

## 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

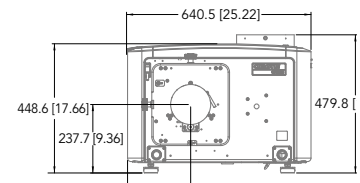
<b>Brightness</b>	nominal	• Up to 22,000 lumens
	screen size	• 71' screen <sup>1</sup>
	lamp	• 2.0kW (CDXL-20) 003-000598-XX • 3.0kW (CDXL-30) 003-000599-XX • 3.0kW (CDXL-30SD) 003-001165-XX
<b>Contrast ratio</b>		• 2000:1 full field on/off
<b>Supported frame rates</b>		• 2D 2K 120 fps • 3D 2K 60 fps • 2D 4K 120 fps • 3D 4K 60 fps
<b>Digital micromirror device</b>		• 1.4" Enhanced 4K 3-chip DMD DLP Cinema® • 4096 x 2160 pixels (4K)
<b>Processing electronics</b>		• 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)
<b>Number of colors</b>		• 35.2 trillion
<b>Lens mount configuration</b>		• Fully motorized Intelligent Lens System (ILS™)
<b>Lenses</b>		• 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)
<b>Power input requirements</b>		• Main Input: 200-240VAC @ 50-60Hz 21A max • UPS input: 100-240VAC @ 50-60Hz 4A max
<b>Power consumption</b>		• 4200W <sup>2</sup> max
<b>Lamp power supply</b>		• 3.3 kW low-ripple switch mode power supply
<b>Weight</b>		• As installed: 256lbs max (116kg)
<b>Dimensions (LxWxH)</b>		• 41.9" x 25.4" x 17.5" (1064 x 644 x 446mm)
<b>Accessories</b>		• Nema-L6 30A 250V male PWR plug w/1.5m cord • Variable aperture kits • Rack mount pedestal • Touch panel controller (optional)

<sup>1</sup> 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.

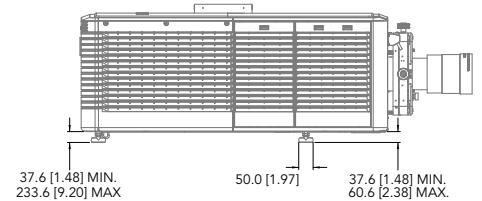
<sup>2</sup> Typical power consumption. May be impacted by environmental conditions.

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

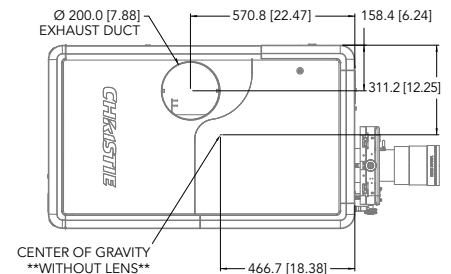
## Front view



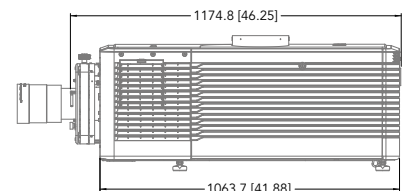
## Side view



## Top view



## Side view



### Corporate offices

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For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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