



ID: 2488

Product Report Card

Manufacturer: Eaton

Model

Number LD4B20D010TR

Tested:

LD4B20D010TREM14, LD4B20D010TREM7, LD4B20D010TREMBOD, LD4B20D010TRIEM14,

Other Model LD4B20D010TRIEM7, LD4B20D010TRIEMBOD, LD8B20DL2, LD8B20DL3, LD8B20DLE,

Numbers: LD8BCP20DL2, LD8BCP20DL3, LD8BCP20DLE, LD8B20DL2EM7, LD8B20DL3EM15,

LD8B20DLEEMBOD, LD8B20DL2IEM7, LD8B20DL3IEM15, LD8B20DLEIEMBOD

Manufacturer's Description

Type of Device: LED 25 W Downlight

Operating Voltage: 120

Input Power: 25 W

Input Current: 0.18 A

Input Frequency: 60 Hz

Control Type: Forward Phase

Dimming Range: Not Specified

Output Power: 21 W

Lumen Output: 2000 lm

Type/Shape: Downlight

Base Type:

Lutron Test Results

Date Tested 10/07/2016

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>							
Panel Module	HW/LP-RPM-4U-120	FP	1 - 16	19%	100%	44%	Rating is per channel; total per module is 16.
Panel Module	GP (Harrier) Card	FP	1 - 16	17%	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%	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

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		

No applicable results

Residential Systems

Panel Module	HW/LP-RPM-4U-120	FP	1 - 16	19%	100%	44%	Rating is per channel; total per module is 16.
Panel Module	GP (Harrier) Card	FP	1 - 16	17%	99%	41%	Rating is per output. Use load type 2-1.
RadioRA 2	RRD-6CL (R3)	FP	1 - 6	15%	97%	39%	
HomeWorks QS	HQRD-6CL (H2)/HQRA-6CL (H2)	FP	1 - 6	15%	97%	39%	
RadioRA 2	Hybrid Keypad C.L RRD-HN6BRL	FP	1 - 4	15%	97%	39%	Installation with a neutral wire is required.
HomeWorks QS	Hybrid Keypad C.L HQRD-HN6BRL	FP	1 - 4	15%	97%	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%	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%	

WallBox Dimmers

Diva/Skylark/Skylark Contour/Ariadni/Toggler/ Lumea	CL wall-mount dimmers (T8, T9)	FP	1 - 6	15%	99%	39%	
Maestro	MACL-153M ()	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 CL 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%	

Product	Model Number	Control Type	Fixtures per Dimmer	Measured Dimming Range (Software Trim Settings)		Perceived Low End	Comments
			Min-Max	Low End	High End		
Notes:	<ul style="list-style-type: none"> • * 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.