

# THE NEXT **PHAZE** OF CINEMA ILLUMINATION

Clear, consistent brilliance

Hybrid laser illumination built for color accuracy  
and consistently better visuals on every screen.



**CHRISTIE**  
**PHAZER**

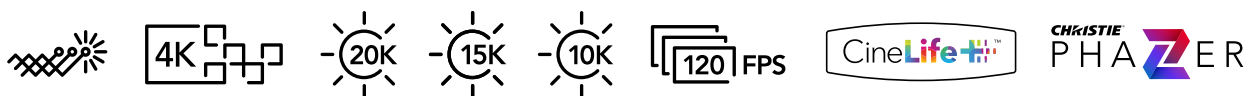


**CHRISTIE®**



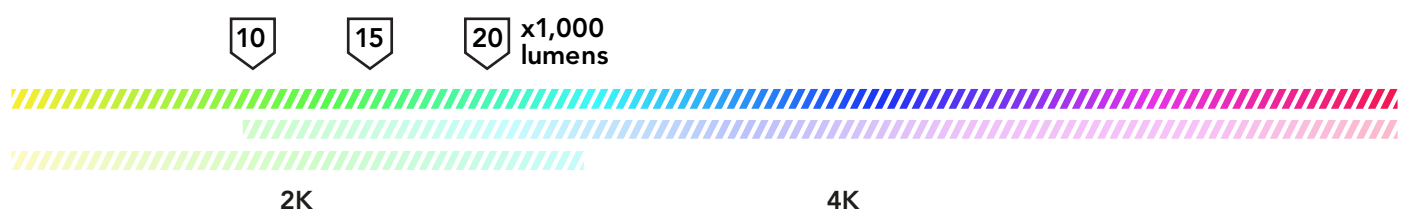
## CP4410m-RGBH | CP4415m-RGBH | CP4420m-RGBH

Small-to-medium screen auditoriums | Boothless applications | Post-production  
Event cinema | Screening rooms



The next phase of cinema illumination has arrived with Christie® CP4410m-RGBH, CP4415m-RGBH, and CP4420m-RGBH hybrid laser projectors.

Featuring Christie CineLife+™ electronics and Phazer™ illumination technology with a 0.98" 4K SST DMD chip, these cinema projectors offer exhibitors and post-production houses even more choice to put the right light on their screens.



## Key features



0.98" 4K SST DMD: Optimized for optical performance in a more cost-effective and compact projector



Hybrid RGB laser with phosphor: Stunning visuals for all post-production and cinema screens.



Smaller, quieter form factor: Ideal for small spaces and boothless installations with a compact chassis and 47dBA or less



Best-in-class operational efficiency: Up to 14.8 lumens per watt



Long-lasting light source: Over 50,000 hours of optimal performance

## Specifications

	CP4410m-RGBH	CP4415m-RGBH	CP4420m-RGBH
Brightness	nominal	Up to 10,000 lumens <sup>1</sup>	Up to 15,000 lumens <sup>1</sup>
	lifetime	>50,000 hours <sup>2</sup>	
Contrast ratio	<ul style="list-style-type: none"> <li>Up to 6,000:1 full field on/off with UHC cinema lens</li> <li>2,500:1 Nominal full field on/off with HB lens</li> </ul>		
Digital micromirror device	<ul style="list-style-type: none"> <li>4K 0.98" SST 3-chip DMD DLP Cinema®</li> <li>4096 x 2160 (4K)</li> </ul>		
Color gamut native gamut	DCI-P3 with more color options in the future		
Processing electronics	<ul style="list-style-type: none"> <li>Christie CineLife+ Series (Series-2 IMB compatible)<sup>3,4</sup></li> <li>HDMI 2.0 x2 • 1G Ethernet x1 • 12G SDI x4 • DisplayPort 1.2 x2</li> <li>Remote UI • Electronic color convergence (ECC)</li> <li>Future compatibility with Christie VDR™</li> </ul>		
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	<ul style="list-style-type: none"> <li>Input A: 200-240 VAC at 50-60 Hz, 16A</li> <li>Input B (UPS input): 100-240 VAC at 50-60 Hz, 10A max</li> </ul>		
Cooling	<ul style="list-style-type: none"> <li>Liquid pressurized/TEC, self-contained</li> <li>Heat extraction optional</li> </ul>		
Power consumption	860W §, nominal, at 25 C 2,930 BTU/hr <sup>5</sup>	1,060W §, nominal, at 25 C 3,620 BTU/hr <sup>5</sup>	1,360W §, nominal, at 25 C 4,640 BTU/hr <sup>5</sup>
Laser class	Class 1 – Risk Group 3		
Dimensions (w/o lens)	Size (LxWxH) 33.5 x 26.8 x 11.98" (850 x 680 x 304 mm)		
Weight	As installed: 132 lbs max (60 kg)		
Accessories	<ul style="list-style-type: none"> <li>Rack mount pedestal</li> <li>Rack mount pedestal adaptor</li> <li>Extraction duct adaptor</li> </ul>	<ul style="list-style-type: none"> <li>Touch panel controller (optional)</li> <li>UHC lens suite available</li> </ul>	

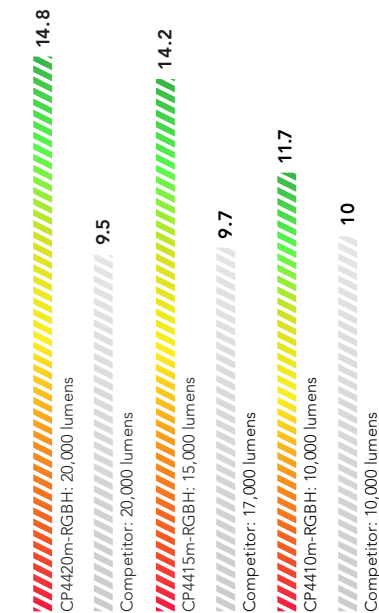
<sup>1</sup> With existing high brightness cinema lens.

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

<sup>3</sup> Supports legacy Series 2 IMBs. Contact Christie for list of supported models.

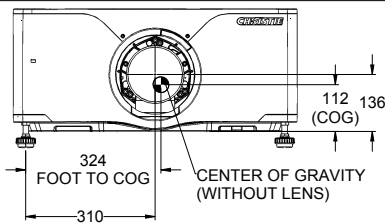
<sup>4</sup> 4K 96fps support for HFR 3D with Christie IMB-S4 and 4K 120fps with the GDC SR-6400 IMB.

<sup>5</sup> Typical power consumption. May be impacted by environmental conditions.

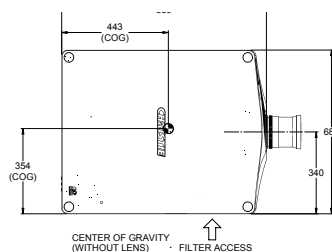


Efficiency against competition  
Lumens per watt

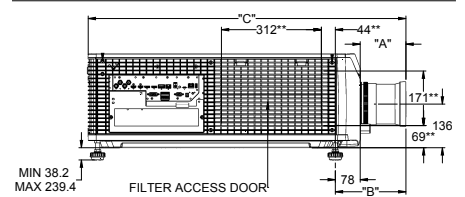
### Front view



### Top view



### Side view



## Discover more

[CP4410m-RGBH data sheet](#)  
Key features and specifications

[CP4415m-RGBH data sheet](#)  
Key features and specifications

[CP4420m-RGBH data sheet](#)  
Key features and specifications

