

Manufacturer: Toshiba
Model Number Tested: LDRB1340WE6USD2
Other Model Numbers: 13BR40/40L-T, 13BR40/27K-T

Manufacturer's Description

Type of device: LED BR40 LAMP 120V 13W 4000K
 Operating voltage: 120V
 Input Power: 13.0 W
 Input Current: 0.11 A
 Input Frequency: 50Hz/60Hz

Control Type: Forward Phase
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: 1050

Lutron Test Results

Date Tested: 18-Sep-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	11	20%	95%	45%	A flash may be observed while dimming up or down near high end. Low end trim required.
Maestro	MACL-153M (L)*	1	11	20%	90%	45%	A flash may be observed while dimming up or down near high end. Low end trim required.
Maestro Wireless	MRF2-6ND	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required.
Maestro Sensor	MSCL-OP153M (T2)*/ MSCL-VP153M (T2)*	1	11	15%	90%	38%	A flash may be observed while dimming up or down near high end. Low end trim required.
Commercial Systems							
Stanza	SZ-6ND	1	18	9%	99%	31%	A flash may be observed while dimming up or down near high end. Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	37	19%	100%	43%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 59.
Panel Module	HW/LP-RPM-4U-120	1	59	19%	100%	44%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per channel; total per module is 59.
Grafik QS	Grafik Eye QS Main Unit Family	1	24	15%	100%	39%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output; total quantity per Main Unit is 60.

Panel Module	GP (Harrier) Card	1	59	18%	100%	43%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	24	15%	100%	39%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output; total quantity per Main Unit is 36, 60, and 60 for 2, 4, and 6 zone units, respectively.
Residential Systems							
RadioRA 2	RRD-10ND	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required.
HomeWorks QS	HQRD-6ND	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required.
HomeWorks QS	HQRD-10ND	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required.
RadioRA 2	RRD-6NA	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required. Load type not selectable. Evaluated in FP.
Homeworks QS	HQRD-6NA	1	11	20%	100%	45%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. Low end trim required. Load type not selectable. Evaluated in FP.
HomeWorks	HxD-6ND	1	18	9%	99%	31%	A flash may be observed while dimming up or down near high end. Low end trim required.
Panel Module	HW/LP-RPM-4A-120	1	37	19%	100%	43%	A flash may be observed while dimming up or down near high end. Start time may exceed 1 second. High end and low end trim required. Set load type to FP. Rating is per channel; total per module is 59.
Panel Module	HW/LP-RPM-4U-120	1	59	19%	100%	44%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per channel; total per module is 59.
Grafik QS	Grafik Eye QS Main Unit Family	1	24	15%	100%	39%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output; total quantity per Main Unit is 60.
Panel Module	GP (Harrier) Card	1	59	18%	100%	43%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output.
Grafik Eye 3000	Grafik Eye 3000 Family	1	24	15%	100%	39%	A flash may be observed while dimming up or down near high end. High end and low end trim required. Rating is per output; total quantity per Main Unit is 36, 60, and 60 for 2, 4, and 6 zone units, respectively.

Interfaces ⁽³⁾							
	PHPM-PA with Grafik Eye QS Main Unit	1		18%	100%	42%	A flash may be observed while dimming up or down near high end. High end and low end trim required.
	PHPM-WBX with 3-wire fluorescent control	1		18%	100%	42%	A flash may be observed while dimming up or down near high end. High end and low end trim required.
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) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability</p> <p>(2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook</p> <p>(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</p>						

Test Comments: Performance verified with up to 11 fixtures per control. Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. A flash may be observed while dimming up or down near high end.

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.