LUTRON®

ID: 3751

Product Report Card

Manufacturer: **Photonstar**
Model Number Tested: **ECO600+30-MW-UNI**
Other Model Numbers: ECO600+40-MW-UNI, ECO600+27-MW-UNI

Manufacturer's Description

Type of Device: LED 5.8 W Downlight
Operating Voltage: 240
Input Power: 5.8 W
Input Current: Not Specified
Input Frequency: 50 Hz

Control Type: Forward and Reverse Phase Control
Dimming Range: Not Specified
Output Power: Not Specified
Lumen Output: 600 lm
Type/Shape: Downlight
Base Type: E27

Lutron Test Results

Date Tested: 10/11/2018
Test Voltage: 240 V
Test Notes: Test results valid with Photonstar model 6W-DRV-2-DIM-350 power supply. Test results valid only at 240V and 50 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(1)	Fixtures per Dimmer (2)	Measured Dimming Range (3) (Software Trim Settings)		Perceived Low End (4)	Comments
			Min-Max	Low End	High End		
Commercial Systems							
Panel Module	GP (Harrier) Card	FP	1 - 662	9%	94%	30%	Rating is per output. Use load type 2-1.
HomeWorks QS/ESN Phase Adaptive	LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2)	RP	1 - 155	9%	97%	30%	Rating is per zone. Performance may vary with dimmers manufactured before March 2014.
HomeWorks QS/ESN Phase Adaptive	LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2)	FP	1 - 155	10%	94%	32%	Rating is per zone. Performance may vary with dimmers manufactured before March 2014.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 240V, FP	FP	1 - 41	10%	95%	32%	
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 240V, RP	RP	1 - 41	9%	94%	30%	

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
Grafik Integrale	GXI-3104	RP	1 - 137	8%	98%	28%	Need per output and total per module comment. Rating is per channel; total per module is 40.
Interfaces							
Load Interfaces	NGRX-ELVI-CE with Grafik Eye QS Main Unit, 240V	RP	1 - 206	10%	88%	31%	
Load Interfaces	NGRX-PB-CE with Grafik Eye QS Main Unit, 240V	FP	1 - 206	8%	91%	28%	
Residential Systems							
Panel Module	GP (Harrier) Card	FP	1 - 662	9%	94%	30%	Rating is per output. Use load type 2-1.
HomeWorks QS/ESN Phase Adaptive	LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2)	RP	1 - 155	9%	97%	30%	Rating is per zone. Performance may vary with dimmers manufactured before March 2014.
HomeWorks QS/ESN Phase Adaptive	LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2)	FP	1 - 155	10%	94%	32%	Rating is per zone. Performance may vary with dimmers manufactured before March 2014.
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 240V, FP	FP	1 - 41	10%	95%	32%	
HomeWorksQS/myRoom	LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 240V, RP	RP	1 - 41	9%	94%	30%	
RA2 Select	RRK-R25NE-240	RP	1 - 43	9%	92%	30%	
Homeworks QS	HQRK-R25NE-240	RP	1 - 43	9%	92%	30%	
Homeworks QS	HQRM-R25NE-240	RP	1 - 43	9%	92%	30%	
WallBox Dimmers							
No applicable results							

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.
This information was posted with the consent and cooperation of the device manufacturer. Please be aware that device manufacturers may modify their product at any time, without notice to Lutron, and therefore Lutron cannot ensure future compatibility. For more detailed and up to date fixture specifications, performance and/or any related recall information, visit the manufacturer's website. The latest Lutron test results can always be found at www.lutron.com/LEDtool.