

**Manufacturer:** Philips Electronics UK Limited

**Model Number Tested:** 9290002134

**Other Model Numbers:** D 8-50W CRI90 GU10 2700 K 25D GU10 1400 25 330 41 6 90 2700 68227100

**Manufacturer's Description**

Type of device: LED 8W PAR16  
 Operating voltage: 240V  
 Input Power: 8.0 W  
 Input Current: 0.04 A  
 Input Frequency: 50Hz

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

**Lutron Test Results**

Date Tested: 18-Nov-13  
 Test Voltage: 240 V  
 Test Notes: Performance evaluated only at 240V, 50 Hz

**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 <sup>(1)</sup>		Perceived Low End <sup>(2)</sup>	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
<i>No applicable results</i>							
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4A-230	1	62	7%	98%	26%	Discrete levels of light during dimming up or down. Set load type to RP. Rating is per channel; total per module is 62.
Panel Module	HW/LP-RPM-4U-230-CE	1	34	8%	97%	29%	Discrete levels of light during dimming up or down. Rating is per channel; total per module is 34.
Panel Module	GP (Harrier) Card	1	42	8%	98%	28%	Discrete levels of light during dimming up or down. Rating is per output.
Grafik QS	Grafik Eye QS Main Unit Family, 240V	1	5	6%	98%	25%	Discrete levels of light dimming up or down. Rating is per output; total quantity per Main Unit is 15/20/23 for 3/4/6-Zone units, respectively.
Grafik Eye	GRX-3104-CE	1	8	8%	98%	28%	Discrete changes in light level dimming up and down. Rating is per output; total quantity per Main Unit is 16/23/23/23 for 2/3/4/6-Zone units, respectively.
Homeworks QS / ESN Phase Adaptive	LQSE-4A-D ( )*/ QSNE-4A-D ( )*	1	18	8%	99%	28%	Discrete levels of light during dimming up or down. Set load type to FP. Rating is for Zone 1. Rating for Zone 2-4 is 18.
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-230	1	62	7%	98%	26%	Discrete levels of light during dimming up or down. Set load type to RP. Rating is per channel; total per module is 62.
Panel Module	HW/LP-RPM-4U-230-CE	1	34	8%	97%	29%	Discrete levels of light during dimming up or down. Rating is per channel; total per module is 34.

Panel Module	GP (Harrier) Card	1	42	8%	98%	28%	Discrete levels of light during dimming up or down. Rating is per output.
Homeworks QS / ESN Phase Adaptive	LQSE-4A-D ( )*/ QSNE-4A-D ( )*	1	18	8%	99%	28%	Discrete levels of light during dimming up or down. Set load type to FP. Rating is for Zone 1. Rating for Zone 2-4 is 18.
<b>Interfaces<sup>(3)</sup></b>							
	NGRX-ELVI-CE	1	32	7%	98%	26%	Discrete levels of light during dimming up or down.
	NGRX-PB-CE	1	11	7%	97%	27%	Discrete levels of light during dimming up or down.
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 18 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.*