

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

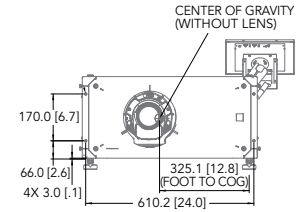
Brightness	nominal	• Up to 8,500 lumens at DCI white (<25°C ambient)
	lifetime	• >50,000 hours ¹
Contrast ratio		• 2000:1 full field on/off with standard high brightness lens
Digital micromirror device		• 0.69" mDC2K 3-chip DMD DLP Cinema® • 2048x1080 pixels (2K)
Color gamut	native gamut	• >95% of Rec 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 / 4K30 fps (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		• 1.2 - 1.72 / 1.33 - 2.1 / 1.62 - 2.7 / 2.09 - 3.9
Power consumption		• 1025W, max DCI brightness, @25°C 3500 BTU/hr
Power input requirements		• Input A 200-240 VAC @ 50-60Hz, 9A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 8A max
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional • Room heat load w/o extraction: 5698 BTU/hr
Laser class		• Class 1 – Risk Group 3
Weight		• As installed: 160lbs max (73kg)
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.

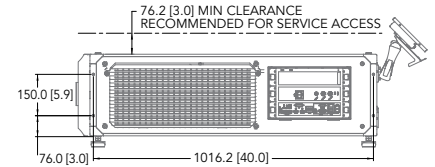
² Supports 3rd party IMB models from Dolby, GDC and others. Please contact Christie for updated compatibility list.

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

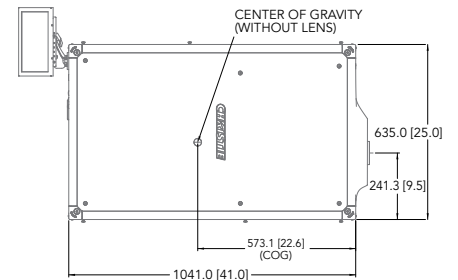
Front view



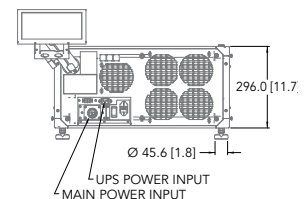
Side view



Top view



Back view



Corporate offices

Christie Digital Systems USA, Inc.
Cypress
PH: +1 714-236-8610

Christie Digital Systems Canada Inc.
Kitchener
PH: +1 519-744-8005

Worldwide offices

Australia
PH: +61 (0) 7 3624 4888

Brazil
PH: +55 11 3181-2952

China (Beijing)
PH: +86 10 6561 0240

China (Shanghai)
PH: +(8621) 6030 0500

Colombia
PH: +57 (315) 652-9620

Germany
PH: +49 221 99 512-0

India
PH: +91 (080) 6708 9999

Mexico
PH: +52 (55) 4744-1791

Singapore
PH: +65 6877 8737

South Korea
PH: +82 2 702 1601

Spain
PH: +34 (0) 91 633 99 90

United Arab Emirates
PH: +971 (0) 4 503 6800

United Kingdom
PH: +44 (0) 118 977 8000

United States (Arizona)
PH: +1 602-943-5700

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

Copyright 2022 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP® and the DLP logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.
CD2982-CP2309-RGB-datasheet-Nov-22-EN-US

