



ID: 1755

## Product Report Card

**Manufacturer:** Utilitech  
**Model Number Tested:** LPAR38/LEDG7/2  
 Other Model Numbers:

### Manufacturer's Description

|                                       |  |
|---------------------------------------|--|
| Type of Device: <u>LED 16 W PAR38</u> | Control Type: <u>Forward and Reverse Phase Control</u> |
| Operating Voltage: <u>120</u>         | Dimming Range: <u>Not Specified</u>                    |
| Input Power: <u>16 W</u>              | Output Power: <u>Not Specified</u>                     |
| Input Current: <u>0.13 A</u>          | Lumen Output: <u>950 lm</u>                            |
| Input Frequency: <u>60 Hz</u>         | Type/Shape: <u>PAR38</u>                               |
|                                       | Base Type: <u>E26</u>                                  |

### Lutron Test Results

Date Tested: 05/01/2015  
 Test Voltage: 120 V  
 Test Notes: Test results valid only at 120 V and 60 Hz.

### Lutron Recommended Products

*Lutron products not in this list can be considered to be not recommended, based on our testing.*

| Product                        | Model Number                                    | Control Type <sup>(1)</sup> | Fixtures per Dimmer <sup>(2)</sup> | Measured Dimming Range <sup>(3)</sup><br>(Software Trim Settings) |         | Perceived Low End <sup>(4)</sup> | Comments   |
|--------------------------------|---|-----------------------------|------------------------------------|---|---------|----------------------------------|--|
|                                |   |                             |                                    | Min-Max   | Low End |                                  |  |
| <b>Commercial Systems</b>      |   |                             |                                    |   |         |                                  |  |
| Stanza                         | SZ-6ND  | FP                          | 1 - 7                              | 9%  | 97%     | 30%                              | May experience steppy dimming.   |
| Panel Module                   | HW/LP-RPM-4A-120                                | RP                          | 1 - 59                             | 10%   | 95%     | 32%                              | May experience steppy dimming. Rating is per channel; total per module is 94.  |
| Panel Module                   | HW/LP-RPM-4U-120                                | FP                          | 1 - 34                             | 11%   | 98%     | 33%                              | May experience steppy dimming. Rating is per channel; total per module is 34.  |
| Grafik QS/Wallbox Power Module | Grafik Eye QS Main Unit Family/LQRJ-WPM-6P      | FP                          | 1 - 34                             | 8%  | 95%     | 29%                              | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 85.   |
| Panel Module                   | GP (Harrier) Card                               | FP                          | 1 - 34                             | 9%  | 96%     | 29%                              | May experience steppy dimming. Rating is per output. Use load type 2-1.  |
| Grafik Eye 3000/HomeWorks      | Grafik Eye 3000 Family/HWI-WPM-6D-120           | FP                          | 1 - 34                             | 8%  | 95%     | 29%                              | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 51/63/85/85 for 2/3/4/6-Zone units, respectively. |
| HomeWorksQS/myRoom             | LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V | FP                          | 1 - 6                              | 7%  | 97%     | 27%                              | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 24.   |
| <b>Interfaces</b>              |   |                             |                                    |   |         |                                  |  |
| [none]                         | PHPM-PAwith Grafik Eye QS Main Unit             | RP                          | 1 - 59                             | 8%  | 95%     | 28%                              | May experience steppy dimming.   |
| [none]                         | PHPM-WBXwith 3-wire fluorescent control         | RP                          | 1 - 59                             | 8%  | 95%     | 28%                              | May experience steppy dimming.   |
| <b>Residential Systems</b>     |   |                             |                                    |   |         |                                  |  |
| RadioRA 2                      | RRD-10ND  | FP                          | 1 - 9                              | 11%   | 95%     | 33%                              | May experience steppy dimming.   |
| HomeWorks QS                   | HQRD-10ND                                       | FP                          | 1 - 9                              | 11%   | 95%     | 33%                              | May experience steppy dimming.   |
| RadioRA 2                      | RRD-6NA   | RP                          | 1 - 9                              | 19%   | 97%     | 43%                              | May experience steppy dimming.   |
| HomeWorks QS                   | HQRD-6NA  | RP                          | 1 - 9                              | 19%   | 97%     | 43%                              | May experience steppy dimming.   |
| HomeWorks                      | HxD-6ND   | FP                          | 1 - 7                              | 9%  | 97%     | 30%                              | May experience steppy dimming.   |

