

CP4420-Xe

Medium-screen auditoriums | Event cinema | Post production | Screening rooms

Lowest upfront investment for 4K DCI-compliant cinema on screens up to 71 feet wide



Key features:

- › **Ultra-fast processing** – HDMI 2.0 and 4x 12GB SDI inputs for 1.06G pixels per sec
- › **Affordable performance** – Christie Xenolite long-life, lower power-consumption lamps
- › **Flexibility of brightness** – Operates with either standard 2kW, 3kW and high performance 3kW lamps
- › **Brightest picture** – delivers the highest lamp brightness for the longest duration
- › **Compatibility** – Supports Christie accessories, lenses and third party IMBs
- › **Reliability** – split power operation for use with UPS

CHRISTIE XENOLITE

Industry's longest warranted and most reliable lamps - 99.999% uptime



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

DIGITAL CINEMA CONFIGURATOR

Help find the right lamp for your projector on our website



Specifications

Christie CP4420-Xe

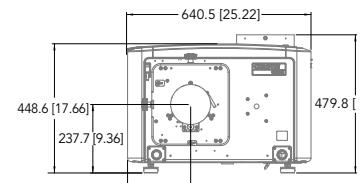
Brightness	nominal	• Up to 22,000 lumens
	screen size	• 71' screen ¹
	lamp	• 2.0kW (CDXL-20) 003-000598-XX • 3.0kW (CDXL-30) 003-000599-XX • 3.0kW (CDXL-30SD) 003-001165-XX
Contrast ratio		• 2000:1 full field on/off
Supported frame rates		• 2D 2K 120 fps • 3D 2K 60 fps • 2D 4K 120 fps • 3D 4K 60 fps
Digital micromirror device		• 1.4" Enhanced 4K 3-chip DMD DLP Cinema® • 4096 x 2160 pixels (4K)
Processing electronics		• Christie® CineLife+™ Series (Series-2 IMB compatible) • HDMI 2.0 x2 • 1G Ethernet x1 • 12G SDI x 4 • DisplayPort 1.2 x2 • Remote UI • Electronic Color Convergence (ECC)
Number of colors		• 35.2 trillion
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• HB and HC: 1.0:1 (HB lens) / 1.25-1.83:1 / 1.45-2.05:1 / 1.60-2.40:1 / 1.80-3.0:1 / 2.15-3.60:1 / 3.0-4.30:1 (HB lens)
Power input requirements		• Main Input: 200-240VAC @ 50-60Hz 21A max • UPS input: 100-240VAC @ 50-60Hz 4A max
Power consumption		• 4200W ² max
Lamp power supply		• 3.3 kW low-ripple switch mode power supply
Weight		• As installed: 256lbs max (116kg)
Dimensions (LxWxH)		• 41.9" x 25.4" x 17.5" (1064 x 644 x 446mm)
Accessories		• Nema-L6 30A 250V male PWR plug w/1.5m cord • Variable aperture kits • Rack mount pedestal • Touch panel controller (optional)

¹ Maximum screen size depends upon various factors such as screen gain, lamp age, geometry, etc. Consult your Christie representative for detailed analysis. Measured at screen center.

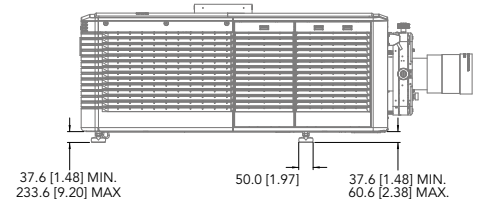
² Typical power consumption. May be impacted by environmental conditions.

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

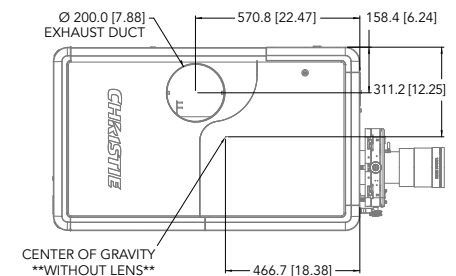
Front view



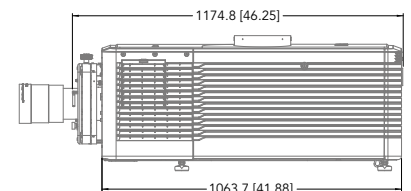
Side view



Top view



Side view



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

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