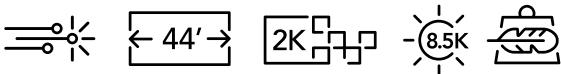# CHRISTIE®

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 44 feet wide

← 44' → | 2K | 8.5K

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® Real laser™ ⊡

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

christiedigital.com/cinema

Innovation in every frame™

Specifications — Christie CP2309-RGB

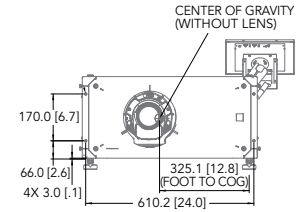| Specifications		Christie CP2309-RGB
Brightness	nominal	• Up to 8,500 lumens at DCI white (<25°C ambient)
	lifetime	• >50,000 hours[1]
Contrast ratio		• 2000:1 full field on/off with standard high brightness lens
Digital micromirror device		• 0.69" mDC2K 3-chip DMD DLP Cinema® • 2048x1080 pixels (2K)
Color gamut	native gamut	• >95% of Rec 2020 coverage
Processing electronics		• Christie® CineLife™ Series-3 (Series-2 IMB compatible)[1] • 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)[2]
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
Power consumption		• 1025W, max DCI brightness, @25°C 3497 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.
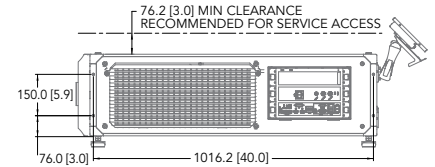
[2] Supports 3rd party IMB models from Dolby, GDC and others. Please contact Christie for updated compatability list.

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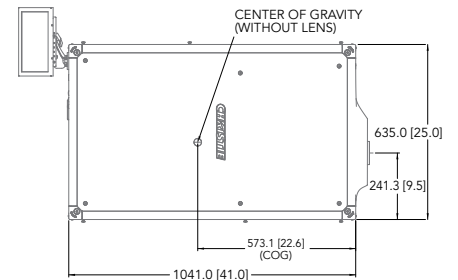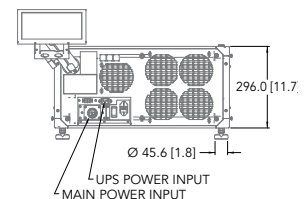
Front view

Side view

Top view

Back view

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

CHRISTIE®