

CP2310-RGBe

Small-screen auditoriums | Boutique cinema | Screening rooms

Advanced, yet affordable, DCI compliant cinema projection with RGB laser illumination for screens up to 47 feet wide



Key features:

- › Improved cinema experience – expanded color gamut, greater brightness and contrast
- › Affordable performance – eliminate lamp costs. Higher optical efficiency from laser diodes
- › Future proofed – HFR capable, 3D ready, compatible with 3rd-party IMBs and features AIC support
- › Enhanced Wavelength Diversity (EWD) – suppresses visible speckle using both time and spatial decoherence.
- › Easy to operate – adds UX inspired interface for playback, scheduling and content management
- › Long-lasting light source – delivers stable light output and consistent colors for 30,000 hours



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

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Compare lamp and laser illumination technologies



Specifications

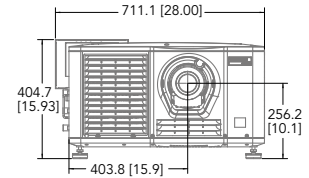
Christie CP2310-RGBe

Brightness	nominal	• Up to 10,000 DCI lumens
	lifetime	• 30,000hrs to 70% brightness (<25°C ambient)
Contrast ratio		• 2000:1 full field on/off
Digital micromirror device		• 0.69" S2K 3-chip DMD DLP Cinema® • 2048 x 1080 pixels (2K)
Color gamut		• >90% of Rec 2020 coverage
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
Input line voltage		• Single phase 200-240V
Power Consumption		• 1180W ¹ max
Laser class		• Class 1 – Risk Group 3
Automation		• GPIO/Health Connector: x4 opto-isolated GPI (inputs), x4 relay driven GPO (outputs), x1 "Projector Health" status - relay driven output • "Serial-over-Ethernet" based automation
Weight		• As installed: 137lbs max (62kg)
Dimensions (w/o lens)	size (LxWxH)	• 27.4 x 27.1 x 15.9" (696 x 688 x 404mm)
Accessories		• Christie IMB-S3 ² • NAS-S2 4TB storage • NAS-S3 5.4TB storage • Rack mount stand

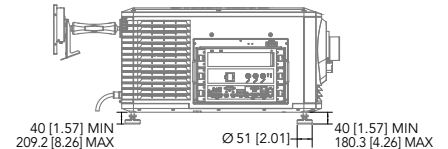
¹ Typical power consumption. May be impacted by environmental conditions.

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

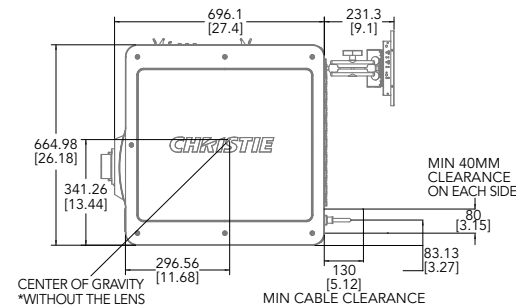
Front view



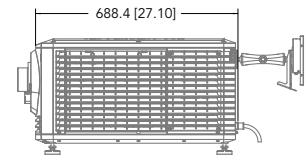
Side view



Top view



Side view



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

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