

**Manufacturer:** Sylvania  
**Model Number Tested:** LED20PAR38-DIM-930-FL40-P2  
**Other Model Numbers:** None

**Manufacturer's Description**

Type of device:	<u>LED PAR 38 ULTRA HD</u>	Control Type:	<u>Forward Phase</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>Not Specified</u>	Lumen Output:	<u>1000</u>
Input Frequency:	<u>60Hz</u>		

**Lutron Test Results**

Date Tested: 11-Oct-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>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	7	10%	97%	31%	Low end trim required.
Maestro	MACL-153M (L)*	1	7	7%	90%	27%	Low end trim required.
Maestro Wireless	MRF2-6ND	1	7	20%	96%	45%	Low end trim required. Start time may exceed one second.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	7	16%	90%	40%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	10	7%	93%	27%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	20	7%	100%	27%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 32.
Grafik QS	Grafik Eye QS Main Unit Family	1	13	7%	100%	26%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 32.
Panel Module	GP (Harrier) Card	1	32	8%	100%	27%	High end and low end trim required. Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	13	7%	100%	26%	High end and low end trim required. 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	20%	96%	45%	Low end trim required. Start time may exceed one second.
HomeWorks QS	HQRD-6ND	1	7	20%	96%	45%	Low end trim required. Start time may exceed one second.
HomeWorks QS	HQRD-10ND	1	7	20%	96%	45%	Low end trim required. Start time may exceed one second.
RadioRA 2	RRD-6NA	1	7	20%	93%	45%	Low end trim required. Load type not selectable. Evaluated in FP.

Homeworks QS	HQRD-6NA	1	7	20%	93%	45%	Low end trim required. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	10	7%	93%	27%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	20	7%	100%	27%	High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 32.
Grafik QS	Grafik Eye QS Main Unit Family	1	13	7%	100%	26%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 32.
Panel Module	GP (Harrier) Card	1	32	8%	100%	27%	High end and low end trim required. Rating is per output.
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*Interfaces*<sup>(3)</sup>

*No applicable results*

Notes:	<p>* Identical model numbers with different compatibility codes may have different performance; (L) 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>
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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.

*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.*