

Christie CP4420m-RGBH

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The Christie CP4420m-RGBH is a DLP laser projector with UHD (4K+2K) resolution of 4096 x 2160 and a native contrast ratio of 6000:1 (UHC lenses) and 2500:1 (HB lenses). Thanks to the laser, the service life is 50,000 hours ? which equates to over 34.2 years if used for four hours a day. An image width of up to 1,292 cm is possible, as the projector has 20,000 ANSI lumens. In rooms with ambient light, the projector can achieve a smaller image width; we would recommend a maximum of 861 cm. In the event that the image is still too small, the projector offers built-in edge-blending software, which allows several projectors to combine their images to create a single large picture. Furthermore, the projector can play 1080p, 4K and 3D content without any issues, meaning it can recognise all currently available Blu-ray formats.

3 x 0,98" SST DMD DLP Chip
UHD 17/9 Ti Digital Light Processing Chip

Brief Introduction

Beta 2.5

Display Type

Ansi-Lumen

Contrast

Black Level Offset

Resolution

Video Modes

3D Compatibility

Application

Light Source

Light Life

Operating Costs

Focus

Zoom

Objective

Throw Ratio

Audio

Connections

Projector	20000	Screen	10074 Lux (200 cm Screen width)
	6000:1 nativ (UHC Lenses), 2500:1 (HB Lenses)		6000:1 nativ (UHC Lenses), 2500:1 (HB Lenses)
	3,3333 min. Lumen		1,68 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.

Christie Phazer Hybrid Laser

50000 h.

0,00 € Laser

Powered

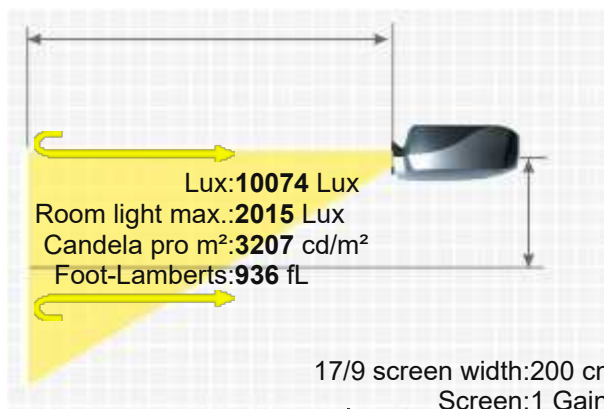
Powered

optional

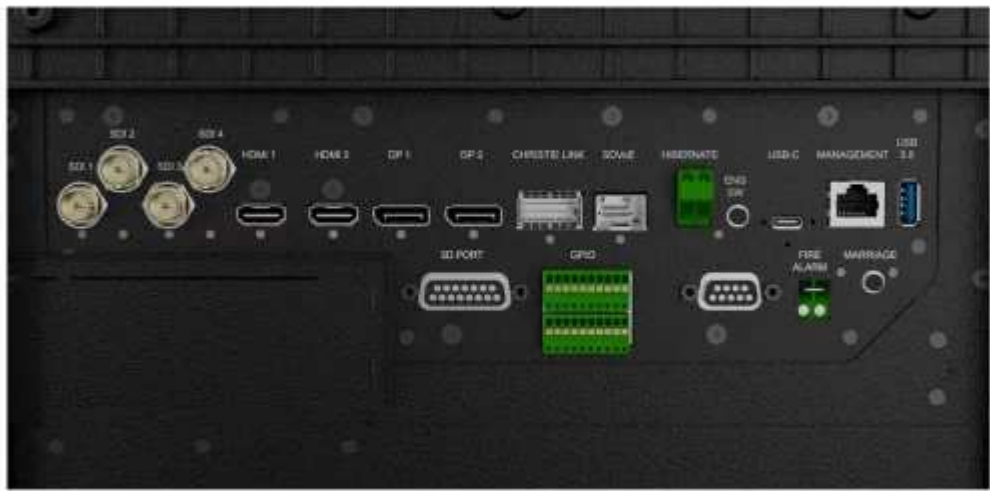
optional

Nein

Christie® CineLife+™ Series (Series-2 IMB compatible) †, ‡
2x HDMI 2.0
2x DisplayPort 1.2
1G Ethernet



4x 12G SDI
Remote UI



Ceiling Mounting
Power
Size WxHxD
Operating Noise

Yes, is possible.
1360W
850 x 304 x 680 mm (33,5"x12"x26,8") 175,71 L/dm³
47dB

Weight
Keystone
Illumination

60,00 kg / 132,28 lbs.
Vertical automatisch
-

Frequenz

-

Foot-Lamberts

936 fL / max. 1292 cm screen width
3207 cd/m²

- 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

Features

- 24/7 continuous operation capable
- Edge Blending
- Password protection
- Lan network compatible.
- External video processor included.
- CineLife+ (120HFR, ECC, Screen Fit, Mystique Cinema)
- Christie LiteLOC
- Enhanced Wavelength Diversity (EWD)
- fully compatible with existing 0.98? m2K cinema lenses

Screen Mirroring

-

Optional accessories

 Deckenhalterung HeavyDuty 470,94 €

Optional Lenses

Name	Ratio	Distance	Shift V	Shift H	Zoom
108-328104 HB	1.9-3:1	380-600 m			Powered
108-321107 HB	1.75-2.4:1	350-480 m			Powered
163-153100 UHC	1.75-2.4:1	350-480 m			Powered
108-329105 HB	1.5-2.2:1	300-440 m			Powered
163-166104 UHC	1.5-2.2:1	300-440 m			Powered
108-327103 HB	1.39-1.9:1	278-380 m			Powered
163-152109 UHC	1.39-1.9:1	278-380 m			Powered
108-350109 HB	1.2-1.75:1	240-350 m			Powered
163-165103 UHC	1.2-1.75:1	240-350 m			Powered

Status

2026 Current model // Last update of the data: 2026-09-04
Created: 2026-08-18 09:50:57

Data



More Details



HCinema

<https://www.projector-database.com/pro/christiecp4420mrgbh-en.html>

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