

**Manufacturer:** GE Lighting  
**Model Number Tested:** LED18DP38W1W82725

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 <sup>(1)</sup>		Perceived Low End <sup>(2)</sup>	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Maestro Wireless	MRF2-6ELV	1	44	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	44	20%	91%	45%	Start times may exceed one second. Load type not selectable. Evaluated in RP.
Homeworks QS	HQRD-6NA	1	44	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> <sup>(3)</sup>							
	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.*