



LED Product Report Card

Manufacturer: Cree
 Applicable Model Numbers: LR4E-15, LR4E-15C, LR4E-30, LR4E-30C

Manufacturer's Description

Type of Fixture: Recessed Downlight
 Operating Voltage: 120 Vac
 Input Power: Model LR4E-15(C) 10.5 W / Model LR4E-30(C): 11.1 W
 Current: Not Specified
 Frequency: 60 Hz
 Control Types: Standard Incandescent Dimming
 Dimming Range: 20% - 100% (single fixture)
 Output Power: N/A
 Lumens: Model LR4E-15(C): 540 lumens
 Model LR4E-30(C): 515 lumens

Lutron Test Results

Date Tested: Feb 25, 2009 Updated: June 10, 2011
 Model Number Tested: LR4E-15
 Smooth and Continuous: Yes
 Test Notes:

Lutron Recommended Compatible Products

Product	Part Number	Fixtures per Dimmer	Measured Light Output Range ⁽¹⁾	Comments
Maestro Wireless	MRF2-6ND	1 – 8	22% - 90%	Low-end trim available
RadioRA2	RRD-10ND	1 – 12	22% - 90%	Low-end trim available
	RRD-8ANS	1 – 12	100%	
Homeworks	HRD-6ND HWD-6ND	1 – 8	21% - 84%	Low-end trim available
	HW-RPM-4A-120	1 – 16 per output	23% - 100%	Max. 25 fixtures per module Low-end trim available
Commercial Systems	120V Grafik Eye QS Main Unit	1 – 10 per output	20% - 100%	Max. 25 fixtures per unit Low-end trim available
	LP-RPM-4A-120	1 – 16 per output	23% - 100%	Max. 25 fixtures per module Low-end trim available
Interfaces	FDI-FTU ⁽²⁾	1 – 16	23% - 96%	Low-end trim available

⁽¹⁾ Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full capability

⁽²⁾ Controlled with Ariadni, Diva, Lyneo Lx, Nova, Nova T*, Skylark, Vareo, or Vierti VT-1000MN dimmers.

Comments: Due to a high Repetitive Peak Current spike, each fixture should be perceived as 75 W for dimmer loading purposes. The high current spike of a single fixture may create acoustic noise in the dimmer, which will increase as fixtures are added to the systems. A single fixture can be dimmed to 20%. However, the low end would need to be raised to provide consistent operation of multiple fixtures, as well as, help maintain the fixtures' operation in applications where line noise is a problem. This higher low-end value would set the low-end output nearer to 25%.

The ability to set the low-end trim is available on select 3-Wire Fluorescent dimmers, Homeworks, and Commercial Systems products. Refer to product documentation or www.lutron.com for details.