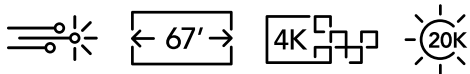


CP4320-RGB

Medium-screen auditoriums | Event cinema | Post production | Screening rooms

Advanced, yet affordable, DCI compliant cinema projection featuring Christie ReaLaser™ technology for screens up to 67 feet wide



Key features:

- › Improved cinema experience – expanded color gamut, greater brightness and up to 6000:1 contrast
- › Long-lasting light source – over 50,000 hours of optimal performance
- › Low maintenance – sealed optics for protection against dust ingress
- › Enhanced Wavelength Diversity (EWD) – utilising MPD technology to improve image quality on all screen types
- › Backwards compatibility – works with existing Christie accessories and lenses
- › Best-in-class operational efficiency – 10.6 lumens per watt

CHRISTIE
ReaLaser™

Advanced laser light source for accurate reproduction of DCI content

CineLife™

Integrated screen management system enabling seamless content and booth management with built-in automation controller

DIGITAL CINEMA CONFIGURATOR

Help find the right lens for your projector on our website



Specifications

Christie CP4320-RGB

Brightness	nominal	• Up to 20,000 lumens at DCI white (<25°C ambient) ¹
	lifetime	• >50,000 hours ²
Contrast ratio		• Up to 6000:1 ³ full field on/off
Digital micromirror device		• 1.38" Enhanced 4K 3-chip DMD DLP Cinema® • 4096x2160 (4K)
Color gamut	native gamut	• >95% of Rec 2020 coverage
Processing electronics		• Christie® CineLife™ Series-3 (Series-2 IMB compatible) ⁴ • HDMI v1.4a x2 • 16-channel AES (w/ Christie IMB-S3 via RJ45 x2) • 2K120 / 4K48 fps (w/Christie IMB-S3) • Built-in automation controller • 3D Sync Connector (12V 1A powered) ⁵
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• HB and UHC: 1.13-1.66 / 1.31-1.85 / 1.45-2.17 / 1.63-2.71 / 1.95-3.26 / 2.71-3.89 / 3.89-5.43 / 4.98-7.69
Power input requirements		• Input A: 200-240 VAC @ 50-60Hz, 15A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 10A max
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional
Power consumption		• 1890W, max DCI brightness, @25°C 6448 BTU/hr
Laser class		• Class 1 – Risk Group 3
Weight		• As installed: 285lbs max (130kg)
Dimensions (w/o lens)	size (LxWxH)	• 37.2 x 28.0 x 20.7" (944 x 711 x 525mm)
Accessories		• Christie IMB-S3 • NAS-S3 5.4TB storage • Rack mount pedestal • Rack mount pedestal adaptor • Extraction duct adaptor

¹ With existing high brightness cinema lens.

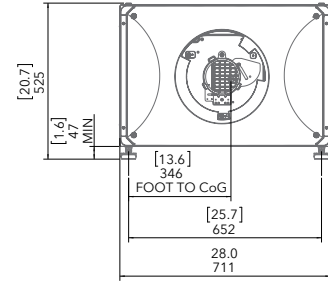
² Subject to variables specific to each installation. Please see Christie's laser best practices guide for more information.

³ With new UHC cinema lens.

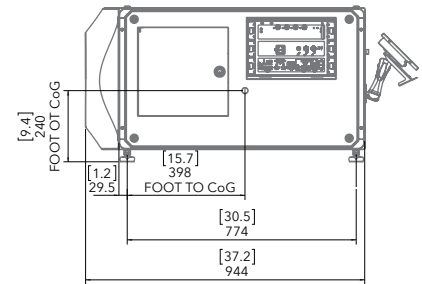
⁴ Supports 3rd party IMB models from Dolby, GDC and others. Please contact Christie for updated compatibility list.

⁵ Supports most conventional 3D systems except "color-separation" based 3D (i.e. 6P). Visit the website for more information.

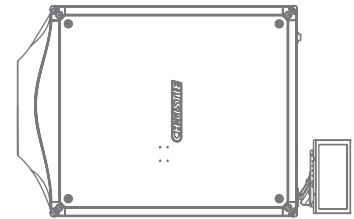
Front view



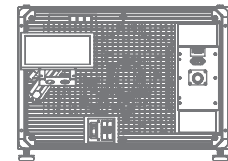
Side view



Top view



Back view



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For the most current specification information, please visit christiedigital.com

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CD3906-CINE0087-CP4320-RGB-Datasheet-Sept-23-EN-US

