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ID: 1745

Product Report Card

Manufacturer: EcoSmart

Model Number Tested: BPA15/CL/500/LED/ESM (A15)

Other Model Numbers: BPCFC/500/LED/ESM (candle E12), BPGM/CL/500/LED/ESM (globe E26)

Manufacturer's Description

Type of Device: LED 7.5 W B10 Candle

Operating Voltage: 120

Input Power: 7.5 W

Input Current: 0.06 A

Input Frequency: 60 Hz

Control Type: Forward and Reverse Phase Control

Dimming Range: Not Specified

Output Power: Not Specified

Lumen Output: 500 lm

Type/Shape: B10 Candle

Base Type:

Lutron Test Results

Date Tested: 03/11/2015

Test Voltage: 120 V

Test Notes

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⁾	Measured Dimming Range ⁽³⁾ (Software Trim Settings)		Perceived Low End ⁽⁴⁾	Comments
			Min-Max	Low End	High End		
Commercial Systems							
Stanza	SZ-6ND	FP	1 - 8	12%	98%	34%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 58	18%	99%	42%	Rating is per channel; total per module is 92.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 40	12%	100%	34%	Rating is per channel; total per module is 40.
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 40	12%	98%	34%	Rating is per output; total quantity per Main Unit is 100.
Panel Module	GP (Harrier) Card	FP	1 - 28	17%	97%	42%	Rating is per output. Use load type 2-1.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 40	12%	98%	34%	Rating is per output; total quantity per Main Unit is 60/75/100/100 for 2/3/4/6-Zone units, respectively.
Interfaces							
[none]	PHPM-PAwith Grafik Eye QS Main Unit	RP	1 - 58	17%	100%	41%	
[none]	PHPM-WBxwith 3-wire fluorescent control	RP	1 - 58	17%	100%	41%	
Residential Systems							
HomeWorks	HxD-6ND	FP	1 - 8	12%	98%	34%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 58	18%	99%	42%	Rating is per channel; total per module is 92.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 40	12%	100%	34%	Rating is per channel; total per module is 40.
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 40	12%	98%	34%	Rating is per output; total quantity per Main Unit is 100.
Panel Module	GP (Harrier) Card	FP	1 - 28	17%	97%	42%	Rating is per output. Use load type 2-1.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 40	12%	98%	34%	Rating is per output; total quantity per Main Unit is 60/75/100/100 for 2/3/4/6-Zone units, respectively.
RadioRA 2	RRD-6CL (R3)	FP	1 - 20	20%	89%	45%	
HomeWorks QS	HQRD-6CL (H2)/HQRA-6CL (H2)	FP	1 - 20	20%	89%	45%	

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
WallBox Dimmers							
Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T1, T4)	FP	1 - 20	20%	98%	45%	Performance may vary with dimmers manufactured before 2013.
Maestro	MACL-153M ()	FP	1 - 20	19%	98%	43%	
Maestro Sensor	MSCL-OP153M (T2)/MSCL-VP153M (T2)	FP	1 - 20	12%	97%	35%	
Maestro Wireless	MRF2-6CL (M6)	FP	1 - 20	20%	89%	45%	
Notes:	<ul style="list-style-type: none"> * 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.