) 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.

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. Please be aware that device manufacturers may modify their product at any time, without notice to Lutron, and therefore Lutron cannot ensure future compatibility. For more detailed and up to date fixture specifications, performance and/or any related recall information, visit the manufacturer's website. The latest Lutron test results can always be found at www.lutron.com/LEDtool.