

Manufacturer: Toshiba
Model Number Tested: LDRB1640M E6USD2
Other Model Numbers: 16P3840KNF-T

Manufacturer's Description

Type of device: LED 16P3840KNF-T(on box) Par 38
 Operating voltage: 120V
 Input Power: 16.0W
 Input Current: 0.14 A
 Input Frequency: 50Hz/60Hz

Control Type: Forward and Reverse Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 1000

Lutron Test Results

Date Tested: 10-Jul-13
 Test Voltage: 120 V
 Test Notes: None

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
		Minimum	Maximum	Low End	High End		
Wallbox Dimmers							
Diva/ Skylark/ Skylark Contour/ Ariadni/ Toggler	C-L wall-mount dimmers (T1)*	1	9	6%	99%	24%	
Maestro	MACL-153M (L)*	1	9	7%	100%	26%	
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	2	9	7%	100%	27%	
Commercial Systems							
Grafik QS	Grafik Eye QS Main Unit Family	1	19	10%	100%	32%	Rating is per output; total quantity per Main Unit is 47.
Grafik Eye 3000	Grafik Eye 3000 Family	1	19	10%	100%	32%	Rating is per output; total quantity per Main Unit is 28, 47, and 47 for 2, 4, and 6 zone units, respectively.
Residential Systems							
Grafik QS	Grafik Eye QS Main Unit Family	1	19	10%	100%	32%	Rating is per output; total quantity per Main Unit is 47.
Grafik Eye 3000	Grafik Eye 3000 Family	1	19	10%	100%	32%	Rating is per output; total quantity per Main Unit is 28, 47, and 47 for 2, 4, and 6 zone units, respectively.
Interfaces⁽³⁾							
<i>No applicable results</i>							
Notes:	* Identical model numbers with different compatibility codes may have different performance; (L) means there is no compatibility code assigned; contact technical support for additional information (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 (2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook (3) 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						

Test Comments: Performance verified with up to 9 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.