

Benq LW650

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The standard portable LW650 laser DLP projector from Benq has 4000 ANSI lumens, a contrast ratio of 3000000:1, and a WXGA 1280 x 800 resolution. Thanks to the laser, the projector has a specified light life of 20,000 hours, which would be over 13.7 years if viewed for 4 hours a day. Horizontal and vertical keystone correction makes image setup childs play. An image width of up to 643 cm is possible, as the projector has 4000 ANSI lumens. The projector can handle rooms with residual light with a smaller image width; we would recommend a maximum of 429 cm. The model optionally recognizes Airplay and Miracast screen mirroring signals, making it possible to play high-resolution videos with surround sound directly via Wi-Fi from a smartphone, tablet, or PC (Android, Windows, and iOS). The model is also Full HD 1080P compatible.

Brief Introduction

Display Type

1 x 0,65" WXGA DLP Chip
WXGA 16/10 Ti Digital Light Processing Chip

Ansi-Lumen

4000

1600 Lux (200 cm Screen width)

Contrast

3000000:1

3000000:1

Black Level Offset

0,0013 min. Lumen

0,001 min. Lumen

Resolution

WXGA 1280 x 800
1.024.000 Pixel

Video Modes

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, EDTV 480p, 576p

Application

Standard-Portabel | Gaming | External training and company presentations, as well as product presentations.

Light Source

Laser

Light Life

20000 h.

Operating Costs

0,00 € Laser

Focus

Manual

Zoom

Manual x1,3

Objective

F=2,59-2,87 f=16,88-21,88 mm

Throw Ratio

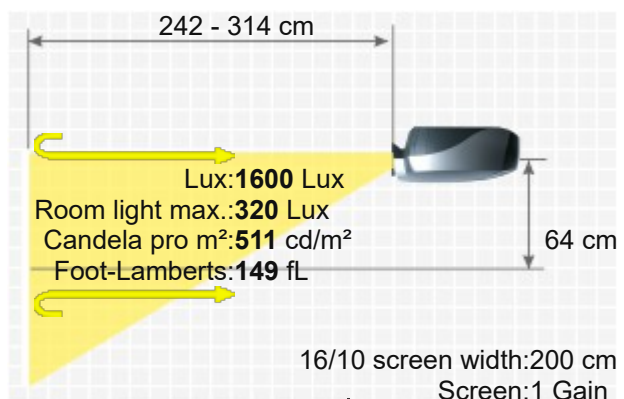
1,21-1,57:1

Audio

1 x 10W

Connections

HDMI (2.0b/HDCP2.2) in
HDMI (2.0b/HDCP2.2) in
USB-C DP in
USB-A 2.0 (1,5A) in



USB-A 2.0 (1.0A, Wireless Dongle) in
Audio Mini Jack out
RS232-DB 9Pin in



Ceiling Mounting -
Power 200W
Size WxHxD 303,5 x 112,4 x 224,7 mm (11,9"x4,4"x8,8") 7,6 L/dm³
Operating Noise 34 / 28 dB in Eco Mode

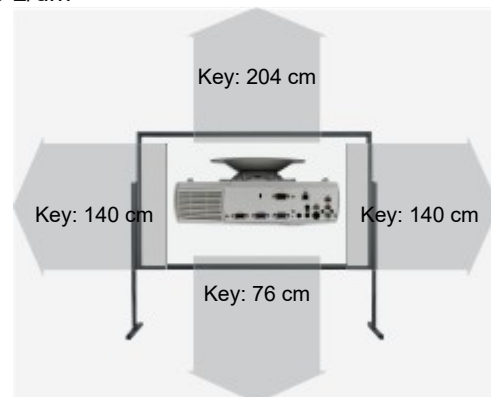
Weight 2,90 kg / 4,41 lbs.
Keystone Vert.: +/-30° automatisch
Hori.: +/-30°
Illumination -

Frequenz H-sync: 15-135 kHz
V-sync: 23-120 Hz

Foot-Lamberts 149 fL / max. 643 cm screen width
511 cd/m²

- Full HD 1080P compatible
- Eco Mode
- Automatic and manual vertical keystone correction
- Kensington Slot
- High Dynamic Range (HDR)
- Optional Wi-Fi network compatible.
- Automatic power on via HDMI
- 2D Keystone
- Corner Fit
- Image masking
- Game Mode Input latency: 8.3ms @ 1080P

Screen Mirroring Miracast, Airplay, Windows
Status 2024 Current model // Last update of the data: 2025-09-09



Data



More Details



HCinema

<https://www.projector-database.com/pro/benqlw650-en.html>

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