



Product Report Card

Manufacturer: Cree
Model Number TRDL6-1604000FH50-12DE26-1-11
Tested:
 Other Model CR6T-1600L-27K-12-E26GU24, CR6T-1600L-30K-12-E26GU24, CR6T-1600L-35K-12-
 Numbers: E26GU24, CR6T-1600L-40K-12-E26GU24

Manufacturer's Description

| | |
|--|--|
| Type of Device: <u>LED 21 W 6" Downlight</u> | Control Type: <u>Forward and Reverse Phase Control</u> |
| Operating Voltage: <u>120</u> | Dimming Range: <u>Not Specified</u> |
| Input Power: <u>21 W</u> | Output Power: <u>Not Specified</u> |
| Input Current: <u>0.175 A</u> | Lumen Output: <u>1600 lm</u> |
| Input Frequency: <u>60 Hz</u> | Type/Shape: <u>6" Downlight</u> |
| | Base Type: <u>N/A</u> |

Lutron Test Results

Date Tested 06/18/2018
 Test Voltage 120 V
 Test Notes Test results valid only at 120V 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 ⁽¹⁾ | Fixtures per Dimmer ⁽²⁾ | Measured Dimming Range ⁽³⁾ (Software Trim Settings) | | Perceived Low End ⁽⁴⁾ | Comments |
|----------------------------|---|-----------------------------|------------------------------------|--|----------|----------------------------------|----------|
| | | | Min-Max | Low End | High End | | |
| <i>Commercial Systems</i> | | | | | | | |
| HomeWorksQS/myRoom | LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP | RP | 1 - 5 | 9% | 98% | 30% | |
| <i>Interfaces</i> | | | | | | | |
| Power Modules | PHPM-PAwith Grafik Eye QS Main Unit | RP | 1 - 30 | 10% | 99% | 32% | |
| Power Modules | PHPM-WBXwith 3-wire fluorescent control | RP | 1 - 30 | 10% | 99% | 32% | |
| <i>Residential Systems</i> | | | | | | | |

| Product | Model Number | Control Type | Fixtures per Dimmer | Measured Dimming Range (Software Trim Settings) | | Perceived Low End | Comments |
|--------------------|---|--------------|---------------------|---|----------|-------------------|----------|
| | | | Min-Max | Low End | High End | | |
| HomeWorksQS/myRoom | LQSE-4A1-D/MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D, 120V, RP | RP | 1 - 5 | 9% | 98% | 30% | |
| Homeworks QS | LQSE-4A-120-D, RP | RP | 1 - 5 | 10% | 99% | 31% | |

WallBox Dimmers

| | | | | | | | |
|--|--------------------|----|--------|-----|------|-----|--|
| Diva/Skylark ContourReverse Phase LED Preset Dimmers | DVRP-253PCTRP-253P | RP | 1 - 11 | 10% | 100% | 31% | |
| Nova T*Reverse Phase LEDSlide to-off Dimmer | NTRP-250 | RP | 1 - 11 | 15% | 100% | 39% | |

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.