

Manufacturer: Philips
Model Number Tested: 9290002591
 Other Model Numbers: 9290002588, 9290002590

Manufacturer's Description

Type of device: LED 14.5 W E27 PAR 38
 Operating voltage: 240V
 Input Power: 14.5 W
 Input Current: 0.07 A
 Input Frequency: 50Hz

Control Type: Forward and Reverse Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 900 lm
 Type/Shape: PAR38
 Base Type: E27

Lutron Test Results

Date Tested: 12-Feb-14
 Test Voltage: 240 V
 Test Notes: Test results valid only at 240V 50Hz.

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 ⁽³⁾
		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	20	7%	98%	27%	Set load type to RP. Rating is per channel; total per module is 20.
Panel Module	HW/LP-RPM-4U-230-CE	1	25	6%	98%	24%	Rating is per channel; total per module is 32.
Panel Module	GP (Harrier) Card	1	40	6%	99%	24%	Rating is per output.
Grafik QS	Grafik Eye QS Main Unit Family, 240V	1	5	9%	100%	30%	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	10%	98%	31%	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	9	3%	100%	18%	Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 9.
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4A-230	1	20	7%	98%	27%	Set load type to RP. Rating is per channel; total per module is 20.
Panel Module	HW/LP-RPM-4U-230-CE	1	25	6%	98%	24%	Rating is per channel; total per module is 32.
Panel Module	GP (Harrier) Card	1	40	6%	99%	24%	Rating is per output.
Homeworks QS/ ESN Phase Adaptive	LQSE-4A-D ()*/ QSNE-4A-D ()*	1	9	3%	100%	18%	Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 9.
<i>Interfaces⁽⁴⁾</i>							
	NGRX-ELVI-CE	1	12	8%	99%	28%	
	NGRX-PB-CE	1	12	6%	94%	25%	

Notes:	* 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) 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) Load types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details. (4) 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
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Test Comments: Performance verified with up to 10 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.