

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** - 9.9 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

DIGITAL CINEMA CONFIGURATOR

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® • 4096x2160 (4K)
Color gamut	native gamut	• >95% of Rec 2020 coverage
Processing electronics		• Christie® CineLife+™ Series (Series-2 IMB compatible) ⁴ • HDMI 2.0 x2 • 4K120 fps ⁵ • 1G Ethernet x1 • 12G SDI x 4 • DisplayPort 1.2 x2 • 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		• 1430W, max DCI brightness, @25°C 4880 BTU/hr
Laser class		• Class 1 - Risk Group 3
Weight		• As installed: 285lbs max (130kg)
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.

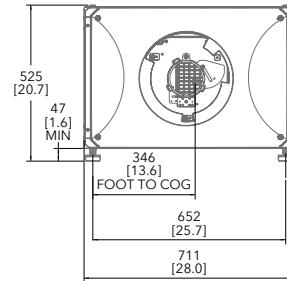
² Subject to variables specific to each installation. Please see Christie's laser best practices guide for more information.

³ With new UHC cinema lens.

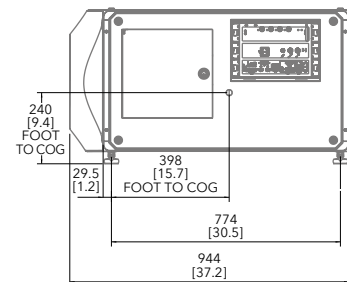
⁴ Supports legacy Series 2 IMBs. A list of supported versions is available upon request.

⁵ With the GDC SR-6400 IMB.

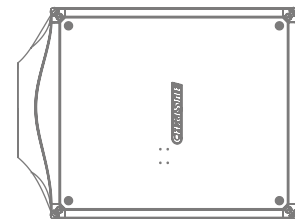
Front view



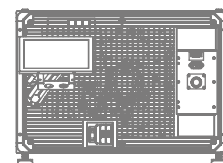
Side view



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	Germany PH: +49 221 99 512-0	South Korea PH: +82 2 702 1601
Brazil PH: +55 11 3181-2952	India PH: +91 (080) 6708 9999	Spain PH: +34 (0) 91 633 99 90
China (Beijing) PH: +86 10 6561 0240	Mexico PH: +52 (55) 4744-1791	United Arab Emirates PH: +971 (0) 4 503 6800
China (Shanghai) PH: +(8621) 6030 0500	Singapore PH: +65 6877 8737	United Kingdom PH: +44 (0) 118 977 8000
Colombia PH: +57 (315) 652-9620		United States (Arizona) PH: +1 602-943-5700

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

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