

Manufacturer: Sylvania
Model Number Tested: LED11PAR20/DIM/930/FL30/P2
Other Model Numbers: None

Manufacturer's Description

Type of device: LED 11W PAR20 ULTRA HD
 Operating voltage: 120V
 Input Power: 11.0 W
 Input Current: 0.09 A
 Input Frequency: 60Hz

Control Type: Forward Phase
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 550

Lutron Test Results

Date Tested: 17-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 ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Maestro Wireless	MRF2-6ND	1	13	19%	95%	43%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	15	5%	92%	23%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	31	20%	100%	44%	High end and low end trim required. Some shimmer may be seen near low end. Set load type to FP. Rating is per channel; total per module is 49.
Grafik QS	Grafik Eye QS Main Unit Family	1	21	19%	100%	43%	High end and low end trim required. Some shimmer may be seen near low end. Rating is per output; total quantity per Main Unit is 52.
Grafik Eye 3000	Grafik Eye 3000 Family	1	21	19%	100%	43%	High end and low end trim required. Some shimmer may be seen near low end. Rating is per output; total quantity per Main Unit is 31, 52, and 52 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	13	19%	95%	43%	Low end trim required.
HomeWorks QS	HQRD-6ND	1	13	19%	95%	43%	Low end trim required.
HomeWorks QS	HQRD-10ND	1	13	19%	95%	43%	Low end trim required.
RadioRA 2	RRD-6NA	1	13	20%	95%	45%	Low end trim required. Load type not selectable. Evaluated in FP.
Homeworks QS	HQRD-6NA	1	13	20%	95%	45%	Low end trim required. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	15	5%	92%	23%	Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	31	20%	100%	44%	High end and low end trim required. Some shimmer may be seen near low end. Set load type to FP. Rating is per channel; total per module is 49.

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Grafik Eye 3000	Grafik Eye 3000 Family	1	21	19%	100%	43%	High end and low end trim required. Some shimmer may be seen near low end. Rating is per output; total quantity per Main Unit is 31, 52, and 52 for 2, 4, and 6 zone units, respectively.
<i>Interfaces⁽³⁾</i>							
<i>No applicable results</i>							
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 14 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.*