

[No product image available]



ID: 3066

## Product Report Card

**Manufacturer:** Philips  
**Model Number Tested:** 9290013157  
 Other Model Numbers:

### Manufacturer's Description

Type of Device: LED 5 W G25 Control Type: Forward and Reverse Phase Control  
 Operating Voltage: 120 Dimming Range: Not Specified  
 Input Power: 5 W Output Power: Not Specified  
 Input Current: 0.045 A Lumen Output: 350 lm  
 Input Frequency: 60 Hz Type/Shape: G25  
 Base Type: E26

### Lutron Test Results

Date Tested: 08/15/2017  
 Test Voltage: 120 V  
 Test Notes: Test results valid only at 120 V 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 <sup>(1)</sup>	Fixtures per Dimmer <sup>(2)</sup>	Measured Dimming Range <sup>(3)</sup> (Software Trim Settings)		Perceived Low End <sup>(4)</sup>	Comments
				Min-Max	Low End High End		
<b>Commercial Systems</b>							
Stanza	SZ-6ND	FP	1 - 60	8%	90%	28%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 240	7%	90%	27%	Rating is per channel; total per module is 384.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 273	9%	90%	30%	Rating is per channel; total per module is 273.
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 160	10%	90%	31%	Rating is per output; total quantity per Main Unit is 400.
Panel Module	GP (Harrier) Card	FP	1 - 273	10%	90%	32%	Rating is per output. Use load type 2-1.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 160	10%	90%	31%	Rating is per output; total quantity per Main Unit is 240/300/400/400 for 2/3/4/6-Zone units, respectively.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 24	9%	91%	30%	Rating is per output; total quantity per Main Unit is 96.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 50	5%	91%	23%	
Vive	MRF2S-6ND	FP	1 - 30	13%	91%	37%	
Vive	MRF2S-6ELV	RP	1 - 30	16%	95%	40%	
<b>Interfaces</b>							
[none]	PHPM-PAwith Grafik Eye QS Main Unit	RP	1 - 384	8%	91%	28%	
[none]	PHPM-WBXwith 3-wire fluorescent control	RP	1 - 384	8%	91%	28%	
<b>Residential Systems</b>							
RadioRA 2	RRD-10ND	FP	1 - 30	13%	91%	37%	
HomeWorks QS	HQRD-6ND	FP	1 - 30	13%	91%	37%	
HomeWorks QS	HQRD-10ND	FP	1 - 30	13%	91%	37%	
RadioRA 2	RRD-6NA	RP	1 - 30	16%	95%	40%	

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
HomeWorks QS	HQRD-6NA	RP	1 - 30	16%	95%	40%	
HomeWorks	HxD-6ND	FP	1 - 60	8%	90%	28%	
RadioRA 2	RRD-3LD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
HomeWorks QS	HQR-3LD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
RadioRA 2	RRD-3PD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
HomeWorks QS	HQR-3PD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
Panel Module	HW/LP-RPM-4A-120	RP	1 - 240	7%	90%	27%	Rating is per channel; total per module is 384.
Panel Module	HW/LP-RPM-4U-120	FP	1 - 273	9%	90%	30%	Rating is per channel; total per module is 273.
Grafik QS/Wallbox Power Module	Grafik Eye QS Main Unit Family/LQRJ-WPM-6P	FP	1 - 160	10%	90%	31%	Rating is per output; total quantity per Main Unit is 400.
Panel Module	GP (Harrier) Card	FP	1 - 273	10%	90%	32%	Rating is per output. Use load type 2-1.
Grafik Eye 3000/HomeWorks	Grafik Eye 3000 Family/HWI-WPM-6D-120	FP	1 - 160	10%	90%	31%	Rating is per output; total quantity per Main Unit is 240/300/400/400 for 2/3/4/6-Zone units, respectively.
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 20	5%	93%	22%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 20	5%	93%	22%	Installation with a neutral wire is required.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP	RP	1 - 24	9%	91%	30%	Rating is per output; total quantity per Main Unit is 96.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 50	5%	91%	23%	

**WallBox Dimmers**

Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T8, T9)	FP	1 - 30	5%	95%	22%	
Maestro	MACL-153M (TX)	FP	1 - 30	7%	96%	27%	
Maestro Wireless	MRF2-6ND	FP	1 - 30	13%	91%	37%	
Maestro Wireless	MRF2-6ELV	RP	1 - 30	16%	95%	40%	Load type not selectable.
Maestro Wireless	MRF2-3LD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
Maestro Wireless	MRF2-3PD	FP	1 - 20	10%	92%	32%	Performance verified with up to 5 fixtures.
Maestro Sensor	MSCL-OP153M (T2)/MSCL-VP153M (T2)	FP	1 - 30	6%	93%	25%	
Caseta Wireless	PD-6WCL (SD11)	FP	1 - 30	8%	96%	28%	
Caseta Wireless	PD-3PCL (SD11)	FP	1 - 20	7%	93%	26%	Performance verified with up to 4 fixtures.
Diva/Ariadni C250W	250W CL dimmers (T5,T8)	FP	1 - 50	5%	95%	22%	
Nova T* 250W	NTCL-250 (T8)	FP	1 - 50	5%	95%	22%	
Caseta Wireless	PD-10NXD (SD11) without neutral	FP	1 - 50	8%	96%	28%	
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 50	5%	91%	23%	
Skylark Contour Slide to-off	CTCL-150	FP	1 - 30	5%	95%	22%	
Caseta WirelessPhase Selectable	PD-5NE	RP	1 - 50	7%	91%	26%	

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) 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.