



LUTRON® Product Report Card

ID 1071

Manufacturer: Osram Sylvania
Model Number Tested: 78418
Other Model Numbers: 78419, 78559, 78551, 72562

Manufacturer's Description

Type of device: LED Ultra LED G25
 Operating voltage: 120V
 Input Power: 7.0 W
 Input Current: Not Specified
 Input Frequency: 60Hz

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

Lutron Test Results

Date Tested: 6-Aug-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 | | |
| Wallbox Dimmers | | | | | | | |
| Maestro | MACL-153M (L)* | 1 | 21 | 10% | 97% | 32% | Low end trim required. |
| Credenza | TTCL-100 | 1 | 14 | 13% | 100% | 36% | Performance verified with up to 5 fixtures. |
| Maestro Wireless | MRF2-3LD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| Maestro Wireless | MRF2-3PD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| Commercial Systems | | | | | | | |
| Stanza | SZ-6ND | 1 | 26 | 11% | 100% | 33% | High end and low end trim required. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 86 | 10% | 100% | 32% | High end and low end trim required. Rating is per channel; total per module is 86. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 35 | 6% | 100% | 25% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 87. |
| Panel Module | GP (Harrier) Card | 1 | 86 | 10% | 100% | 32% | High end and low end trim required. Rating is per output. |
| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 35 | 6% | 100% | 25% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 52, 87, and 87 for 2, 4, and 6 zone units, respectively. |
| Residential Systems | | | | | | | |
| HomeWorks | HxD-6ND | 1 | 26 | 11% | 100% | 33% | High end and low end trim required. |

| | | | | | | | |
|-----------------|--------------------------------|---|----|-----|------|-----|--|
| RadioRA 2 | RRD-3LD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| Homeworks QS | HQR-3LD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| RadioRa 2 | RRD-3PD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| Homeworks QS | HQR-3PD | 1 | 13 | 19% | 100% | 43% | Performance verified with up to 5 fixtures. High end and low end trim required. Delayed start time at low end. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 86 | 10% | 100% | 32% | High end and low end trim required. Rating is per channel; total per module is 86. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 35 | 6% | 100% | 25% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 87. |
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| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 35 | 6% | 100% | 25% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 52, 87, and 87 for 2, 4, and 6 zone units, respectively. |

Interfaces⁽³⁾

No applicable results

| | |
|--------|--|
| 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 (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</p> |
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Test Comments: Performance verified with up to 21 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. May experience steppy dimming with most controls. Low end trim required.

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.