


LUTRON®
Product Report Card

ID 1357

Manufacturer: Satco Products Inc
Model Number Tested: S9085
Other Model Numbers: S9084, S9086, S9087, S9088, S9089, S9090, S9091

Manufacturer's Description

Type of device:	<u>LED 11 W PAR30S</u>	Control Type:	<u>Forward Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>11.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.10 A</u>	Lumen Output:	<u>780 lm</u>
Input Frequency:	<u>60 Hz</u>	Type/Shape:	<u>PAR30S</u>
		Base Type:	<u>E26</u>

Lutron Test Results

Date Tested: 16-Apr-14
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	Control Type ⁽¹⁾	Fixtures per Dimmer	Measured Dimming Range ⁽²⁾ (Software Trim Settings)		Perceived Low End ⁽³⁾	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 - 13	11%	95%	33%	May experience steppy dimming. Low end trim required. Performance may vary with dimmers manufactured before 2013.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	FP	1 - 13	16%	87%	40%	May experience steppy dimming. High end and low end trim required.
Caseta Wireless	PD-6WCL (SD11)*	FP	1 - 13	14%	91%	38%	May experience steppy dimming. High end and low end trim required.
Maestro Wireless	MRF2-6CL (M6)*	FP	1 - 13	20%	89%	45%	May experience steppy dimming. High end and low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	FP	1 - 15	14% (41)	94% (99)	38%	May experience steppy dimming. High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	FP	1 - 16	16% (33)	100% (82)	40%	May experience steppy dimming. High end and low end trim required. Rating is per channel; total per module is 25.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 114	14% (37)	100% (86)	38%	May experience steppy dimming. High end and low end trim required. Rating is per channel; total per module is 114.

Grafik QS/ Wallbox Power Module	Grafik Eye QS Main Unit Family/ LQRJ-WPM-6P	FP	1 - 56	13% (36)	100% (85)	36%	May experience steppy dimming. High end and low end trim required. Rating is per output; total quantity per Main Unit is 140.
Panel Module	GP (Harrier) Card	FP	1 - 50	8% (32)	100% (88)	28%	May experience steppy dimming. High end and 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 - 56	13% (36)	100% (85)	36%	May experience steppy dimming. High end and low end trim required. Rating is per output; total quantity per Main Unit is 84/105/140/140 for 2/3/4/6-Zone units, respectively.
Residential Systems							
HomeWorks	HxD-6ND	FP	1 - 15	14% (41)	94% (99)	38%	May experience steppy dimming. High end and low end trim required.
Panel Module	HW/LP-RPM-4A- 120	FP	1 - 16	16% (33)	100% (82)	40%	May experience steppy dimming. High end and low end trim required. Rating is per channel; total per module is 25.
Panel Module	HW/LP-RPM-4U- 120	FP	1 - 114	14% (37)	100% (86)	38%	May experience steppy dimming. High end and low end trim required. Rating is per channel; total per module is 114.
Grafik QS/ Wallbox Power Module	Grafik Eye QS Main Unit Family/ LQRJ-WPM-6P	FP	1 - 56	13% (36)	100% (85)	36%	May experience steppy dimming. High end and low end trim required. Rating is per output; total quantity per Main Unit is 140.
Panel Module	GP (Harrier) Card	FP	1 - 50	8% (32)	100% (88)	28%	May experience steppy dimming. High end and 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 - 56	13% (36)	100% (85)	36%	May experience steppy dimming. High end and low end trim required. Rating is per output; total quantity per Main Unit is 84/105/140/140 for 2/3/4/6-Zone units, respectively.
RadioRA 2	RRD-6CL (R3)*	FP	1 - 13	20%	89%	45%	May experience steppy dimming. High end and low end trim required.
HomeWorks QS	HQRD-6CL (H2)*/ HQRA-6CL (H2)*	FP	1 - 13	20%	89%	45%	May experience steppy dimming. High end and low end trim required.
Interfaces ⁽⁴⁾							
<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) 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 13 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.