



# LW650

## BenQ DLP Projector

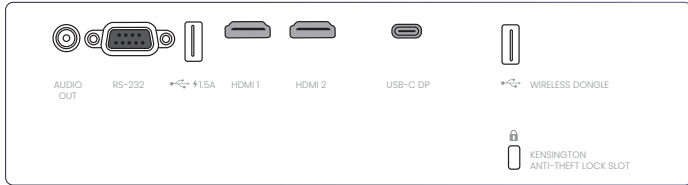
- 4000ANSI Lumens New Light Source
- Future Ready for Type C Devices & HDMI 2.0
- Auto Vertical Keystone & Corner Fit
- New generation SmartEco™
- Wireless Projection Ready

<b>Display</b>	
<b>Projection System</b>	DLP Single
<b>DMD Type</b>	0.65" WXGA
<b>Native Resolution</b>	1280 x 800 pixels(WXGA)
<b>Brightness</b>	4000 ANSI Lumens
<b>Contrast Ratio*</b>	3,000,000 : 1
<b>Display Colour</b>	30 Bits/1.07 Billion Colors
<b>Aspect Ratio</b>	Native 16:10 (5 Aspect Ratio Selectable)
<b>Light Source</b>	Laser
<b>Light Source Life**</b>	20,000 hr (Normal/Eco/SmartEco)
<b>Optical</b>	
<b>Throw Ratio</b>	1.21~1.57 (100" ±3% @ 2.6m)
<b>Zoom Ratio</b>	1.3
<b>Keystone Correction</b>	2D, Vertical & Horizontal +/- 30 degrees
<b>Projection Offset</b>	102.5% ± 3%
<b>Projection Size</b>	60"~150"
<b>Audio</b>	
<b>Built-In Speaker</b>	10W x1
<b>Special Feature</b>	
<b>Security</b>	Security Bar, Kensington lock
<b>Features</b>	IP5X certified Light source, Type C, SmartEco™, Optional WiFi Display, Corner Fit, FW upgrade via USB, 24/7 operation
<b>Compatibility</b>	
<b>Resolution Support</b>	VGA (640 x 480) to 4K UHD (3840 x 2160)
<b>Horizontal Frequency</b>	15K~135KHz
<b>Vertical Scan Rate</b>	23 ~ 120 Hz
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
<b>Power</b>	
<b>Power Consumption (Max /Normal / Eco)</b>	Max : 275W @100VAC, 255W @220VAC, Normal: 200W±10% @100VAC, 191W±10% @220VAC Eco: 138W±10% @100VAC, 133W±10% @220VAC
<b>Standby Power Consumption</b>	Normal < 0.5Watts.
<b>Power Supply</b>	100 ~ 240V AC
<b>Dimension and Weight</b>	
<b>Product Dimensions (WxHxD)</b>	303.5 x 112.4 X 224.7
<b>Product Weight</b>	2.9kg +/- 100g
<b>Operation Condition</b>	
<b>Noise Level</b>	34 /28 dBA (Typical/ECO)
<b>Operating Temperature</b>	0 ~ 40°C
<b>Accessories</b>	
<b>Accessories (Standard)</b>	QSG(4J.JS501.001 ), Remote Control (5J.JND06.001), AAA Batteryx2 , VGA cable (1.5m), Power Cord (1.8m), Warranty card (by Region)*
<b>Accessories (Optional)</b>	Ceiling mount (5J.JAM10.001), Dongle(5J.JPT28.001)
<b>OSD</b>	
<b>On Screen Display Language</b>	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)
<b>Other</b>	
<b>Part Number</b>	9H.JS677.13E
<b>EAN Code</b>	471 8755 09214 5

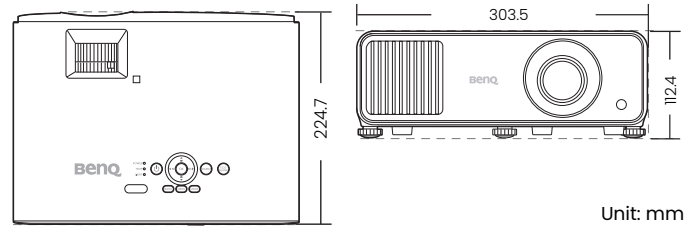
\* The Contrast is measured by Full On/Full Off standard.

\*\* Light Source Life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

## INPUT AND OUTPUT TERMINALS

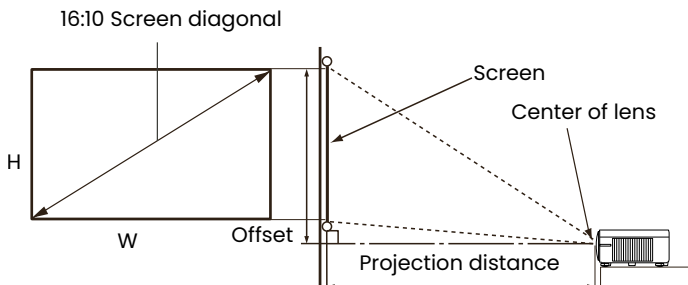


## DIMENSIONS



Unit: mm

## PROJECTION DIMENSIONS



## DISTANCE CHART

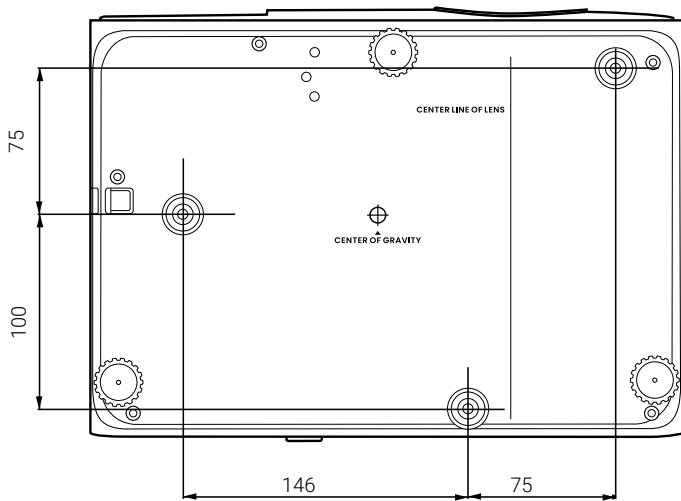
Screen Size				Projection Distance (mm)			Offset (mm)
Diagonal		H (mm)	W (mm)	Min distance (with max zoom)	Average	Max distance (with min zoom)	
Inch	mm						
30	762	404	646	782	898	1014	10
40	1016	538	862	1042	1198	1353	13
50	1270	673	1077	1303	1497	1691	17
60	1524	808	1292	1564	1796	2029	20
70	1778	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	2800	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

To optimize the projection quality, we suggest to project images in an area without grayscale.

## CEILING / WALL MOUNT CHART

Ceiling/Wall mount screw: M4  
(Max L = 25 mm; Min L = 20 mm)

Unit: mm



[benq.eu/en-eu/business/projector.html](https://benq.eu/en-eu/business/projector.html)

**BenQ**

© 2024 BenQ Corp. Specifications may vary by region, please visit your local stores for details. Actual product's features and specifications are subject to change without notice. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.