

CP4415-RGB

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

Advanced, yet affordable, DCI compliant cinema projection featuring Christie RealLaser™ technology for screens up to 52 feet wide



Key features:

- › **Ultra-fast processing** - HDMI 2.0 and 4x 12GB SDI inputs for 1.06G pixels per sec
- › **Long-lasting light source** - over 50,000 hours of optimal performance
- › **Enhanced Wavelength Diversity (EWD)** - utilising MPD technology to improve image quality on all screen types
- › **Low maintenance** - sealed optics for protection against dust ingress
- › **Hyper realism** - new system architecture that displays content without motion blur and artifacts
- › **Best-in-class operational efficiency** - 11.9 lumens per watt

CHRISTIE
RealLaser™

Advanced laser light source for accurate reproduction of DCI content

CineLife+™

Adds ultra high frame rate providing each eye 2K 120fps, 4K 120fps, 4K 3D 60fps

CINEMASTER - CINEMA CALCULATOR

Help find the right lens for your projector on our website



Specifications

Christie CP4415-RGB

Brightness	nominal	• Up to 15,000 lumens ¹
	lifetime	• >50,000 hours ²
Contrast ratio		• Up to 6000:1 full field on/off ³
Digital micromirror device		• 1.38" Enhanced 4K 3-chip DMD DLP Cinema® • 4096 x 2160 (4K)
Color gamut	native gamut	• >95% of Rec 2020 coverage
Processing electronics		• Christie® CineLife+™ Series (Series-2 IMB compatible) ⁴ • HDMI 2.0 x 2 • 4K120 fps ⁵ • 1G Ethernet x 1 • 12G SDI x 4 • DisplayPort 1.2 x 2 • Remote UI • Electronic Color Convergence (ECC)
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• HB and UHC: 1.13-1.66 / 1.31-1.85 / 1.45-2.17 / 1.63-2.71 / 1.95-3.26 / 2.71-3.89 / 3.89-5.43 / 4.98-7.69
Power input requirements		• Input A: 200-240 VAC @ 50-60Hz, 10A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 10A max
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional
Power consumption		• 1295W ⁶ , max DCI brightness, @ 25°C 4400 BTU/hr
Laser class		• Class 1 – Risk Group 3
Weight		• As installed: 238lbs max (108kg)
Dimensions (w/o lens)	size (LxWxH)	• 37.2 x 28.0 x 20.7" (944 x 711 x 525mm)
Accessories		• Rack mount pedestal • Rack mount pedestal adaptor • Extraction duct adaptor • Touch panel controller (optional) • Enhanced 4K HB and UHC lens suite available

¹ With existing high brightness cinema lens.

² Subject to variables specific to each installation. Please see Christie's laser best practices guide for more information.

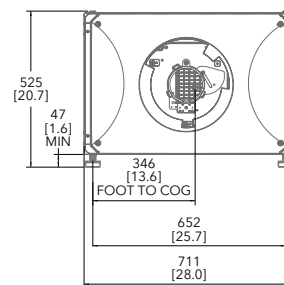
³ With new UHC cinema lens.

⁴ Supports legacy Series 2 IMBs. A list of supported versions is available upon request.

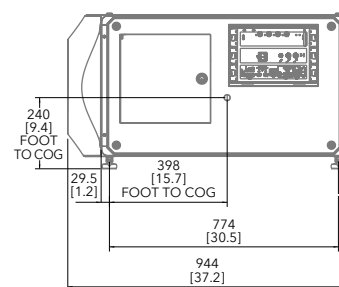
⁵ With the GDC SR-6400 IMB.

⁶ Typical power consumption. May be impacted by environmental conditions.

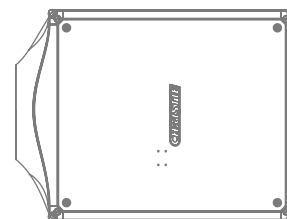
Front view



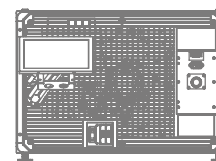
Side view



Top view



Back view



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