**CP4320-RGB**

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

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

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**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

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

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**Help find the right lens for your projector on our website**

christiedigital.com/cinema

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Innovation in every frame™
Specifications Christie CP4320-RGB

Brightness
nominal • Up to 20,000 lumens at DCI white (<25°C ambient)¹
• >50,000 hours²

Contrast ratio
• Up to 6000:1³ 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.

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

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