

# CP2309-RGB

Small-screen cinema | Screening rooms | Post production | Boutique theatres

Advanced, yet affordable, DCI compliant cinema projection featuring Christie RealLaser™ technology for screens up to 43 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** – 8.8 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 CP2309-RGB

<b>Brightness</b>	nominal	• Up to 8,500 lumens at DCI white (<25°C ambient)
	lifetime	• >50,000 hours <sup>1</sup>
<b>Contrast ratio</b>		• 2000:1 full field on/off with standard high brightness lens
<b>Digital micromirror device</b>		• 0.69" mDC2K 3-chip DMD DLP Cinema® • 2048x1080 pixels (2K)
<b>Color gamut</b>	native gamut	• >95% of Rec 2020 coverage
<b>Processing electronics</b>		• Christie® CineLife™ Series-3 (Series-2 IMB compatible) <sup>2</sup> • HDMI v1.4a x2 • 16-channel AES (w/ Christie IMB-S3 via RJ45 x2) • 2K120 / 4K30 fps (w/Christie IMB-S3) • Built-in automation controller • 3D Sync Connector (12V 1A powered) <sup>3</sup>
<b>Lens mount configuration</b>		• Fully motorized Intelligent Lens System (ILS™)
<b>Lenses</b>		• 1.2 - 1.72 / 1.33 - 2.1 / 1.62 - 2.7 / 2.09 - 3.9
<b>Power consumption</b>		• 1025W <sup>4</sup> , max DCI brightness, @25°C 3500 BTU/hr
<b>Power input requirements</b>		• Input A 200-240 VAC @ 50-60Hz, 9A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 8A max
<b>Cooling</b>		• Liquid pressurized/TEC, self-contained • Heat extraction optional • Room heat load w/o extraction: 5698 BTU/hr
<b>Laser class</b>		• Class 1 – Risk Group 3
<b>Weight</b>		• As installed: 160lbs max (73kg)
<b>Dimensions (w/o lens)</b>	size (LxWxH)	• 42.6 x 25.0 x 13.3" (1083 x 635 x 337mm)
<b>Accessories</b>		• Christie IMB-S3 • NAS-S3 5.4TB storage • Rack mount pedestal • Rack mount pedestal adaptor • Extraction duct adaptor

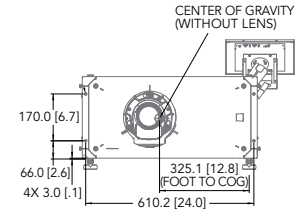
<sup>1</sup> Subject to variables specific to each installation. Please see Christie's laser best practices guide for more information.

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

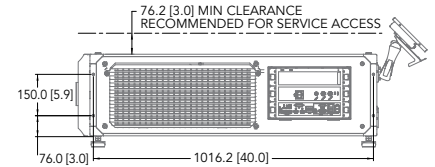
<sup>3</sup> Supports most conventional 3D systems except "color-separation" based 3D (i.e. 6P). Visit the website for more information

<sup>4</sup> Typical power consumption. May be impacted by environmental conditions.

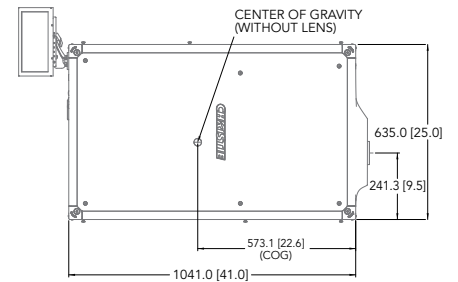
## Front view



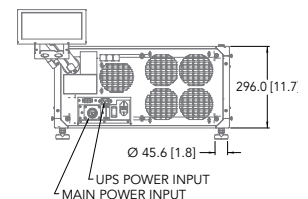
## Side view



## Top view



## Back view



### Corporate offices

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For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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