



LUTRON® Product Report Card

ID 780

Manufacturer: Cooper Lighting
Model Number Tested: ML5606830
Other Model Numbers: ML5606827, ML5606835, ML5606840

Manufacturer's Description

Type of device: LED 5" and 6" downlight module
 Operating voltage: 120V/277V
 Input Power: 9.0 W
 Input Current: Not Specified
 Input Frequency: 50Hz/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: 4-Oct-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> | | | | | | | |
| Diva/ Skylark Contour/ Ariadni/ Toggler | C-L wall-mount dimmers | 1 | 16 | 8% | 88% | 28% | Reduced high end. |
| Maestro RF | MRF2-6ND | 1 | 16 | 10% | 87% | 32% | Reduced high end. |
| <i>Commercial Systems</i> | | | | | | | |
| Stanza | SZ-6ND | 1 | 22 | 8% | 87% | 28% | Reduced high end. |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 45 | 9% | 100% | 29% | High end trim required. Set load type to FP. Rating is per channel; total per module is 72. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 72 | 8% | 100% | 28% | Rating is per channel; total per module is 72. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 30 | 8% | 100% | 28% | High end trim required. Rating is per output; total per Main Unit is 75. |
| Panel Module | GP (Harrier) Card | 1 | 72 | 9% | 100% | 29% | High end trim required. Rating is per output. |
| <i>Residential Systems</i> | | | | | | | |
| RadioRA 2 | RRD-10ND | 1 | 16 | 10% | 87% | 32% | Reduced high end. |
| HomeWorks QS | HQRD-6ND | 1 | 16 | 10% | 87% | 32% | Reduced high end. |
| HomeWorks QS | HQRD-10ND | 1 | 16 | 10% | 87% | 32% | Reduced high end. |
| RadioRA 2 | RRD-6NA | 1 | 16 | 8% | 90% | 28% | Set load type to FP. |
| Homeworks QS | HQRD-6NA | 1 | 16 | 8% | 90% | 28% | Set load type to FP. |
| HomeWorks | HxD-6ND | 1 | 22 | 8% | 87% | 28% | Reduced high end. |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 45 | 9% | 100% | 29% | High end trim required. Set load type to FP. Rating is per channel; total per module is 72. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 72 | 8% | 100% | 28% | Rating is per channel; total per module is 72. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 30 | 8% | 100% | 28% | High end trim required. Rating is per output; total per Main Unit is 75. |
| Panel Module | GP (Harrier) Card | 1 | 72 | 9% | 100% | 29% | High end trim required. Rating is per output. |
| <i>Interfaces ⁽³⁾</i> | | | | | | | |
| | PHPM-PA with Grafik Eye QS Main Unit | 1 | 210 | 8% | 92% | 28% | |

| | | | | | | | |
|--------|---|---|-----|----|-----|-----|--|
| | PHPM-WBX with 3-wire fluorescent control | 1 | 210 | 8% | 92% | 28% | |
| 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 17 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Low end trim required for all controls.

*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.*