



LUTRON® Product Report Card

ID 1021

Manufacturer: Osram Sylvania
Model Number Tested: LED12BR30/DIM/HO/827
Other Model Numbers: 78014, 78015, 78018

Manufacturer's Description

Type of device: LED 12W BR30
 Operating voltage: 120V
 Input Power: 12.0 W
 Input Current: 0.11 A
 Input Frequency: 60Hz

Control Type: Forward Phase
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 850

Lutron Test Results

Date Tested: 29-May-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 | 12 | 16% | 92% | 40% | Low end trim required. |
| Maestro | MACL-153M ()* | 1 | 12 | 7% | 85% | 27% | Low end trim required. |
| Maestro Wireless | MRF2-6ND | 1 | 12 | 20% | 91% | 45% | Low end trim required. Lower LE light levels can be achieved with longer start times. |
| Maestro Sensor | MSCL-OP153M (T2)*/ MSCL-VP153M (T2)* | 1 | 12 | 8% | 87% | 28% | Low end trim required. |
| <i>Commercial Systems</i> | | | | | | | |
| Stanza | SZ-6ND | 1 | 21 | 7% | 90% | 27% | Low end trim required. |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 42 | 10% | 100% | 31% | High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 67. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 68 | 7% | 100% | 26% | High end and low end trim required. Rating is per channel; total per module is 68. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 28 | 10% | 100% | 31% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 70. |
| Panel Module | GP (Harrier) Card | 1 | 68 | 6% | 100% | 25% | High end and low end trim required. Rating is per output. |
| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 28 | 10% | 100% | 31% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 42, 70, and 70 for 2, 4, and 6 zone units, respectively. |
| <i>Residential Systems</i> | | | | | | | |
| RadioRA 2 | RRD-10ND | 1 | 12 | 20% | 91% | 45% | Low end trim required. Lower LE light levels can be achieved with longer start times. |

| | | | | | | | |
|---------------------------------|--|---|----|-----|------|-----|--|
| HomeWorks QS | HQRD-6ND | 1 | 12 | 20% | 91% | 45% | Low end trim required. Lower LE light levels can be achieved with longer start times. |
| HomeWorks QS | HQRD-10ND | 1 | 12 | 20% | 91% | 45% | Low end trim required. Lower LE light levels can be achieved with longer start times. |
| RadioRA 2 | RRD-6NA | 1 | 12 | 20% | 93% | 44% | Low end trim required. Lower LE light levels can be achieved with longer start times. Load type not selectable. Evaluated in FP. |
| Homeworks QS | HQRD-6NA | 1 | 12 | 20% | 93% | 44% | Low end trim required. Lower LE light levels can be achieved with longer start times. Load type not selectable. Evaluated in FP. |
| HomeWorks | HxD-6ND | 1 | 21 | 7% | 90% | 27% | Low end trim required. |
| Panel Module | HW/LP-RPM-4A-120 | 1 | 42 | 10% | 100% | 31% | High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 67. |
| Panel Module | HW/LP-RPM-4U-120 | 1 | 68 | 7% | 100% | 26% | High end and low end trim required. Rating is per channel; total per module is 68. |
| Grafik QS | Grafik Eye QS Main Unit Family | 1 | 28 | 10% | 100% | 31% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 70. |
| Panel Module | GP (Harrier) Card | 1 | 68 | 6% | 100% | 25% | High end and low end trim required. Rating is per output. |
| Grafik Eye 3000 | Grafik Eye 3000 Family | 1 | 28 | 10% | 100% | 31% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 42, 70, and 70 for 2, 4, and 6 zone units, respectively. |
| <i>Interfaces⁽³⁾</i> | | | | | | | |
| <i>No applicable results</i> | | | | | | | |
| Notes: | <p>* Identical model numbers with different compatibility codes may have different performance; (L) 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 12 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.*