



# LUTRON® Product Report Card

ID 1148

**Manufacturer:** Cooper Lighting

**Model Number Tested:** ML5612830

**Other Model Numbers:** ML5612827, ML5612835, ML5612840 ML5612927, ML5612930, ML5612935, ML5612940

**Manufacturer's Description**

Type of device: LED 17.5W Retrofit Module downlight  
 Operating voltage: 120V  
 Input Power: 17.5 W  
 Input Current: 0.15 A  
 Input Frequency: 60Hz

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

**Lutron Test Results**

Date Tested: 12-Nov-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 <sup>(1)</sup>		Perceived Low End <sup>(2)</sup>	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	8	19%	89%	43%	Low end trim required.
Maestro Wireless	MRF2-6ND	1	8	15%	88%	39%	Start time may exceed 1 second.
<i>Commercial Systems</i>							
Grafik QS	Grafik Eye QS Main Unit Family	1	19	20%	98%	45%	Rating is per output; total quantity per Main Unit is 47.
Panel Module	GP (Harrier) Card	1	46	19%	99%	43%	Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	19	20%	98%	45%	Rating is per output; total quantity per Main Unit is 28, 47, and 47 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	1	8	15%	88%	39%	Start time may exceed 1 second.
HomeWorks QS	HQRD-6ND	1	8	15%	88%	39%	Start time may exceed 1 second.
HomeWorks QS	HQRD-10ND	1	8	15%	88%	39%	Start time may exceed 1 second.
Grafik QS	Grafik Eye QS Main Unit Family	1	19	20%	98%	45%	Rating is per output; total quantity per Main Unit is 47.
Panel Module	GP (Harrier) Card	1	46	19%	99%	43%	Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	19	20%	98%	45%	Rating is per output; total quantity per Main Unit is 28, 47, and 47 for 2, 4, and 6 zone units, respectively.
<i>Interfaces<sup>(3)</sup></i>							
	PHPM-PA with Grafik Eye QS Main Unit	1	109	20%	89%	44%	

	PHPM-WBX with 3-wire fluorescent control	1	109	20%	89%	44%	
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 8 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](http://www.lutron.com/LEDtool).*