

Optoma HL31LV

EAN/UPC:796435 81 586 8

OPTOMA HL31LV



With the HL31LV, manufacturer Optoma offers a DLP LED projector with HDTV 1920 x 1080 resolution and a contrast ratio of 300,000: 1. Thanks to the LEDs, the projector has a specified lamp life of 20,000 hours, which would equate to over 13.7 years based on 4 hours? viewing per day. Built-in horizontal and vertical keystone correction provides flexibility when setting up the projector. As Optoma specifies the projector?s brightness in lumens, we have calculated an approximate ANSI lumen value in this case. 4,375 ANSI lumens ensure that an image width of 601 cm is possible. In rooms with ambient light, the projector performs best with a narrower image width; we would recommend a maximum of 401 cm. Furthermore, the projector can play 1080p and 4K (compressed) and 3D without any issues, meaning the projector can recognise all Blu-ray formats currently available.



1 x DLP Chip
HDTV 16/9 Ti Digital Light Processing Chip

Projector	4375 / 3500 ISO Lumen	Screen	1944 Lux (200 cm Screen width)
	300000:1 full on/off		300000:1 full on/off
	0,0146 min. Lumen		0,006 min. Lumen

HDTV 1920 x 1080

2.073.600 Pixel

UHD (4K2K) 3840 x 2160 compressed

Pai, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD (komprimiert), 3D, EDTV 480p, 576p

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

Frame-Packing (Full HD 3D) | Side-by-Side | Top-and-Bottom

Frame Sequential (3D Ready)

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

4LED

20000 h. / 30000 h. in Eco Mode

0,00 € LED

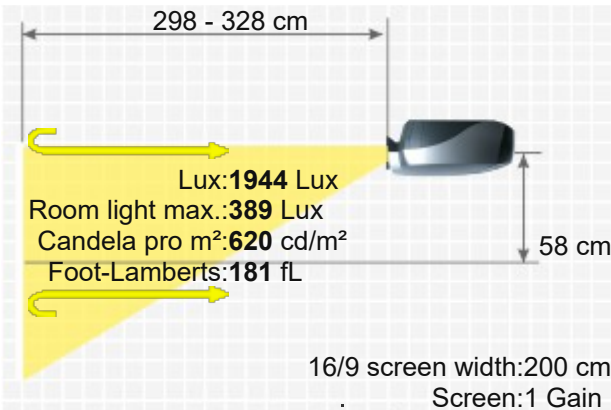
Manual

Manual x1,1

f=22,00-24,10 mm

1,49-1,64:1

1 x 10W



Brief Introduction

Beta 2.5

Display Type

Ansi-Lumen

Contrast

Black Level
Offset

Resolution

Video Modes

Disc Recognition

3D Compatibility

Application

Light Source

Light Life

Operating Costs

Focus

Zoom

Objective

Throw Ratio

Audio

2x HDMI 2.0 in
D-sub 15pin in und out
Mini Jack Audio in und out
USB in
RS232C Din 9 pin in
RJ45 in



Connections

Ceiling Mounting
Power
Size WxHxD
Operating Noise

Yes, is possible.
212W Normal / 124W Eco Mode
307,1 x 114,3 x 228,1 mm (12,1"x4,5"x9") 7,98 L/dm³
35 / 29 dB in Eco Mode

Weight
Keystone
Illumination

3,08 kg / 6,61 lbs.
Vert.: +/-30°
Hori.: +/-30°
85%

Frequenz

H-sync: 15-135 kHz
V-sync: 24-120 Hz

Foot-Lamberts

181 fL / max. 601 cm screen width
620 cd/m²

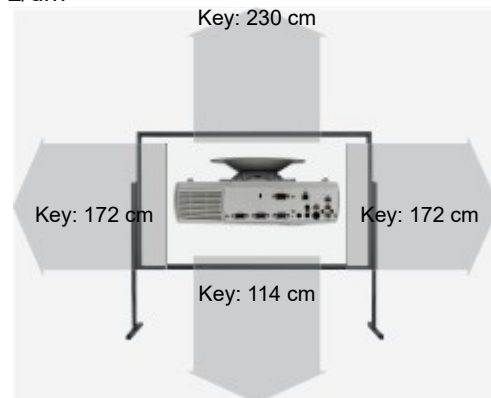
- Real Full HD 3D
- Full HD 1080P compatible
- Eco Mode
- Kensington Slot
- 360° installable
- 24/7 continuous operation capable
- Password protection
- Optional Wi-Fi network compatible.
- Lan network compatible.
- Crestron®-Software compatible.
- Optoma Management Suite Cloud (OMS&
- 1057;) (OTA Updates)
- Game Mode Input Latency: 33.7 ms @ 4K60Hz, 8.4 ms @ 1080P 120Hz
- Refresh Rate: 60Hz @ 4K, 120Hz @ 1080P

Screen Mirroring

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

Status

2026 Current model // Last update of the data: 2026-08-11
Created: 2026-07-21 09:18:22



Data



More Details



HCinema

<https://www.projector-database.com/pro/optomahl31lv-en.html>

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