



Product Report Card

Manufacturer: Utilitech
Model Number Tested: LMR16GU10500LED2
 Other Model Numbers: (596922)

Manufacturer's Description

Type of Device: <u>LED 8 W MR16</u>	Control Type: <u>Forward and Reverse Phase Control</u>
Operating Voltage: <u>120</u>	Dimming Range: <u>Not Specified</u>
Input Power: <u>8 W</u>	Output Power: <u>Not Specified</u>
Input Current: <u>0.09 A</u>	Lumen Output: <u>500 lm</u>
Input Frequency: <u>60 Hz</u>	Type/Shape: <u>MR16</u>
	Base Type: <u>GU10</u>

Lutron Test Results

Date Tested: 09/10/2015
 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 ⁽¹⁾	Fixtures per Dimmer ⁽²⁾	Measured Dimming Range ⁽³⁾		Perceived Low End ⁽⁴⁾	Comments
				(Software Trim Settings)			
			Min-Max	Low End	High End		
Commercial Systems							
Stanza	SZ-6ND	FP	1 - 28	17%	93%	41%	Low end trim required. High end trim required.
Panel Module	HW/LP-RPM-4A-120	RP	1 - 39	12%	94%	35%	Low end trim required. High end trim required. Rating is per channel; total per module is 62.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 128	8%	93%	28%	Low end trim required. High end trim required. Rating is per channel; total per module is 128.
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 61	12%	94%	35%	Low end trim required. High end trim required. Rating is per output; total quantity per Main Unit is 152.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 61	12%	94%	35%	Low end trim required. High end trim required. Rating is per output; total quantity per Main Unit is 91/114/152/152 for 2/3/4/6-Zone units, respectively.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V	RP	1 - 9	11%	93%	32%	Low end trim required. Rating is per output; total quantity per Main Unit is 36.
Interfaces							
[none]	PHPM-PAwith Grafik Eye QS Main Unit	RP	1 - 39	6%	94%	24%	Low end trim required.
[none]	PHPM-WBwith 3-wire fluorescent control	RP	1 - 39	6%	94%	24%	Low end trim required.
Residential Systems							
RadioRA 2	RRD-6NA	RP	1 - 18	16%	92%	40%	Low end trim required.
HomeWorks QS	HQRD-6NA	RP	1 - 18	16%	92%	40%	Low end trim required.
HomeWorks	HxD-6ND	FP	1 - 28	17%	93%	41%	Low end trim required. High end trim required.
Panel Module	HW/LP-RPM-4A-120	RP	1 - 39	12%	94%	35%	Low end trim required. High end trim required. Rating is per channel; total per module is 62.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 128	8%	93%	28%	Low end trim required. High end trim required. Rating is per channel; total per module is 128.

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 61	12%	94%	35%	Low end trim required. High end trim required. Rating is per output; total quantity per Main Unit is 152.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 61	12%	94%	35%	Low end trim required. High end trim required. Rating is per output; total quantity per Main Unit is 91/114/152/152 for 2/3/4/6-Zone units, respectively.
RadioRA 2	RRD-6CL (R3)	FP	1 - 18	17%	93%	41%	Low end trim required.
HomeWorks QS	HQRD-6CL (H2)/HQRA-6CL (H2)	FP	1 - 18	17%	93%	41%	Low end trim required.
RadioRA 2	RRD-H6BRL (with neutral)	FP	1 - 12	13%	90%	36%	Low end trim required. Installation with a neutral wire is required.
HomeWorks QS	HQRD-H6BRL (with neutral)	FP	1 - 12	13%	90%	36%	Low end trim required. Installation with a neutral wire is required.
RadioRA 2	RRT-G25LW (R3) without neutral	FP	1 - 31	19%	94%	44%	Low end trim required. 2 lamp minimum required without neutral.
HomeWorks QS	HQRT-G25LW (H2) without neutral	FP	1 - 31	19%	94%	44%	Low end trim required. 2 lamp minimum required without neutral.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V	RP	1 - 9	11%	93%	32%	Low end trim required. Rating is per output; total quantity per Main Unit is 36.

WallBox Dimmers

Diva/SkyLark/SkyLark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T1, T4, T5, T8)	FP	1 - 18	18%	93%	43%	Low end trim required. Performance may vary with dimmers manufactured before 2013.
Maestro	MACL-153M ()	FP	1 - 18	10%	95%	31%	Low end trim required.
Maestro Wireless	MRF2-6ELV	RP	1 - 18	16%	92%	40%	Low end trim required. Load type not selectable.
Maestro Sensor	MSCL-OP153M (T2)/MSCL-VP153M (T2)	FP	1 - 18	6%	95%	25%	Low end trim required.
Caseta Wireless	PD-6WCL (SD11)	FP	2 - 18	11%	94%	32%	Low end trim required.
Maestro Wireless	MRF2-6CL (M6)	FP	1 - 18	17%	93%	41%	Low end trim required.
Diva/Ariadni C250W	250W CL dimmers (T5,T8)	FP	1 - 31	18%	93%	43%	Low end trim required.
Nova T* 250W	NTCL-250 (T8)	FP	1 - 31	18%	93%	43%	Low end trim required.
Grafik T	GT-150 (T6) without neutral	FP	1 - 18	19%	94%	44%	Low end trim required. 2 lamp minimum required without neutral.
Grafik T	GTJ-150 (M6) without neutral	FP	1 - 18	19%	94%	44%	Low end trim required. 2 lamp minimum required without neutral.
Grafik T	GTJ-250M (M6)/GT-250M (T7) without neutral	FP	1 - 31	19%	94%	44%	Low end trim required. 2 lamp minimum required without neutral.

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.