

Manufacturer: Osram Sylvania
 Model Number Tested: LED18BR40DIM827
 Other Model Numbers: LED18BR40/DIM/827HVP

Manufacturer's Description

Type of device:	<u>LED</u>	Control Type:	<u>Unspecified Phase Control</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>100%-5%</u>
Input Power:	<u>18 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.20 A</u>	Lumen Output:	<u>Not Specified</u>
Input Frequency:	<u>60Hz</u>		

Lutron Test Results

Date Tested: 5-Jun-12
 Figure of Merit: N/A
 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>							
<i>No applicable results</i>							
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	19	15%	100%	39%	High and low end trim required
Panel Module	HW/LP-RPM-4U-120	1	26	11%	100%	33%	High and low end trim required
Grafik QS	Grafik Eye QS Main Unit Family	1	10	14%	100%	37%	Trim setting adjusted based on number of fixtures
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	19	15%	100%	39%	High and low end trim required
Panel Module	HW/LP-RPM-4U-120	1	26	11%	100%	33%	High and low end trim required
HomeWorks	HxD-6ND	1	8	17%	100%	42%	High and low end trim required
Grafik QS	Grafik Eye QS Main Unit Family	1	10	14%	100%	37%	Trim setting adjusted based on number of fixtures
RadioRA 2	RRD-6NA	1	8	20%	100%	45%	Start time about 2 sec. Forward phase control recommended.
<i>Interfaces ⁽³⁾</i>							
	PHPM-PA with QSG-6D	1	32	19%	100%	44%	
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 10 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.