Optoma ZK431ST

EAN/UPC:5055387669680

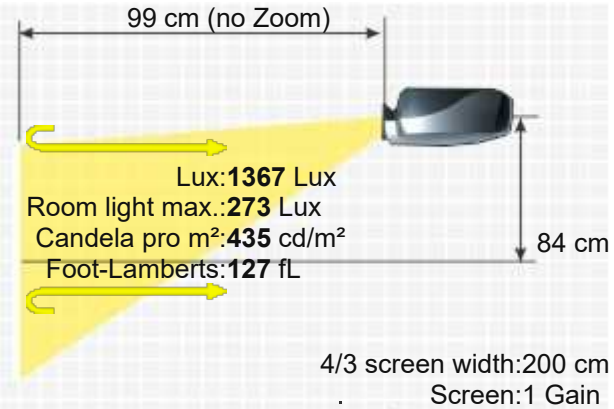


A brief introduction to the Optoma ZK431ST. This short-throw DLP laser projector has a UHD (4K2K) resolution of 3840 x 2160 and a contrast ratio of 300,000:1. The manufacturer, Optoma, specifies a lifespan of 30,000 hours, which would equate to over 20.5 years at 4 hours? use per day. Horizontal and vertical keystone correction ensures that setting up the image is child?s play. With a throw ratio of just 0.496:1, this projector never gets in the way. To project a 2-metre-wide image, the projector needs to be positioned just 99 cm from the screen. The model is also compatible with Full HD 1080p, 4K and 3D, meaning it can handle all currently available Blu-ray formats.

Brief Introduction

Beta 2.5

Display Type	1 x Ti DLP Chip HDTV 4/3 Ti Digital Light Processing Chip	
Ansi-Lumen	Projector: 4100	Screen: 1367 Lux (200 cm Screen width)
Contrast	Projector: 300000:1 full on/off	Screen: 300000:1 full on/off
Black Level Offset	Projector: 0,0137 min. Lumen	Screen: 0,005 min. Lumen
Resolution	UHD (4K2K) 3840 x 2160 8.294.400 Pixel / FHD E-Shift	
Video Modes	Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, 3D, EDTV 480p, 576p	
Disc Recognition	DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray (60p)	
3D Compatibility	Frame-Packing (Full HD 3D) | Side-by-Side | Top-and-Bottom | 2D-zu-3D Video Converter	
Application	Short Distance | Gaming | Wide screen width or rooms with plenty of light (over 200 lumens).	
Light Source	DuraCore Laser	
Light Life	30000 h.	
Operating Costs	0,00 € Laser	
Focus	Manual	
Zoom	No Zoom	
Objective	f=7,51mm	
Throw Ratio	0,496:1	
Audio	1 x 15W	
Connections	2x HDMI 2.0 (1x eARC) in D-sub 15pin in 3D Sync out Mini Jack Audio in und out 2x USB-A 2.0 in RS232C Din 9 pin in	

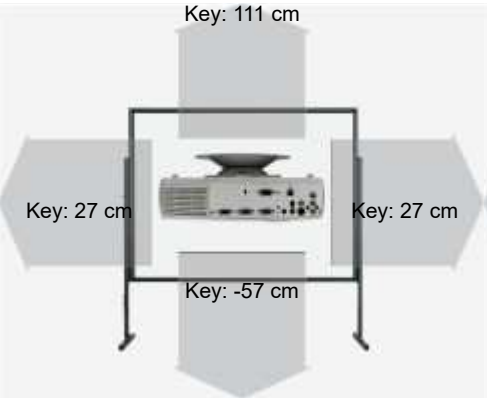


OPTOMA ZK431ST

RJ45 in
12V Trigger



Ceiling Mounting	Yes, is possible.
Power	176W Normal / 124W Eco Mode
Size WxHxD	216 x 114 x 274 mm (8,5"x4,5"x10,8") 6,75 L/dm³
Operating Noise	35 / 29 dB in Eco Mode



Weight	2,90 kg / 4,41 lbs.
Keystone	Vert.: +/-15° Hori.: +/-15°
Illumination	75%
Frequenz	H-sync: 15-150 kHz V-sync: 24,240 Hz
Foot-Lamberts	127 fL / max. 544 cm screen width 435 cd/m²
Features	■ Real Full HD 3D ■ Full HD 1080P compatible ■ Eco Mode ■ Kensington Slot ■ 360° installable ■ 24/7 continuous operation capable ■ Lan network compatible. ■ Short-throw projector ■ Optoma Management Suite ■ Optoma Smart Control App ■ Golf Mode ■ Wisa Soundsend Certified ■ Game Mode Input Latency: 16.7 @ 4K60Hz, 8.4ms @ 1080P 120Hz ■ Refresh Rate: 60Hz @ 4K, 120Hz @ 1080P
Screen Mirroring	-

Optional accessories

	Deckenhalterung Länge 100-120 mm	Halterung100	47,86 €

Status
2026 Current model // Last update of the data: 2026-08-11
Created: 2026-07-21 09:45:45

Data



More Details

https://www.projector-database.com/pro/optomazk431st-en.html

Due to our ongoing commitment to continuously improve the quality of our projector database, this brochure is also subject to change without notice. HCinema is not responsible for any errors or omissions contained in product descriptions.