

Manufacturer: GE
Model Number Tested: LED18DP38W1W82725 (LED18DP38@)
89992 LED18DP38W/FL/TP; 90152 LED18DP38W827/15;
90154 LED18DP38W827/25; 94453 LED18DP38W827/40
94484 LED18DP38W830/15; 90159 LED18DP38W830/25
90160 LED18DP38W830/40; 94490 LED18DP38W840/15
Other Model Numbers: 90162 LED18DP38W840/25; 90163 LED18DP38W840/40

Manufacturer's Description

Type of device:	<u>LED 18W PAR38</u>	Control Type:	<u>Forward and Reverse Phase Control</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>20%-100%</u>
Input Power:	<u>18.0 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.22 A</u>	Lumen Output:	<u>1200</u>
Input Frequency:	<u>50Hz/60Hz</u>		

Lutron Test Results

Date Tested: 8-Oct-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>							
Maestro Wireless	MRF2-6ELV	1	8	20%	91%	45%	Start times may exceed one second. Load type not selectable. Evaluated in RP.
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-120	1	66	17%	99%	41%	Start times may exceed one second. Set load type to RP. Rating is per channel; total per module is 105.
Panel Module	HW/LP-RPM-4U-120	1	36	9%	97%	31%	Rating is per channel; total per module is 36.
Grafik QS	Grafik Eye QS Main Unit Family	1	15	10%	96%	31%	Rating is per output; total quantity per Main Unit is 37.
Grafik Eye 3000	Grafik Eye 3000 Family	1	15	10%	96%	31%	Rating is per output; total quantity per Main Unit is 22, 37, and 37 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							
RadioRA 2	RRD-6NA	1	8	20%	91%	45%	Start times may exceed one second. Load type not selectable. Evaluated in RP.
Homeworks QS	HQRD-6NA	1	8	20%	91%	45%	Start times may exceed one second. Load type not selectable. Evaluated in RP.
Panel Module	HW/LP-RPM-4A-120	1	66	17%	99%	41%	Start times may exceed one second. Set load type to RP. Rating is per channel; total per module is 105.
Panel Module	HW/LP-RPM-4U-120	1	36	9%	97%	31%	Rating is per channel; total per module is 36.
Grafik QS	Grafik Eye QS Main Unit Family	1	15	10%	96%	31%	Rating is per output; total quantity per Main Unit is 37.

Grafik Eye 3000	Grafik Eye 3000 Family	1	15	10%	96%	31%	Rating is per output; total quantity per Main Unit is 22, 37, and 37 for 2, 4, and 6 zone units, respectively.
<i>Interfaces</i> ⁽³⁾							
	PHPM-PA with Grafik Eye QS Main Unit	1	36	19%	98%	44%	
	PHPM-WBX with 3-wire fluorescent control	1	36	19%	98%	44%	
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 8 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.