

CP2320-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 63 feet wide



Key features:

- › **Improved cinema experience** - expanded color gamut approaching REC 2020, greater brightness and contrast
- › **Enhanced Wavelength Diversity (EWD)** - utilising MPD technology to improve image quality on all screen types
- › **Long-lasting light source** - over 50,000 hours of optimal performance
- › **Low maintenance** - sealed optics for protection against dust ingress
- › **Backwards compatibility** - works with existing Christie accessories and lenses
- › **Best-in-class operational efficiency** - 12.2 lumens per watt

CHRISTIE
RealLaser™

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 CP2320-RGB

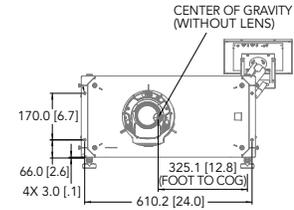
Brightness	nominal	• Up to 20,000 lumens
	lifetime	• >50,000 hours ¹
Contrast ratio		• 3000:1 full field on/off; 1000:1 ANSI with standard high brightness lens
Digital micromirror device		• 0.98" mDC2K 3-chip DMD DLP Cinema® • 2048x1080 (2K)
Color gamut	native gamut	• >95% of Rec 2020 coverage
Processing electronics		• Christie® CineLife™ Series-3 (Series-2 IMB compatible) ² • HDMI v1.4a x2 • 16-channel AES (w/ Christie IMB-S3 via RJ45 x2) • 2K120 (w/Christie IMB-S3) • Built-in automation controller • 3D Sync Connector (12V 1A powered) ³
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• 1.05:1 / 1.20-1.75:1 / 1.39-1.9:1 / 1.5-2.2:1 / 1.75-2.4:1 / 1.9-3.0:1 / 2.4-3.9:1
Power input requirements		• Input A: 200-240 VAC @ 50-60Hz, 12A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 10A max
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional • Room heat load w/o extraction: 5118 BTU/hr
Power consumption		• 1480W, max DCI brightness, @25°C 5050 BTU/hr
Laser class		• Class 1 – Risk Group 3
Weight		• As installed: 176lbs max (80kg)
Dimensions (w/o lens)	size (LxWxH)	• 42.6 x 25.0 x 13.3" (1083 x 635 x 337mm)
Accessories		• Christie IMB-S3 • NAS-S3 5.4TB storage • Rack mount pedestal • Rack mount pedestal adaptor • Extraction duct adaptor

¹ Subject to variables specific to each installation. Please see Christie's laser best practices guide for more information.

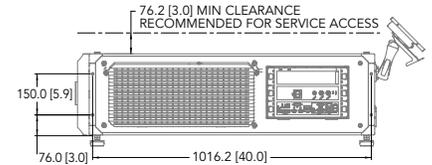
² Supports 3rd party IMB models from Dolby, GDC and others. Please contact Christie for updated compatibility list.

³ Supports most conventional 3D systems except "color-separation" based 3D (i.e. 4P). Visit the website for more information.

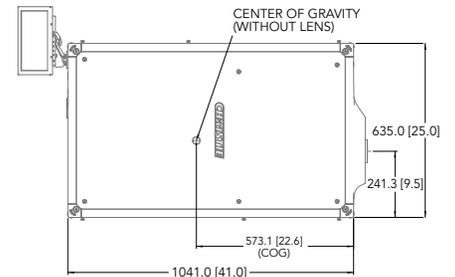
Front view



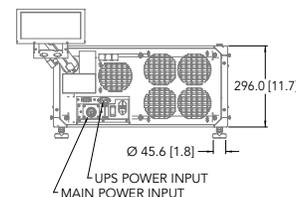
Side view



Top view



Back view



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

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