| Product                        | Model Number                                    | Control Type | Fixtures per Dimmer | Measured Dimming Range<br>(Software Trim Settings) |          | Perceived Low End | Comments   |
|--------------------------------|---|--------------|---------------------|--|----------|-------------------|--|
|                                |   |              | Min-Max             | Low End  | High End |                   |  |
| Panel Module                   | HW/LP-RPM-4A-120                                | RP           | 1 - 59              | 10%  | 95%      | 32%               | May experience steppy dimming. Rating is per channel; total per module is 94.  |
| Panel Module                   | HW/LP-RPM-4U-120                                | FP           | 1 - 34              | 11%  | 98%      | 33%               | May experience steppy dimming. Rating is per channel; total per module is 34.  |
| Grafik QS/Wallbox Power Module | Grafik Eye QS Main Unit Family/LQRJ-WPM-6P      | FP           | 1 - 34              | 8%   | 95%      | 29%               | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 85.   |
| Panel Module                   | GP (Harrier) Card                               | FP           | 1 - 34              | 9%   | 96%      | 29%               | May experience steppy dimming. Rating is per output. Use load type 2-1.  |
| Grafik Eye 3000/HomeWorks      | Grafik Eye 3000 Family/HWI-WPM-6D-120           | FP           | 1 - 34              | 8%   | 95%      | 29%               | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 51/63/85/85 for 2/3/4/6-Zone units, respectively. |
| RadioRA 2                      | RRD-H6BRL (with neutral)                        | FP           | 1 - 6               | 7%   | 91%      | 26%               | May experience steppy dimming. Installation with a neutral wire is required.   |
| HomeWorks QS                   | HQRD-H6BRL (with neutral)                       | FP           | 1 - 6               | 7%   | 91%      | 26%               | May experience steppy dimming. Installation with a neutral wire is required.   |
| HomeWorksQS/myRoom             | LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V | FP           | 1 - 6               | 7%   | 97%      | 27%               | May experience steppy dimming. Rating is per output; total quantity per Main Unit is 24.   |

#### WallBox Dimmers

|   |                                    |    |        |     |     |     |  |
|---|------------------------------------|----|--------|-----|-----|-----|--|
| Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea | CL wall-mount dimmers (T1, T4, T8) | FP | 1 - 9  | 6%  | 96% | 24% | May experience steppy dimming. Performance may vary with dimmers manufactured before 2013. |
| Maestro   | MACL-153M ( )                      | FP | 1 - 9  | 5%  | 95% | 22% | May experience steppy dimming.   |
| Maestro Wireless                                    | MRF2-6ELV                          | RP | 1 - 9  | 19% | 97% | 43% | May experience steppy dimming. Load type not selectable.                                   |
| Maestro Sensor                                      | MSCL-OP153M (T2)/MSCL-VP153M (T2)  | FP | 1 - 9  | 4%  | 94% | 19% | May experience steppy dimming.   |
| Caseta Wireless                                     | PD-6WCL (SD11)                     | FP | 1 - 9  | 4%  | 94% | 19% | May experience steppy dimming.   |
| Diva/Ariadni  | 250W CL dimmers (T5)               | FP | 1 - 15 | 6%  | 96% | 24% | May experience steppy dimming.   |
| Nova T* 250W  | NTCL-250 (T8)                      | FP | 1 - 15 | 6%  | 96% | 24% | May experience steppy dimming.   |

#### Notes:

- \* Identical model numbers with different compatibility codes may have different performance; ( ) means there is no compatibility code assigned; contact technical support for additional information.
- (1) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details.
- (2) Maximum Fixtures per Dimmer value represents the maximum safe loading of the control.
- (3) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability. Values are set to optimize performance, such as reducing dead travel, ensuring that fixtures turn on at low end, reducing turn-on time at low end, and trimming out instability. Software trim values are indicated in parentheses when applicable.
- (4) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook.
- (5) 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.

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. Please be aware that device manufacturers may modify their product at any time, without notice to Lutron, and therefore Lutron cannot ensure future compatibility. For more detailed and up to date fixture specifications, performance and/or any related recall information, visit the manufacturer's website. The latest Lutron test results can always be found at [www.lutron.com/LEDtool](http://www.lutron.com/LEDtool).