

Christie CP4330-RGB

Digital cinema
Screening rooms
Post production



RealLaser illumination. Unmatched cinematic performance.

The Christie® CP4330-RGB pure laser cinema projector brings a premium movie-going experience to mainstream theatres. Featuring CineLife™ electronics and RealLaser™ illumination, this compact, all-in-one DCI-compliant projector excels in image quality and operational lifetime while providing a low cost of ownership. With the CP4330-RGB, exhibitors can impress audiences with incredibly colorful and detailed, true-to-life images while benefiting from an affordable platform that will perform well into the future.

RealLaser. Real smart.

What sets Christie RealLaser apart? We've taken everything we know from being the preeminent manufacturer of RGB pure laser projectors and coupled it with the latest innovations in laser devices. The result is an incredibly efficient and long-lasting light source that drastically outperforms any other cinema illumination platform. The long, stable operational life of RealLaser powered projectors means they provide the lowest cost of ownership of any cinema projector in their class. Make bringing the art of exhibition to the next level a reality.

CHRISTIE®

Specifications		Christie CP4330-RGB
Brightness	nominal	• Up to 28,000 lumens (<25°C ambient) ¹
	lifetime	• >30,000 hours to 80% brightness (<25°C ambient)
Contrast ratio		• Up to 6000:1 ²
Digital micromirror device		• 1.38" Enhanced 4K 3-chip DMD DLP Cinema® • 4096 x 2160 (4K)
Color gamut	native gamut	• >95% Rec 2020 coverage
Processing electronics		• Christie® CineLife™ Series-3 (Series-2 IMB compatible - specific models) ³ • HDMI v1.4a x2 • 16-channel AES (RJ45 x2) • 2K120 / 4K48 fps (w/Christie IMB-S3) • Up to 4K120 upgradable • Built-in automation controller • 3D Sync Connector (12V 1A powered) ⁴
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• 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
Input line voltage		• Single phase 220V
Power input requirements		• Input A: 200-240 VAC @ 50-60Hz, 17A, 3300W (11,260 BTU/hr) • Input B (UPS input): 100-240 VAC @ 50/60Hz, 10A, 1000W
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional
Laser class		• Class 1 - Risk Group 3
Dimensions (w/o lens)	size	• (LxWxH): 37.2 x 28 x 20.7" (944 x 711 x 525mm)
	weight	• 285lbs (130kg)
Accessories		• Christie IMB-S3 (153-100102-01) • NAS-S3 5.4TB storage (153-101103-01) • Rack mount pedestal (108-416102-01) • Extraction duct adaptor (163-102104-01) • Rack mount pedestal adaptor (163-101103-01)

¹ With existing high brightness cinema lens.

² With new UHC cinema lenses.

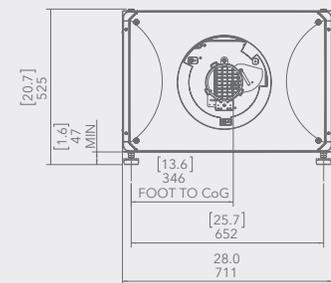
³ Currently supports Dolby IMS2000 / IMS3000, GDC SX-3000 / SX-4000.

⁴ Supports all conventional 3D systems except "color separation" based 3D (i.e. 6P) and "single pass polarized" based 3D.

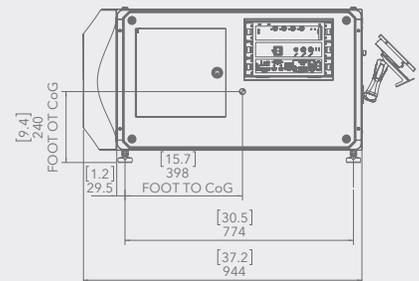
Key features:

- › **Long-lasting, high-performance light source** - Christie RealLaser illumination provides amazing color, extended contrast capabilities and over 30,000 hours of optimal brightness performance
- › **The pinnacle of image quality** - Expansive color gamut with enhanced wavelength diversity and contrast ratios up to 6,000:1 deliver unmatched presentation quality
- › **Christie CineLife electronics** - Streamlined UX-designed interface for simple playback, scheduling and management of cinema content when used with the Christie IMB-S3
- › **Future-proofed** - High Frame Rate capable: 2K 120fps or 4K 48fps for native 3D playback
- › **Compact form factor** - Fits seamlessly into existing booths for easy installation
- › **Backwards compatibility** - Compatible with existing accessories including the Christie Rack Mount Pedestal and cinema lenses for additional cost savings
- › **Fully sealed optics** - Protection from environmental contaminants to maintain optimal performance

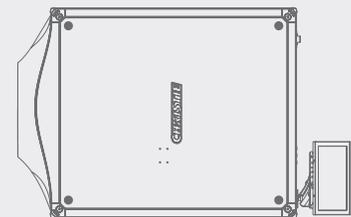
Front view



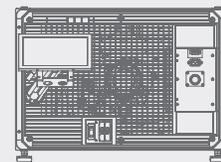
Side view



Top view



Back view



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