



LUTRON® Product Report Card

ID 1290

Manufacturer: Knightsbridge
Model Number Tested: VFRCOBXW

Other Model Numbers: VFRCOBWW. VFRCOBCW1. VFRCOBWW1 VFRCOBCW2. VFRCOBWW2 VFRCOBCW3. VFRCOBWW3

Manufacturer's Description

Type of device: LED 7 W Downlight
 Operating voltage: 240V
 Input Power: 7.0 W
 Input Current: 0.05 A
 Input Frequency: 50Hz/60Hz

Control Type: Forward and Reverse Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: Not Specified
 Type/Shape: Downlight
 Base Type: N/A

Lutron Test Results

Date Tested: 6-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 | 100 | 18% | 95% | 42% | Start time may exceed one second. High end trim required. Set load type to RP. Rating is per channel; total per module is 100. |
| Panel Module | HW/LP-RPM-4U-230-CE | 1 | 125 | 19% | 95% | 44% | Start time may exceed one second. Rating is per channel; total per module is 162. |
| Panel Module | GP (Harrier) Card | 1 | 200 | 20% | 95% | 44% | Rating is per output. |
| Homeworks QS/ESN Phase Adaptive | LQSE-4A-D ()*/QSNE-4A-D ()* | 1 | 44 | 8% | 94% | 29% | Start time may exceed one second. Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 44. |
| <i>Residential Systems</i> | | | | | | | |
| Panel Module | HW/LP-RPM-4A-230 | 1 | 100 | 18% | 95% | 42% | Start time may exceed one second. High end trim required. Set load type to RP. Rating is per channel; total per module is 100. |
| Panel Module | HW/LP-RPM-4U-230-CE | 1 | 125 | 19% | 95% | 44% | Start time may exceed one second. Rating is per channel; total per module is 162. |
| Panel Module | GP (Harrier) Card | 1 | 200 | 20% | 95% | 44% | Rating is per output. |
| Homeworks QS/ESN Phase Adaptive | LQSE-4A-D ()*/QSNE-4A-D ()* | 1 | 44 | 8% | 94% | 29% | Start time may exceed one second. Set load type to RP. Rating is for Zone 1. Rating for Zones 2-4 is 44. |
| <i>Interfaces⁽⁴⁾</i> | | | | | | | |

| | | | | | | | |
|--------|--|---|----|-----|-----|-----|-------------------------|
| | NGRX-PB-CE | 1 | 62 | 19% | 93% | 43% | High end trim required. |
| 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) Load types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details.</p> <p>(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</p> | | | | | | |

Test Comments: Performance verified with up to 21 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.