



LUTRON® Product Report Card

ID 833

Manufacturer: Cooper Lighting

Model Number Tested: ML5609830

Other Model Numbers: ML5609827, ML5609835, ML5609840, ML5609927, ML5609930, ML5609935, ML5609940

Manufacturer's Description

Type of device: LED LED Retrofit Module
 Operating voltage: 120V
 Input Power: 13.4 W
 Input Current: Not Specified
 Input Frequency: Not Specified

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

Lutron Test Results

Date Tested: 13-Nov-12
 Test Voltage: 120 V
 Test Notes: None

Lutron Recommended Compatible Products

Lutron products not in this list can be considered to be not compatible, 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	MACL-153M	1	11	4%	90%	21%	
Maestro RF	MRF2-6ND	1	11	8%	90%	28%	
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	14	3%	90%	17%	May have delayed dimming response.
Panel Module	HW/LP-RPM-4A-120	1	28	5%	100%	23%	Set load type to FP. Rating is per channel; total per module is 44.
Panel Module	HW/LP-RPM-4U-120	1	45	5%	99%	22%	Rating is per channel; total per module is 45.
Grafik QS	Grafik Eye QS Main Unit Family	1	18	3%	99%	17%	Rating is per output; total per Main Unit is 45.
Panel Module	GP (Harrier) Card	1	45	4%	100%	20%	Rating is per output.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	11	8%	90%	28%	
HomeWorks QS	HQRD-6ND	1	11	8%	90%	28%	
HomeWorks QS	HQRD-10ND	1	11	8%	90%	28%	
RadioRA 2	RRD-6NA	1	11	7%	91%	26%	Set load type to FP.
Homeworks QS	HQRD-6NA	1	11	7%	91%	26%	Set load type to FP.
HomeWorks	HxD-6ND	1	14	3%	90%	17%	May have delayed dimming response.
Panel Module	HW/LP-RPM-4A-120	1	28	5%	100%	23%	Set load type to FP. Rating is per channel; total per module is 44.
Panel Module	HW/LP-RPM-4U-120	1	45	5%	99%	22%	Rating is per channel; total per module is 45.
Grafik QS	Grafik Eye QS Main Unit Family	1	18	3%	99%	17%	Rating is per output; total per Main Unit is 45.
Panel Module	GP (Harrier) Card	1	45	4%	100%	20%	Rating is per output.
<i>Interfaces ⁽³⁾</i>							
	PHPM-PA with Grafik Eye QS Main Unit	1	143	7%	99%	27%	

	PHPM-WBX with 3-wire fluorescent control	1	143	7%	99%	27%	
Notes:	(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 (2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook (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						

Test Comments: Performance verified with up to 11 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Low end trim required.

*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.*