



LUTRON® Product Report Card

ID 1109

Manufacturer: OSRAM SYLVANIA
Model Number Tested: 71707-0
 Other Model Numbers: LED/RT6/700/830/FL80 (71707-0), LED/RT6/700/827/FL80 (70699-0)

Manufacturer's Description

| | |
|--|--|
| Type of device: <u>LED ULTRA LED 6" RETROFIT KIT RT6</u> | Control Type: <u>Forward and Reverse Phase Control</u> |
| Operating voltage: <u>120V</u> | Dimming Range: <u>Not Specified</u> |
| Input Power: <u>10.0 W</u> | Output Power: <u>Not Specified</u> |
| Input Current: <u>0.11 A</u> | Lumen Output: <u>700</u> |
| Input Frequency: <u>60Hz</u> | |

Lutron Test Results

Date Tested: 10-Sep-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 ⁽¹⁾ | | Perceived Low End ⁽²⁾ | Comments |
|--|---|---------------------|---------|---------------------------------------|----------|----------------------------------|--|
| | | Minimum | Maximum | Low End | High End | | |
| <i>Wallbox Dimmers</i> | | | | | | | |
| Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler | C-L wall-mount dimmers (T1)* | 1 | 15 | 17% | 90% | 41% | Performance may vary with dimmers manufactured prior to 2013. |
| Maestro | MACL-153M (L)* | 1 | 15 | 4% | 87% | 21% | |
| Maestro Sensor | MSCL-OP153M (T2)*/ MSCL-VP153M (T2)* | 1 | 15 | 5% | 87% | 22% | |
| <i>Commercial Systems</i> | | | | | | | |
| Stanza | SZ-6ND | 1 | 10 | 5% | 91% | 22% | |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 20 | 13% | 99% | 36% | Set load type to FP. Rating is per channel; total per module is 32. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 32 | 7% | 95% | 26% | Rating is per channel; total per module is 32. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 13 | 5% | 95% | 23% | Rating is per output; total quantity per Main Unit is 32. |
| Panel Module | GP (Harrier) Card | 1 | 32 | 8% | 98% | 28% | Rating is per output. |
| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 13 | 5% | 95% | 23% | Rating is per output; total quantity per Main Unit is 19, 32, and 32 for 2, 4, and 6 zone units, respectively. |
| <i>Residential Systems</i> | | | | | | | |
| RadioRA 2 | RRD-10ND | 1 | 15 | 19% | 88% | 44% | |
| HomeWorks QS | HQRD-10ND | 1 | 15 | 19% | 88% | 44% | |
| HomeWorks | HxD-6ND | 1 | 10 | 5% | 91% | 22% | |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 20 | 13% | 99% | 36% | Set load type to FP. Rating is per channel; total per module is 32. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 32 | 7% | 95% | 26% | Rating is per channel; total per module is 32. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 13 | 5% | 95% | 23% | Rating is per output; total quantity per Main Unit is 32. |
| Panel Module | GP (Harrier) Card | 1 | 32 | 8% | 98% | 28% | Rating is per output. |

| | | | | | | | |
|----------------------------------|--|---|-----|-----|-----|-----|--|
| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 13 | 5% | 95% | 23% | Rating is per output; total quantity per Main Unit is 19, 32, and 32 for 2, 4, and 6 zone units, respectively. |
| <i>Interfaces</i> ⁽³⁾ | | | | | | | |
| | PHPM-PA with Grafik Eye QS Main Unit | 1 | 141 | 19% | 98% | 43% | |
| | PHPM-WBX with 3-wire fluorescent control | 1 | 141 | 19% | 98% | 43% | |
| 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 15 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.