



LUTRON®

Product Report Card

Manufacturer: Cooper Lighting (Halo)
 Model Number Tested: ML706830xx
 Other Model Numbers: ML706827T120DEM, ML706830T120DEM, ML706835T120DEM, ML706840T120DEM

Manufacturer's Description

Type of device:	<u>LED</u>	Control Type:	<u>Unspecified Phase Control</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>100%-15%</u>
Input Power:	<u>15 W</u>	Output Power:	<u>14 W</u>
Input Current:	<u>0.20 A</u>	Lumen Output:	<u>416-793 lm</u>
Input Frequency:	<u>60Hz</u>		

Lutron Test Results

Date Tested: 23-Jul-10
 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 ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
Wallbox Dimmers							
All C.L Dimmers	DV_CL-153P CTCL-153P LGCL-153PH TGCL-153P / AYCL-153P	1	10	5%	100%	23%	Low-end trim needed
Maestro RF	MRF2-6ND	1	4	14%	99%	37%	Low end trim needed. Startup delay at low end is around 2.5 sec
Commercial Systems							
Panel Module	HW/LP-RPM-4A-120	1	15	17%	99%	41%	High end and low end trim needed. Varying start times with multiple fixtures. Some startup delay at low end.
Panel Module	HW/LP-RPM-4U-120	1	15	17%	99%	41%	Requires high-end trim. Startup delay at low end around 2.5 sec
Grafik Eye QS	Grafik Eye QS Main Unit	1	6	12%	99%	34%	Low-end trim needed
Residential Systems							
Panel Module	HW/LP-RPM-4A-120	1	15	17%	99%	41%	High end and low end trim needed. Varying start times with multiple fixtures. Some startup delay at low end.
Panel Module	HW/LP-RPM-4U-120	1	15	17%	99%	41%	Requires high-end trim. Startup delay at low end around 2.5 sec
HomeWorks	HxD-6ND	1	4	17%	98%	41%	Low end trim needed. Some startup delay.
Grafik Eye QS	Grafik Eye QS Main Unit	1	6	12%	99%	34%	Low-end trim needed
RadioRA 2	RRD-10ND	1	8	19%	100%	44%	Low-end and high-end trim needed to minimize start-up delay and dead travel. Varying start times with multiple fixtures
RadioRA 2	RRD-6NA	1	26	20%	100%	44%	Low end trim needed. Startup delay around 2.8 sec.
Interfaces							
	PHPM-WBX with DVF-103P	1	16	19%	100%	43%	Low end trim needed. Varying start times with multiple fixtures. Some startup delay at low end.
	PHPM-PA with Grafik Eye QS	1	16	16%	99%	40%	Requires high-end and low-end trim. Varying start times with multiple fixtures.
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: Minor buzzing was present with most dimmers.

*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.*