



LUTRON® Product Report Card

ID 1107

Manufacturer: Osram Sylvania
Model Number Tested: LED16BR40DIMHO827
Other Model Numbers: None

Manufacturer's Description

Type of device:	<u>LED BR40</u>	Control Type:	<u>Forward Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>16.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.14 A</u>	Lumen Output:	<u>1100</u>
Input Frequency:	<u>60Hz</u>		

Lutron Test Results

Date Tested: 19-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	9	10%	92%	31%	Low end trim required.
Maestro	MACL-153M (L)*	1	9	20%	85%	45%	Low end trim required. Slight shimmer near low end may be noticeable.
Maestro Wireless	MRF2-6ND	1	9	20%	93%	44%	Low end trim required. Start time may exceed 1 second.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	9	7%	85%	27%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	18	9%	90%	30%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	37	8%	100%	27%	Testing verified for up to 12 lamps. High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 59.
Panel Module	HW/LP-RPM-4U-120	1	59	8%	100%	28%	Testing verified for up to 12 lamps. High end and low end trim required. Rating is per channel; total per module is 59.
Grafik QS	Grafik Eye QS Main Unit Family	1	24	8%	100%	27%	Testing verified for up to 12 lamps. High end and low end trim required. Rating is per output; total quantity per Main Unit is 60.
Panel Module	GP (Harrier) Card	1	59	8%	100%	28%	Testing verified for up to 12 lamps. High end and low end trim required. Rating is per output.

Grafik Eye 3000	Grafik Eye 3000 Family	1	24	8%	100%	27%	Testing verified for up to 12 lamps. High end and low end trim required. Rating is per output; total quantity per Main Unit is 36, 60, and 60 for 2, 4, and 6 zone units, respectively.
Residential Systems							
RadioRA 2	RRD-10ND	1	9	20%	93%	44%	Low end trim required. Start time may exceed 1 second.
HomeWorks QS	HQRD-6ND	1	9	20%	93%	44%	Low end trim required. Start time may exceed 1 second.
HomeWorks QS	HQRD-10ND	1	9	20%	93%	44%	Low end trim required. Start time may exceed 1 second.
RadioRA 2	RRD-6NA	1	9	20%	91%	45%	Low end trim required. Start time may exceed 1 second. Load type not selectable. Evaluated in FP.
Homeworks QS	HQRD-6NA	1	9	20%	91%	45%	Low end trim required. Start time may exceed 1 second. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	18	9%	90%	30%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	37	8%	100%	27%	Testing verified for up to 12 lamps. High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 59.
Panel Module	HW/LP-RPM-4U-120	1	59	8%	100%	28%	Testing verified for up to 12 lamps. High end and low end trim required. Rating is per channel; total per module is 59.
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Interfaces⁽³⁾							
	PHPM-PA with Grafik Eye QS Main Unit	1		10%	100%	32%	Testing verified for up to 12 lamps. High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1		10%	100%	32%	Testing verified for up to 12 lamps. High end and low end trim required.
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 9 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.*