LUTRON®

ID: 1436

# Product Report Card

**Manufacturer:** **Utilitech**
**Model Number Tested:** **BPR16DM/LED**
Other Model Numbers: LR16DM/LED

**Manufacturer's Description**

Type of Device: LED 6.5 W R16
Operating Voltage: 120
Input Power: 6.5 W
Input Current: 0.075 A
Input Frequency: 60 Hz

Control Type: Forward Phase
Dimming Range: Not Specified
Output Power: Not Specified
Lumen Output: 400 lm
Type/Shape: R16
Base Type: E26

**Lutron Test Results**

Date Tested 07/08/2014
Test Voltage 120 V
Test Notes

**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(1) | Fixtures per Dimmer (2) | Measured Dimming Range (3) (Software Trim Settings) | | Perceived Low End (4) | Comments |
|---|---|---|---|---|---|---|---|
| | | | Min-Max | Low End | High End | | |
| *Commercial Systems* | | | | | | | |
| Stanza | SZ-6ND | FP | 1 - 29 | 16% | 100% | 41% | High end and low end trim required. |
| Panel Module | HW/LP-RPM-4U-120 | FP | 1 - 234 | 19% | 100% | 44% | High end and low end trim required. Rating is per channel; total per module is 234. |
| Grafik QS/Wallbox Power Module | Grafik Eye QS Main Unit Family/LQRJ-WPM-6P | FP | 1 - 96 | 20% | 100% | 45% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 240. |
| Panel Module | GP (Harrier) Card | FP | 1 - 95 | 15% | 100% | 38% | High end and low end trim required. Rating is per output. Use load type 2-1. |
| Grafik Eye 3000/HomeWorks | Grafik Eye 3000 Family/HWI-WPM-6D-120 | FP | 1 - 96 | 20% | 100% | 45% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 144/180/240/240 for 2/3/4/6-Zone units, respectively. |
| *Interfaces* | | | | | | | |
| *No applicable results* | | | | | | | |
| *Residential Systems* | | | | | | | |
| HomeWorks | HxD-6ND | FP | 1 - 29 | 16% | 100% | 41% | High end and low end trim required. |
| Panel Module | HW/LP-RPM-4U-120 | FP | 1 - 234 | 19% | 100% | 44% | High end and low end trim required. Rating is per channel; total per module is 234. |
| Grafik QS/Wallbox Power Module | Grafik Eye QS Main Unit Family/LQRJ-WPM-6P | FP | 1 - 96 | 20% | 100% | 45% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 240. |
| Panel Module | GP (Harrier) Card | FP | 1 - 95 | 15% | 100% | 38% | High end and low end trim required. Rating is per output. Use load type 2-1. |
| Grafik Eye 3000/HomeWorks | Grafik Eye 3000 Family/HWI-WPM-6D-120 | FP | 1 - 96 | 20% | 100% | 45% | High end and low end trim required. Rating is per output; total quantity per Main Unit is 144/180/240/240 for 2/3/4/6-Zone units, respectively. |
| *WallBox Dimmers* | | | | | | | |
| Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea | CL wall-mount dimmers (T1, T4) | FP | 1 - 23 | 20% | 100% | 45% | Low end trim required. Performance may vary with dimmers manufactured before 2013. |

| Product | Model Number | Control Type | Fixtures per Dimmer | Measured Dimming Range (Software Trim Settings) | | Perceived Low End | Comments |
|---|---|---|---|---|---|---|---|
| | | | Min-Max | Low End | High End | | |
| Maestro | MACL-153M (_) | FP | 1 - 23 | 13% | 100% | 36% | Low end trim required. |
| Maestro Sensor | MSCL-OP153M (T2)/MSCL-VP153M (T2) | FP | 1 - 23 | 14% | 100% | 37% | Low end trim required. |

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.*