

Manufacturer: Cree
Model Number Tested: CE-JB6-650L-27K-E26
Other Model Numbers: 340-286, JB4-600L-27K, 445-520

Manufacturer's Description

Type of device:	<u>LED 6" retrofit downlight</u>	Control Type:	<u>Forward Phase (including MLV)</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>12.5 W</u>	Output Power:	<u>Not Specified</u>
Input Current:	<u>0.11 A</u>	Lumen Output:	<u>Not Specified</u>
Input Frequency:	<u>60Hz</u>		

Lutron Test Results

Date Tested: 20-Feb-13
 Test Voltage: 120 V
 Test Notes: None

Lutron Recommended Compatible Products

Lutron products not in this list can be considered to be not compatible, 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		
Wallbox Dimmers							
Diva/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers	1	12	14%	100%	38%	
Maestro	MACL-153M	1	12	14%	98%	38%	
Commercial Systems							
Stanza	SZ-6ND	1	7	16%	100%	40%	
Panel Module	HW/LP-RPM-4A-120	1	14	19%	100%	44%	High end trim required. Set load type to FP. Rating is per channel; total per module is 22.
Panel Module	HW/LP-RPM-4U-120	1	22	20%	100%	45%	High end trim required. Rating is per channel; total per module is 22.
Grafik QS	Grafik Eye QS Main Unit Family	1	9	20%	100%	45%	High end trim required. Rating is per output; total per Main Unit is 22.
Panel Module	GP (Harrier) Card	1	22	20%	100%	45%	High end trim required. Rating is per output.
Residential Systems							
RadioRA 2	RRD-10ND	1	11	19%	100%	44%	
HomeWorks QS	HQRD-10ND	1	11	19%	100%	44%	
HomeWorks	HxD-6ND	1	7	16%	100%	40%	
Panel Module	HW/LP-RPM-4A-120	1	14	19%	100%	44%	High end trim required. Set load type to FP. Rating is per channel; total per module is 22.
Panel Module	HW/LP-RPM-4U-120	1	22	20%	100%	45%	High end trim required. Rating is per channel; total per module is 22.
Grafik QS	Grafik Eye QS Main Unit Family	1	9	20%	100%	45%	High end trim required. Rating is per output; total per Main Unit is 22.
Panel Module	GP (Harrier) Card	1	22	20%	100%	45%	High end trim required. Rating is per output.
Interfaces ⁽³⁾							
<i>No applicable results</i>							
Notes:	(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 (2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook (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						

Test Comments: Performance verified with up to 12 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. Low end trim required. Slight buzzing of lamps may be noticed.

*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.*