

CHRISTIE CP4435-RGB

Large-screen auditoriums | Event cinema | Post production

Advanced, yet affordable, DCI compliant cinema projection featuring Christie Reallaser™ technology for screens up to 89 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
- › Low maintenance – sealed optics for protection against dust ingress
- › Enhanced Wavelength Diversity (EWD) – utilising MPD technology to improve image quality on all screen types
- › Backwards compatibility – works with existing Christie accessories and lenses
- › Best-in-class operational efficiency – > 14.6 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



Specifications Christie CP4435-RGB

| | | |
|-----------------------------------|----------------------------|--|
| Brightness | nominal | • Up to 35,000 lumens at DCI white (<25°C ambient) ¹ |
| | lifetime | • >50,000 hours ² |
| Contrast ratio | | • Up to 6000:1 ³ full field on/off |
| 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 (R) CineLife+™ Series (Series-2 IMB compatible) ⁴ • HDMI 2.0 x 2 • 4K120 fps ⁵ • 1G Ethernet x1 • 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, 17A max • Input B (UPS input): 100-240VAC @ 50-60Hz, 10A max |
| Cooling | | • Liquid pressurized/TEC, self-contained • Heat extraction optional |
| Power consumption | | • 2416W ⁶ |
| Laser class | | • Class 1 – Risk Group 3 |
| Weight | | • As installed: 267lbs max (121kg) |
| Dimensions | size (LxWxH) (w/o lens) | • 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.

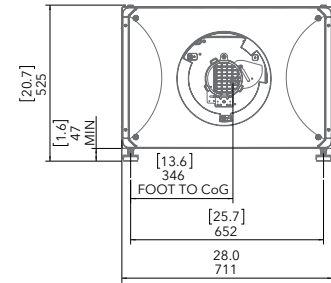
³ With new UHC cinema lens.

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

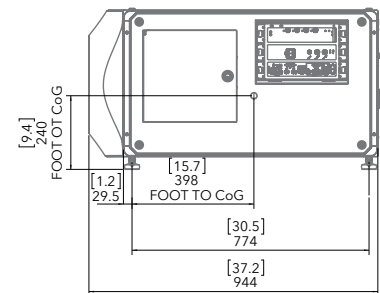
⁵ With the GDC SR-6400 IMB.

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

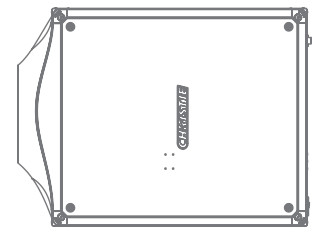
Front view



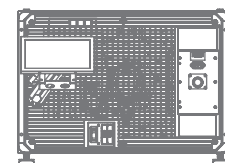
Side view



Top view



Back view



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

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