



# LUTRON® Product Report Card

Manufacturer: Cooper (Portfolio)  
 Model Number Tested: LD409D120  
 Other Model Numbers: LD610D120

### Manufacturer's Description

Type of device:	<u>LED</u>	Control Type:	<u>Unspecified Phase Control</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>Not Specified</u>	Output Power:	<u>15 W</u>
Input Current:	<u>0.30 A</u>	Lumen Output:	<u>Not Specified</u>
Input Frequency:	<u>60Hz</u>		

### Lutron Test Results

Date Tested: 4-Mar-11  
 Figure of Merit: N/A  
 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 <sup>(1)</sup>		Perceived Low End <sup>(2)</sup>	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
All C.L Dimmers	DV(W)CL-153P	1	4	11%	100%	33%	
Maestro RF	MRF2-6ND	1	4	12%	99%	35%	
Maestro RF	MRF2-6ELV	1	21	19%	100%	44%	Mismatched start times.
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	42	20%	100%	45%	
Grafik QS	Grafik Eye QS Main Unit Family	1	6	16%	99%	40%	
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	42	20%	100%	45%	
HomeWorks	HxD-6ND	1	4	16%	100%	40%	
Grafik QS	Grafik Eye QS Main Unit Family	1	6	16%	99%	40%	
RadioRA 2	RRD-6NA	1	21	19%	100%	44%	Mismatched start times.
<i>Interfaces</i>							
	PHPM-WBX with DVF-103P	1	71	19%	99%	44%	Minor high end dead travel
	PHPM-PA with QSG-6D	1	71	13%	99%	36%	
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						

### Test Comments:

All controls require low end trim. Startup delay of 2 seconds can be expected.  
 The PPHM interface can be used with various control inputs. Depending on style a forward phase or 3 wire control of any type may be used.  
 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.