



Product Report Card

Manufacturer: Collingwood
Model Number Tested: DLE5245500
 Other Model Numbers: DLE5245500EM

Manufacturer's Description

Type of Device: LED 7 W 2" Downlight
 Operating Voltage: 240
 Input Power: 7 W
 Input Current: 0.125 A
 Input Frequency: 50 Hz

Control Type: Forward and Reverse Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: Not Specified
 Type/Shape: 2" Downlight
 Base Type:

Lutron Test Results

Date Tested: 10/14/2022
 Test Voltage: 240 V
 Test Notes: 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 | | | | | | | |
| HomeWorks QS/ESN Phase Adaptive | LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2) | RP | 1 - 35 | 4% | 100% | 20% | Rating is per zone. Performance may vary with dimmers manufactured before March 2014. |
| Vive | RMKS-250NE RMMS-250NE RMQS-250NE RMNS-250NE | RP | 1 - 21 | 2% | 100% | 14% | |
| Interfaces | | | | | | | |
| <i>No applicable results</i> | | | | | | | |
| Residential Systems | | | | | | | |
| HomeWorks QS/ESN Phase Adaptive | LQSE-4A-D (Gen. 2)/QSNE-4A-D (Gen. 2) | RP | 1 - 35 | 4% | 100% | 20% | Rating is per zone. Performance may vary with dimmers manufactured before March 2014. |
| RA2 Select | RRK-R25NE-240 RRM-R25NE-240 RRQ-R25NE-240 RRN-R25NE-240 | RP | 1 - 21 | 2% | 100% | 14% | |

| 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 | | |
| Homeworks QS | HQRK-R25NE-240 HQRM-R25NE-240 HQRQ-R25NE-240 HQRN-R25NE-240 | RP | 1 - 21 | 2% | 100% | 14% | |
| RA2 Select | RRx-P20-240y | RP | 1 - 21 | 2% | 100% | 14% | |
| HomeWorks | HQRx-P20-240y | RP | 1 - 21 | 2% | 100% | 14% | |

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.