



BenQ DLP Projector LW650

Feature High Light

- * 4000ANSI Lumens New Light Source
- * Latest Connections for Type C Devices
- * Auto Vertical Keystone & Corner Fit
- * Future Ready for HDMI 2.0
- * Wireless Projection Ready



Display

Projection System	DLP Single
DMD type	0.65" WXGA
Native Resolution	1280 x 800 pixels(WXGA)
Brightness	4000 ANSI Lumens
Contrast Ratio*	30,000,000 : 1
Display Color	30 Bits/1.07 Billion Colors
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Light Source	Laser
Light Source life*	Normal 20,000 hr/ECO 20,000 hr

Optical

Throw Ratio	1.21~1.57 (100" ±3% @ 2.6m)
Zoom Ratio	1,3
Keystone Correction	2D, Vertical & Horizontal +/- 30 degrees
Projection Offset	102.5% ± 3%
Projection Size	60"~150"

Audio

Built-in Speaker	10W*1
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Special Feature

Security	Security Bar, Kensington lock
Feature	Type C, Optional WiFi Display, Corner Fit, FW upgrade via USB, 24/7 operation

Compatibility

Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K~135KHz
Vertical Scan Rate	23 ~ 120 Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p

Power

Power Consumptions(Max/Normal/Eco)	Max : 275W @100VAC, 255W @220VAC, Normal: 200W±10% @100VAC, 191W±10% @220VAC Eco: 138W±10% @100VAC, 133W±10% @220VAC
Standby Power consumption	Normal < 0.5Watts.
Power Supply	100 ~ 240V AC

Dimension and Weight

Product Dimensions (WxHxD)	303.5 (W) x 224.7 (L) x 112.4 (H) mm
Product Weight	2.9 Kg +/- 100g

Operation Condition

Noise Level(Normal/Eco)	34 /28 dBA (Typical/ECO)
Operating Temperature*	0 ~ 40°C

Accessories

Accessories (Standard)	QSG(4JJS501.001) Remote Control (5JJND06.001) AAA Batteryx2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (by Region)
Accessories (Optional)	Ceiling mount(5JJAM10.001) Dongle(5JJPT28.001)

OSD

On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Farsi / Vietnamese/ (30 Languages)
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Environment Notice

* The Contrast is measure by Full On Full Off standard.

*LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change

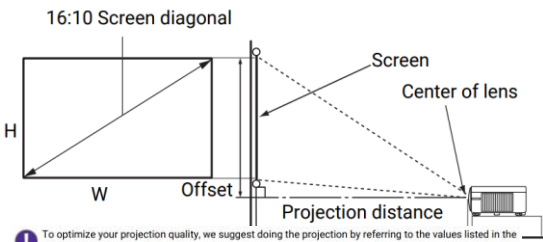


Connectivity



	Qty
1 HDMI-1 (HDMI 2.0 (HDCP 1.4/2.2))	1
2 HDMI-2 (HDMI 2.0 (HDCP 1.4/2.2))	1
3 USB-1 TypeA (1.5A power/FW upgrade)	1
4 USB-1 TypeA (WiFi Dongle)	1
5 RS232 In (D-sub 9pin, male)	1
6 Audio out (mini jack)	1
7 Type C (C Input DP(Display) ALT Mode and DC 5V/1A Out)	1
8 IR Receiver (Front+Top)	2
9 Kensington anti-theft lock slot	1
10 Security Bar	1

Installation

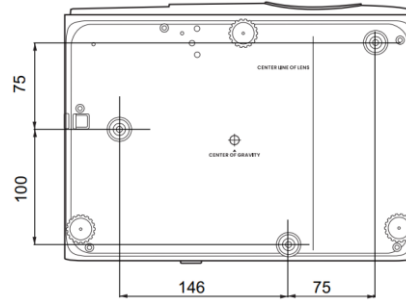
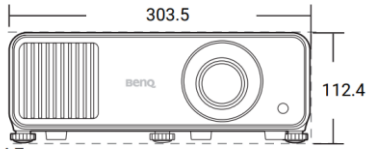
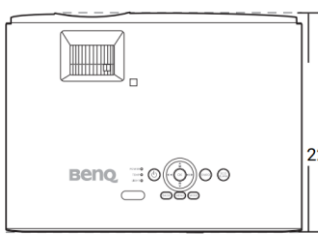


- To optimize your projection quality, we suggest doing the projection by referring to the values listed in the non-gray rows.
- The values in the gray cells are for reference only.
- All measurements are approximate and may vary from the actual sizes. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector in situ before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.

Diagonal	Screen size			Projection distance (mm)			Offset (mm)
	Inch	H (mm)	W (mm)	Min distance (with max zoom)	Average	Max distance (with min zoom)	
30	762	404	646	752	898	1014	10
40	1016	538	862	1042	1198	1353	13
50	1270	673	1077	1303	1497	1691	17
60	1524	808	1292	1564	1796	2029	20
70	1778	942	1508	1824	2096	2367	24
80	2032	1077	1723	2085	2395	2705	27
90	2286	1212	1939	2346	2695	3043	30
100	2540	1346	2154	2606	2994	3382	34
110	2794	1481	2369	2867	3293	3720	37
115	2921	1548	2477	2997	3443	3889	39
120	3048	1615	2585	3127	3593	4058	40
130	3302	1750	2900	3388	3892	4396	44
140	3556	1885	3015	3649	4192	4734	47
150	3810	2019	3231	3909	4491	5072	50
160	4064	2154	3446	4170	4790	5411	54
170	4318	2289	3662	4431	5090	5749	57
180	4572	2423	3877	4691	5389	6087	61
190	4826	2558	4092	4952	5688	6425	64
200	5080	2692	4308	5212	5988	6763	67
210	5334	2827	4523	5473	6287	7101	71
220	5588	2962	4739	5734	6587	7440	74
230	5842	3096	4954	5994	6886	7778	77
240	6096	3231	5169	6255	7185	8116	81
250	6350	3365	5385	6516	7485	8454	84
260	6604	3500	5600	6776	7784	8792	88
270	6858	3635	5816	7037	8084	9130	91
280	7112	3769	6031	7297	8383	9469	94
290	7366	3904	6246	7558	8682	9807	98
300	7620	4039	6462	7819	8982	10145	101

Dimension

303.5 (W) x 224.7 (H) x 112.4 mm(D)



Unit: mm

