



LUTRON® Product Report Card

ID 2488

Manufacturer: EATON
Model Number Tested: LD4B20D010TR
Other Model Numbers: LD4B20D010TREM14, LD4B20D010TREM7, LD4B20D010TREMBOD, LD4B20D010TRIEM14, LD4B20D010TRIEM7, LD4B20D010TRIEMBOD

Manufacturer's Description

Type of device:	<u>LED 25 W Downlight</u>	Control Type:	<u>Forward Phase</u>
Operating voltage:	<u>120V</u>	Dimming Range:	<u>Not Specified</u>
Input Power:	<u>25.0 W</u>	Output Power:	<u>21.0 W</u>
Input Current:	<u>0.60 A</u>	Lumen Output:	<u>2000 lm</u>
Input Frequency:	<u>60 Hz/50 Hz</u>	Type/Shape:	<u>Downlight</u>
		Base Type:	<u>Not Specified</u>

Lutron Test Results

Date Tested: 7-Oct-16
 Test Voltage: 120 V
 Test Notes: Performance verified with up to 6 fixtures per control. Test results valid only with a XEL-030DEU-CX500-042-DNT02 driver and 1 EU6B30508035 LED Module per driver.
 Test results valid only at 120 volts and 60Hz.

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⁾ Min-Max	Measured Dimming Range ⁽³⁾ (Software Trim Settings)		Perceived Low End ⁽⁴⁾	Comments
				Low End	High End		
Wallbox Dimmers							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler/ Lumea	C-L wall-mount dimmers (T8, T9)*	FP	1 - 6	15%	99%	39%	
Maestro	MACL-153M (L)*	FP	1 - 6	18%	93%	43%	
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	FP	1 - 6	17%	94%	41%	
Caseta Wireless	PD-6WCL (SD11)*	FP	1 - 6	16%	95%	40%	
Maestro Wireless	MRF2-6CL (M6)*	FP	1 - 6	15%	97%	39%	
Diva/ Ariadni C250W	250W C*L dimmers (T5,T8)*	FP	1 - 10	15%	99%	39%	Does not meet full rated load with this lamp.
Nova T* 250W	NTCL-250 (T8)*	FP	1 - 10	15%	99%	39%	Does not meet full rated load with this lamp.
Grafik T	GT-150 (T6)* without neutral	FP	1 - 6	15%	99%	39%	2 lamp minimum needed without neutral.
Grafik T	GTJ-150 (M6)* without neutral	FP	1 - 6	15%	99%	39%	2 lamp minimum needed without neutral.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	FP	1 - 10	18%	99%	42%	
Commercial Systems							
Panel Module	HW/LP-RPM-4U-120	FP	1 - 16	19% (38)	100% (99)	44%	Rating is per channel; total per module is 16.

Panel Module	GP (Harrier) Card	FP	1 - 16	17% (34)	99% (99)	41%	Rating is per output. Use load type 2-1.
HomeWorksQS/myRoom	LQSE-4A1-D/ MQSE-4A1-D/ MQSE-3A1/ MQSE-2A1-D, 120V, FP	FP	1 - 3	16% (34)	99% (99)	41%	Rating is per output; total quantity per Main Unit is 12.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	FP	1 - 10	18%	99%	42%	
Residential Systems							
Panel Module	HW/LP-RPM-4U-120	FP	1 - 16	19% (38)	100% (99)	44%	Rating is per channel; total per module is 16.
Panel Module	GP (Harrier) Card	FP	1 - 16	17% (34)	99% (99)	41%	Rating is per output. Use load type 2-1.
RadioRA 2	RRD-6CL (R3)*	FP	1 - 6	15% (45)	97% (80)	39%	
HomeWorks QS	HQRD-6CL (H2)*/ HQRA-6CL (H2)*	FP	1 - 6	15% (45)	97% (80)	39%	
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 4	15% (44)	97% (99)	39%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 4	15% (44)	97% (99)	39%	Installation with a neutral wire is required.
HomeWorksQS/myRoom	LQSE-4A1-D/ MQSE-4A1-D/ MQSE-3A1/ MQSE-2A1-D, 120V, FP	FP	1 - 3	16% (34)	99% (99)	41%	Rating is per output; total quantity per Main Unit is 12.
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	FP	1 - 10	18%	99%	42%	
Interfaces⁽⁵⁾							
<i>No applicable results</i>							
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) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details.</p> <p>(2) Maximum Fixtures per Dimmer value represents the maximum safe loading of the control.</p> <p>(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.</p> <p>(4) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook.</p> <p>(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.</p>						

Test Comments: Performance verified with up to 6 fixtures per 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. 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.*