

Benq W5850

BENQ W5850



Brief Introduction

Beta 2.5

The Benq W5850 is a DLP laser projector with UHD (4K2K) 3840 x 2160 resolution and a contrast ratio of 3000000:1 FOFO. The manufacturer specifies a laser lifetime of 20,000 hours, which equates to over 13.7 years of enjoyment at four hours per day. The projector also offers a lens shift function for flexible projection adjustment without any loss of quality. The projector can illuminate images up to 518 cm wide thanks to its 2600 ANSI lumens. However, in room lighting, the image width should ideally be less than 345 cm. The projector can also play 1080P and 4K without any problems. At just 30 decibels, the device is one of the quieter projectors available.



1 x 0,47" DMD DLP Chip
HDTV 16/9 Ti Digital Light Processing Chip

Display Type

Ansi-Lumen

2600

1156 Lux (200 cm Screen width)

Contrast

3000000:1 FOFO

3000000:1 FOFO

Black Level

0,0009 min. Lumen

0 min. Lumen

Lens shift

Vert.: +/-50% Hori.: +/-15%

Resolution

UHD (4K2K) 3840 x 2160
8.294.400 Pixel / FHD E-Shift

Video Modes

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, EDTV 480p, 576p

Disc Recognition

DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray (60p)

Application

Homecinema | Gaming | Medium screen width or rooms with little light, max. 100 lumens.

Light Source

Laser

Light Life

20000 h. / 25000 h. in Eco Mode

Operating Costs

0,00 € Laser

Focus

Powered

Zoom

Powered x1,6

Objective

F=2,1-2,3 f=10,57-16,91 mm

Throw Ratio

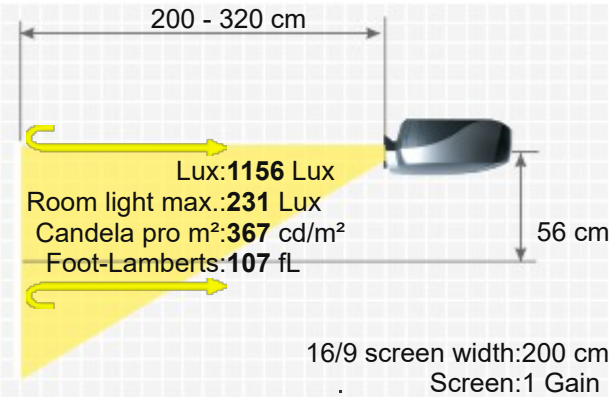
1,0-1,6:1

Audio

Nein

Connections

HDMI-1 (2.0b/HDCP2.2)
HDMI-2 (2.0b/HDCP2.2)
3D Sync out (Vesa)
Mini Jack Audio in und out
S/PDIF (2-Kanal, PCM, Multi-Kanal, RAW)
2x USB-A in
USB-B in (Service)
RS232C Din 9 pin in
RJ45 in





Ceiling Mounting
Power
Size WxHxD
Operating Noise

Yes, is possible.
450W Max / 240W ECO
525,2 x 145,7 x 392,2 mm (20,7"x5,7"x15,4") 29,84 L/dm³
30 / 27 dB in Eco Mode

Weight
Keystone
Illumination

10,50 kg / 22,05 lbs.
Vert.: +/-35°
Hori.: +/-35°
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Frequenz

H-sync: 15-135 kHz
V-sync: 23-240 Hz

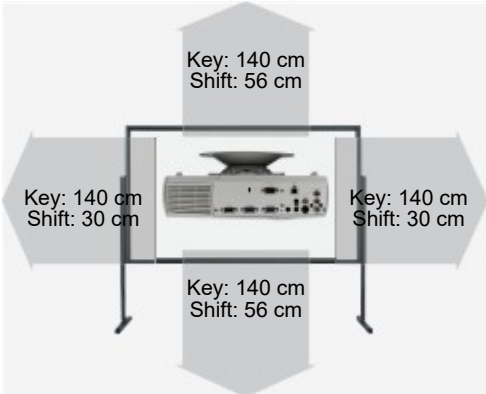
Foot-Lamberts

107 fL / max. 518 cm screen width
367 cd/m²

- Full HD 1080P compatible
- Lens shift Funktion
- Eco Mode
- High Dynamic Range (HDR)
- Lan network compatible.
- Delta E <1 (Calibration Report)
- Cinematic Color (DC1-P3)
- 24P playback (Filmmaker Mode)
- HDR Tone Mapping
- Game Mode Input latency: 13ms @ 1080P, 17.9ms @ 4K
- Refresh rate: 120Hz @ 1080P, 60Hz @ 4K

Screen Mirroring

Optional only Chromecast / Fire TV / Apple TV / Mi Box Ads



Optional accessories

	Deckenhalterung Länge 225 mm	Halterung45	85,80 €
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Status 2025 Current model // Last update of the data: 2025-09-09
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More Details



HCinema

<https://www.projector-database.com/pro/benqw5850-en.html>

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