Product Report Card

Manufacturer: **EcoSmart**
Model Number Tested: **1003025702**
Other Model Numbers: 1003025802

Manufacturer's Description

Type of Device:	LED 8 W R20	Control Type:	Forward and Reverse Phase Control
Operating Voltage:	120	Dimming Range:	Not Specified
Input Power:	8 W	Output Power:	Not Specified
Input Current:	0.095 A	Lumen Output:	Not Specified
Input Frequency:	60 Hz	Type/Shape:	R20
		Base Type:	E26

Lutron Test Results

Date Tested	10/30/2018
Test Voltage	120 V
Test Notes	Test results valid only at 120V and 60 Hz.

Lutron Recommended 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 [2] Min-Max	Measured Dimming Range [3] (Software Trim Settings) Low End	High End	Perceived Low End [4]	Comments
Commercial Systems							
Stanza	SZ-6ND	FP	1 - 22	8%	96%	29%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 135	10%	97%	32%	
Panel Module	HW/LP-RPM-4U-120	FP	1 - 103	10%	96%	31%	
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 88	7%	97%	26%	
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 88	7%	97%	26%	
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 13	18%	99%	43%	
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 31	9%	97%	29%	

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
Vive	MRF2S-6ELV	RP	1 - 18	8%	96%	28%	

Residential Systems

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings) Low End	High End	Perceived Low End	Comments
RadioRA 2	RRD-6NA	RP	1 - 18	8%	96%	28%	
HomeWorks QS	HQRD-6NA	RP	1 - 18	8%	96%	28%	
HomeWorks	HxD-6ND	FP	1 - 22	8%	96%	29%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 135	10%	97%	32%	
Panel Module	HW/LP-RPM-4U-120	FP	1 - 103	10%	96%	31%	
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 88	7%	97%	26%	
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 88	7%	97%	26%	
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 12	7%	95%	26%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 12	7%	95%	26%	Installation with a neutral wire is required.
RadioRA 2	RRT-G25LW (R3) without neutral	FP	1 - 31	9%	96%	30%	2 lamp minimum required without neutral.
HomeWorks QS	HQRT-G25LW (H2) without neutral	FP	1 - 31	9%	96%	30%	2 lamp minimum required without neutral.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 13	18%	99%	43%	
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 31	9%	97%	29%	
Homeworks QS	LQSE-4A-120-D, RP	RP	1 - 28	14%	97%	37%	

WallBox Dimmers

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings) Low End	High End	Perceived Low End	Comments
Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T8, T9)	FP	1 - 18	9%	97%	30%	
Maestro	MACL-153M (TX)	FP	1 - 18	5%	99%	22%	
Maestro Wireless	MRF2-6ELV	RP	1 - 18	8%	96%	28%	Load type not selectable.
Maestro Sensor	MSCL-OP153M (T2)/MSCL-VP153M (T2)	FP	1 - 18	9%	89%	31%	
Diva/Ariadni C250W	250W CL dimmers (T5,T8)	FP	1 - 31	9%	97%	30%	
Nova T* 250W	NTCL-250 (T8)	FP	1 - 31	9%	97%	30%	Gen 2

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
Grafik T	GT-150 (T6) without neutral	FP	1 - 18	9%	96%	30%	2 lamp minimum required without neutral.
Grafik T	GTJ-150 (M6) without neutral	FP	1 - 18	9%	96%	30%	2 lamp minimum required without neutral.
Grafik T	GTJ-250M (M6)/GT-250M (T7) without neutral	FP	1 - 31	9%	96%	30%	2 lamp minimum required without neutral.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 31	9%	97%	29%	
Skylark Contour Slide to-off	CTCL-150	FP	1 - 18	9%	97%	30%	
Caseta WirelessPhase Selectable	PD-5NE	RP	1 - 31	6%	96%	25%	
Maestro	MACL-LFQ	FP	1 - 9	7%	97%	27%	
Lumea Slide-to-Off	LECL-150H	FP	1 - 18	9%	97%	30%	
Caseta Wireless	PD-6WCL (SD12)	FP	1 - 18	9%	92%	29%	
Notes:	* 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) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details. (2) Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. (3) 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. (4) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. (5) 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.						

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.