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ID: 3112

Product Report Card

Manufacturer: Fusion - USA

Model Number Tested: FLED15BR40830

Other Model Numbers: FLED15BR40827, FLED15BR40850, FLED15BR40840

Manufacturer's Description

Type of Device: LED 15 W R40

Operating Voltage: 120

Input Power: 15 W

Input Current: 0.125 A

Input Frequency: 60 Hz

Control Type: Forward and Reverse Phase Control

Dimming Range: Not Specified

Output Power: Not Specified

Lumen Output: 1100 lm

Type/Shape: R40

Base Type: E26

Lutron Test Results

Date Tested: 09/20/2017

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							
Panel Module	HW/LP-RPM-4U-120	FP	1 - 38	17%	95%	41%	Rating is per channel; total per module is 38.
Panel Module	GP (Harrier) Card	FP	1 - 38	14%	89%	38%	Rating is per output. Use load type 2-1.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 8	18%	96%	43%	Rating is per output; total quantity per Main Unit is 32.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 16	14%	90%	37%	
Vive	MRF2S-6ELV	RP	1 - 10	17%	91%	41%	
Interfaces							
[none]	PHPM-PAwith Grafik Eye QS Main Unit	RP	1 - 128	14%	96%	38%	
[none]	PHPM-WBXwith 3-wire fluorescent control	RP	1 - 128	14%	96%	38%	
Residential Systems							
RadioRA 2	RRD-6NA	RP	1 - 10	17%	91%	41%	
HomeWorks QS	HQRD-6NA	RP	1 - 10	17%	91%	41%	
Panel Module	HW/LP-RPM-4U-120	FP	1 - 38	17%	95%	41%	Rating is per channel; total per module is 38.
Panel Module	GP (Harrier) Card	FP	1 - 38	14%	89%	38%	Rating is per output. Use load type 2-1.
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 6	13%	93%	37%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 6	13%	93%	37%	Installation with a neutral wire is required.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 8	18%	96%	43%	Rating is per output; total quantity per Main Unit is 32.

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 T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 16	14%	90%	37%	
Homeworks QS	LQSE-4A-120-D, RP	RP	1 - 16	15%	97%	39%	
WallBox Dimmers							
Maestro Wireless	MRF2-6ELV	RP	1 - 10	17%	91%	41%	Load type not selectable.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 16	14%	90%	37%	
Diva/Skylark ContourReverse Phase LED Preset Dimmers	DVRP-253PCTRP-253P	RP	1 - 16	8%	90%	28%	
Nova T*Reverse Phase LEDSlide to-off Dimmer	NTRP-250	RP	1 - 16	15%	90%	39%	
Notes:	<ul style="list-style-type: none"> * 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.