



ID: 3938

Product Report Card

Manufacturer: Lotus LED Lights

Model Number Tested: LY82RCD

Other Model Numbers:

Manufacturer's Description

Type of Device: LED 33 W Downlight

Operating Voltage: 120

Input Power: 33 W

Input Current: Not Specified

Input Frequency: 60 Hz

Control Type: Forward and Reverse Phase Control

Dimming Range: Not Specified

Output Power: Not Specified

Lumen Output: 2500 lm

Type/Shape: Downlight

Base Type: N/A

Lutron Test Results

Date Tested 07/05/2019

Test Voltage 120 V

Test Notes Test results valid only at 120V 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⁾ (Software Trim Settings)		Perceived Low End ⁽⁴⁾	Comments
			Min-Max	Low End	High End		
<i>Commercial Systems</i>							
Stanza	SZ-6ND	FP	1 - 9	20%	100%	44%	
Panel Module	HW/LP-RPM-4U-120	FP	1 - 41	20%	97%	45%	Rating is per channel; total per module is 41.
Panel Module	GP (Harrier) Card	FP	1 - 41	20%	99%	45%	Rating is per output. Use load type 2-1.
Vive	MRF2S-6ND	FP	1 - 4	20%	99%	44%	
Vive	MRF2S-6CL	FP	1 - 4	20%	100%	44%	
<i>Interfaces</i>							
<i>No applicable results</i>							
<i>Residential Systems</i>							
RadioRA 2	RRD-10ND	FP	1 - 4	20%	99%	44%	
HomeWorks QS	HQRD-6ND	FP	1 - 4	20%	99%	44%	
HomeWorks QS	HQRD-10ND	FP	1 - 4	20%	99%	44%	
HomeWorks	HxD-6ND	FP	1 - 9	20%	100%	44%	
Panel Module	HW/LP-RPM-4U-120	FP	1 - 41	20%	97%	45%	Rating is per channel; total per module is 41.

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		
Panel Module	GP (Harrier) Card	FP	1 - 41	20%	99%	45%	Rating is per output. Use load type 2-1.
RadioRA 2	RRD-6CL (R3)	FP	1 - 4	20%	100%	44%	
HomeWorks QS	HQRD-6CL (H2)/HQRA-6CL (H2)	FP	1 - 4	20%	100%	44%	
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 3	20%	97%	44%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 3	20%	97%	44%	Installation with a neutral wire is required.
RadioRA 2	RRT-G25LW (R3) without neutral	FP	1 - 7	20%	99%	44%	2 lamp minimum required without neutral.
HomeWorks QS	HQRT-G25LW (H2) without neutral	FP	1 - 7	20%	99%	44%	2 lamp minimum required without neutral.

WallBox Dimmers

Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T8, T9)	FP	1 - 4	20%	100%	45%	
Maestro Wireless	MRF2-6ND	FP	1 - 4	20%	99%	44%	
Maestro Wireless	MRF2-6CL (M6)	FP	1 - 4	20%	100%	44%	
Diva/Ariadni C250W	250W CL dimmers (T5,T8)	FP	1 - 7	20%	100%	45%	
Nova T* 250W	NTCL-250 (T8)	FP	1 - 7	20%	100%	45%	Gen 2
Grafik T	GT-150 (T6) without neutral	FP	1 - 4	20%	99%	44%	2 lamp minimum required without neutral.
Grafik T	GTJ-150 (M6) without neutral	FP	1 - 4	20%	99%	44%	2 lamp minimum required without neutral.
Grafik T	GTJ-250M (M6)/GT-250M (T7) without neutral	FP	1 - 7	20%	99%	44%	2 lamp minimum required without neutral.
Skylark Contour Slide to-off	CTCL-150	FP	1 - 4	20%	100%	45%	
Maestro	MACL-LFQ	FP	1 - 2	20%	100%	45%	
Lumea Slide-to-Off	LECL-150H	FP	1 - 4	20%	100%	45%	
Maestro C•L Pro	MA-PRO without neutral	FP	1 - 7	19%	100%	44%	
Maestro C•L Pro	MA-PRO with neutral	FP	1 - 7	19%	100%	44%	
Maestro C•L Pro	MA-PRO with neutral	RP	1 - 7	9%	88%	29%	

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		
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.