

# Benq LH830ST

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With the LH830ST, manufacturer Benq offers a short-throw DLP laser projector with HDTV 1920 x 1080 resolution and a contrast ratio of 3000000:1. The laser has a service life of 20,000 hours, which equates to over 13.7 years at 4 hours per day. Since the projector has horizontal and vertical keystone correction, it can be set up with plenty of space in the room. This projector has a projection ratio of only 0.496:1. For a 2 m wide image, the projector only needs to be 99 cm away from the screen. Playing 1080P is also no problem for the projector. With an operating noise of only 30 decibels, this model is very quiet compared to others.

## Brief Introduction

Beta 2.5

## Display Type



1 x 0,65" DMD DLP Chip  
HDTV 16/9 Ti Digital Light Processing Chip

## Ansi-Lumen

4000

1778 Lux (200 cm Screen width)

## Contrast

3000000:1 full on/off

3000000:1 full on/off

## Black Level

0,0013 min. Lumen

0,001 min. Lumen

## Offset

## Resolution

HDTV 1920 x 1080  
2.073.600 Pixel

## Video Modes

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, EDTV 480p, 576p, HDTV-Kompatibilität 720p, 1080i, 1080p, 2160p Video-Kompatibilität 480i / 576i, 480P / 576P, 720@50P / 60P, 1080@50i / 60i / 24p / 25p / 30p / 50p / 60p, 2160@24p / 25p / 30p / 50p / 60p

## Disc Recognition

DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray

## Application

Short Distance | Gaming | Wide screen width or rooms with plenty of light (over 200 lumens).

## Light Source

Laser

## Light Life

20000 h. / 30000 h. in Eco Mode

## Operating Costs

0,00 € Laser

## Focus

Manual

## Zoom

No Zoom

## Objective

F=2,8 f=17,51mm

## Throw Ratio

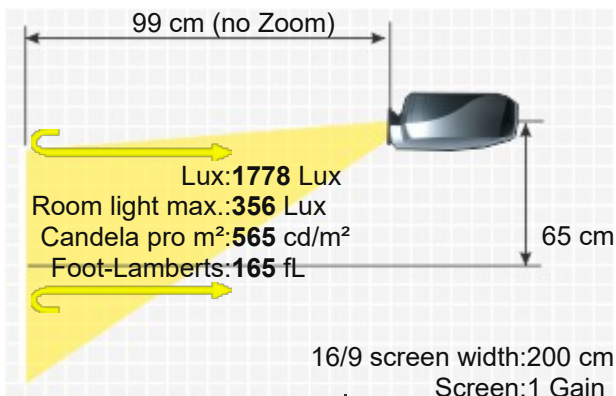
0,496:1

## Audio

1 x 15W

## Connections

2x HDMI (2.0b/HDCP2.2)  
Mini Jack Audio out  
USB-A in  
RS232C Din 9 pin in  
RJ45 in





Ceiling Mounting  
Power  
Size WxHxD  
Operating Noise

Yes, is possible.  
250W Max / 230W Normal / 130W Eco  
279,2 x 120,5 x 229,3 mm (11"x4,7"x9") 7,67 L/dm³  
30 / 24 dB in Eco Mode

Weight  
Keystone  
Illumination

3,50 kg / 6,61 lbs.  
Vert.: +/-30°  
Hori.: +/-30°  
93%

Frequenz

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

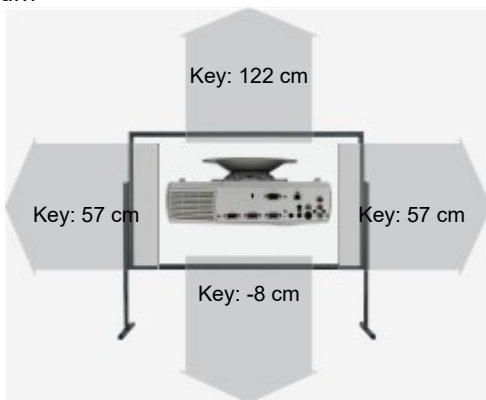
Foot-Lamberts

165 fL / max. 643 cm screen width  
565 cd/m²

- Full HD 1080P compatible
- User logo
- Eco Mode
- Kensington Slot
- 24/7 continuous operation capable
- Wi-Fi network compatible.
- Lan network compatible.
- Short-throw projector
- Optional filter with switch
- White balance factory setting
- Over-the-air firmware update
- Game mode Input latency: 16.7ms @ 1080P
- Refresh rate: 60Hz @ 1080P

Screen Mirroring

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**Optional accessories**



Deckenhalterung Länge 100-120 mm

Halterung120

47,86 €

Status

2025 Current model // Last update of the data: 2025-12-05  
Created: 2025-10-01 11:40:42

Data



More Details



**HCinema**

<https://www.projector-database.com/pro/benqlh830st-en.html>

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