

Christie CP4420-RGB

CHRISTIE CP4420-RGB



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Brief Introduction

Beta 2.5

The E-Cinema Christie CP4420-RGB 3D laser DLP projector has 20000 Ansi lumens, a contrast of 6000:1 and a UHD (4K+2K) 4096 x 2160 resolution. Due to the laser, the projector is specified with 50000 hours of light life, which is over 34.2 years if enjoyed for four hours a day. Thanks to the brightness of 20000 Ansi lumens, a picture width of 1292 cm is possible. The projector will also create slightly brighter rooms with a smaller picture width (we recommend max. 861 cm). In the event that the image is still too small, the projector offers integrated edge blending software, with which several projectors can project a large image together. The model is also compatible with Full HD 1080P and 4K as well as 3D, meaning that all Blu-ray formats currently available can be recognized by the projector.



3 x 1,38" DMD DLP Chip
UHD 19/10 Ti Digital Light Processing Chip

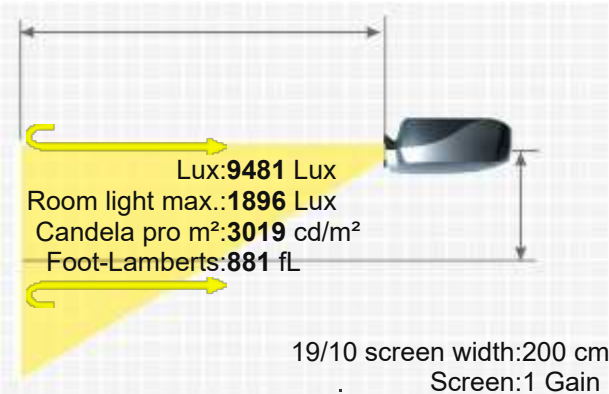
Display Type

Ansi-Lumen
Contrast
Black Level
Offset
Resolution
Video Modes
3D Compatibility
Application
Light Source
Light Life
Operating Costs

Projector	20000	Screen	9481 Lux (200 cm Screen width)
	6000:1 full on/off		6000:1 full on/off
	3,3333 min. Lumen		1,581 min. Lumen
	UHD (4K+2K) 4096 x 2160		
	8.847.360 Pixel		
	Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, 3D, EDTV 480p, 576p		
	Frame Packing (Full HD 3D) Side-by-Side Top-and-Bottom		
	Frame Sequential (3D Ready) 2D-zu-3D Video Converter		
	E-Cinema Digital Cinema (D-Cinema) in the movie theater.		
	Very large screen width and rooms with plenty of light and shaded daylight.		
	Laser		
	50000 h.		
	0,00 € Laser		

Focus
Zoom
Objective
Throw Ratio
Audio
Connections

Powered
Powered
optional
optional
Nein
Christie® CineLife+™ Series (Series-2 IMB compatible) †
2x HDMI 2.0
4K 120 fps ‡
1G Ethernet
4x 12G SDI



2x DisplayPort 1.2
Remote UI
Electronic Color Convergence (ECC)



Ceiling Mounting
Power
Size WxHxD
Operating Noise

Yes, is possible.
1555W
944 x 525 x 711 mm (37,2"x20,7"x28") 352,37 L/dm³
70dB

Weight
Keystone
Illumination

130,00 kg / 286,6 lbs.
-
-

Frequenz

-

Foot-Lamberts

881 fL / max. 1292 cm screen width
3019 cd/m²

Features

- Real Full HD 3D
- Full HD 1080P compatible
- Direkt Power Off
- Freeze
- Blank (Black screen button)
- Automatic and manual vertical keystone correction
- High Dynamic Range (HDR)
- Warping
- 24/7 continuous operation capable
- Edge Blending
- Password protection
- Lan network compatible.
- External video processor included.

Screen Mirroring

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Optional Lenses					
Name	Ratio	Distance	Shift V	Shift H	Zoom
Zoom Optional Lenses					
2.71-3.89:1 / 163-108100-XX	2.71-3.89:1	5.4-7.8 m			Powered
2.71-3.89:1 / 108-278101-XX	2.71-3.89:1	5.4-7.8 m			Powered
1.95-3.26:1 / 163-107109-XX	1.95-3.26:1	3.9-6.5 m			Powered
1.95-3.26:1 / 108-338105-XX	1.95-3.26:1	3.9-6.5 m			Powered
1.63-2.71:1 / 163-106108-XX	1.63-2.71:1	3.3-5.4 m			Powered
1.63-2.71:1 / 108-337104-XX	1.63-2.71:1	3.3-5.4 m			Powered
1.45-2.17:1 / 163-105107-XX	1.45-2.17:1	2.9-4.3 m			Powered
1.45-2.17:1 / 108-336103-XX	1.45-2.17:1	2.9-4.3 m			Powered
1.31-1.85:1 / 163-104106-XX	1.31-1.85:1	2.6-3.7 m			Powered
1.31-1.85:1 / 108-335102-XX	1.31-1.85:1	2.6-3.7 m			Powered
1.13-1.72:1 / 163-145101-XX	1.13-1.72:1	2.3-3.4 m			
1.13-1.66:1 / 163-103105-XX	1.13-1.66:1	2.3-3.3 m			Powered
1.13-1.66:1 / 108-342100-XX	1.13-1.66:1	2.3-3.3 m			Powered

Status 2023 Current model // Last update of the data: 2025-09-09
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Data



More Details



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<https://www.projector-database.com/pro/christiecp4420rgb-en.html>

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