



LUTRON® Product Report Card

ID 1204

Manufacturer: CRS Electronics (Lumenova)
Model Number Tested: QP3827NFCWE

Other Model Numbers: QP3830FLCWE, QP3822SPCW, QP3822NFCW, QP3822FLCW, QP3822SPCB, QP3822NFCB, QP3822FLCB, QP3827SPCWE, QP3827NFCWE, QP3827FLCWE, QP3827SPCBE, QP3827NFCBE, QP3827FLCBE, QP3830SPCWE, QP3830NFCWE, QP3830FLCWE, QP3830SPCBE, QP3830NFCBE, QP3830FLCBE, QP3840SPCWE, QP3840NFCWE, QP3840FLCWE, QP3840SPCBE, QP3840NFCBE, QP3840FLCBE

Manufacturer's Description

Type of device: LED Lumenova 18W PAR38
 Operating voltage: 120V
 Input Power: 18.0 W
 Input Current: 0.16 A
 Input Frequency: 60Hz

Control Type: Forward and Reverse Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 1550

Lutron Test Results

Date Tested: 13-Nov-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 ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	8	7%	97%	26%	Performance may differ with controls manufactured prior to 2013. Low end trim required.
Maestro	MACL-153M (L)*	1	8	19%	89%	43%	Low end trim required.
Maestro Wireless	MRF2-6ND	1	8	19%	100%	44%	Start time at low end may exceed 1 second. Low end trim required.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	8	19%	94%	44%	Low end trim required.
<i>Commercial Systems</i>							
Stanza	SZ-6ND	1	9	16%	100%	40%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	24	16%	99%	40%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 38.
Panel Module	HW/LP-RPM-4U-120	1	29	18%	100%	42%	High end and low end trim required. Rating is per channel; total per module is 29.
Grafik QS	Grafik Eye QS Main Unit Family	1	12	16%	100%	40%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 30.
Grafik Eye 3000	Grafik Eye 3000 Family	1	12	16%	100%	40%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 18, 30, and 30 for 2, 4, and 6 zone units, respectively.
<i>Residential Systems</i>							

RadioRA 2	RRD-10ND	1	8	19%	100%	44%	Start time at low end may exceed 1 second. Low end trim required.
HomeWorks QS	HQRD-6ND	1	8	19%	100%	44%	Start time at low end may exceed 1 second. Low end trim required.
HomeWorks QS	HQRD-10ND	1	8	19%	100%	44%	Start time at low end may exceed 1 second. Low end trim required.
HomeWorks	HxD-6ND	1	9	16%	100%	40%	High end and low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	24	16%	99%	40%	High end and low end trim required. Set load type to RP. Rating is per channel; total per module is 38.
Panel Module	HW/LP-RPM-4U-120	1	29	18%	100%	42%	High end and low end trim required. Rating is per channel; total per module is 29.
Grafik QS	Grafik Eye QS Main Unit Family	1	12	16%	100%	40%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 30.
Grafik Eye 3000	Grafik Eye 3000 Family	1	12	16%	100%	40%	High end and low end trim required. Rating is per output; total quantity per Main Unit is 18, 30, and 30 for 2, 4, and 6 zone units, respectively.
Interfaces⁽³⁾							
	PHPM-PA with Grafik Eye QS Main Unit	1	39	19%	100%	44%	Start time at low end may exceed 1 second. High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1	39	19%	100%	44%	Start time at low end may exceed 1 second. High end and low end trim required.
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.