THE NEXT **PHAZE** OF CINEMA ILLUMINATION

Clear, consistent brilliance

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

CineLife+™

CHRISTIE PHAZER



CHRISTIE®



CP4410m-RGBH | CP4415m-RGBH | CP4420m-RGBH

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

4K | 20K | 15K | 10K | 120 FPS | CineLife+™ | CHRISTIE PHAZER

The next phaze 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.

- SCREENFIT FOR KEYSTONE CORRECTION
- PIXEL PERFECT ALIGNMENT
- <47DB AND SMALL FORM FACTOR
- ELECTRONIC COLOR CONVERGENCE
- LITELOC
- ENHANCED WAVELENGTH DIVERSITY

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.

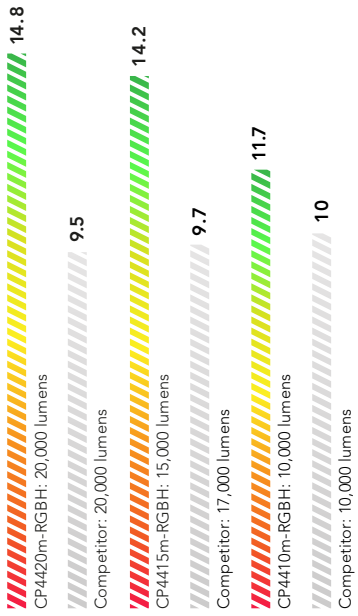
Smaller, quieter form factor: Ideal for small spaces and boothless installations with a compact chassis and 47dBA or less

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

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

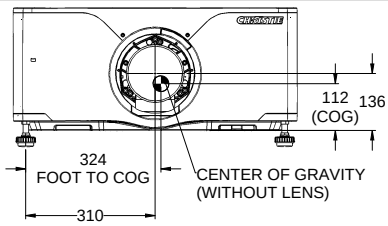
Specifications		CP4410m-RGBH	CP4415m-RGBH	CP4420m-RGBH
Brightness	nominal	Up to 10,000 lumens[1]	Up to 15,000 lumens[1]	Up to 20,000 lumens[1]
	lifetime	>50,000 hours[2]		
Contrast ratio		• Up to 6,000:1 full field on/off with UHC cinema lens • 2,500:1 Nominal full field on/off with HB lens		
Digital micromirror device		• 4K 0.98" SST 3-chip DMD DLP Cinema® • 4096 x 2160 (4K)		
Color gamut	native gamut	DCI-P3 with more color options in the future		
Processing electronics		• Christie CineLife+ Series (Series-2 IMB compatible)[3,4] • HDMI 2.0 x2 • 1G Ethernet x1 • 12G SDI x4 • DisplayPort 1.2 x2 • Remote UI • Electronic color convergence (ECC) • Future compatibility with Christie VDR™		
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 at 50–60 Hz, 16A • Input B (UPS input): 100–240 VAC at 50–60 Hz, 10A max		
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional		
Power consumption		860W §, nominal, at 25 C 2,930 BTU/hr[5]	1,060W §, nominal, at 25 C 3,620 BTU/hr[5]	1,360W §, nominal, at 25 C 4,640 BTU/hr[5]
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		• Rack mount pedestal • Rack mount pedestal adaptor • Extraction duct adaptor	• Touch panel controller (optional) • 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] Supports legacy Series 2 IMBs. Contact Christie for list of supported models.
[4] 4K 96fps support for HFR 3D with Christie IMB-S4 and 4K 120fps with the GDC SR-6400 IMB.
[5] Typical power consumption. May be impacted by environmental conditions.

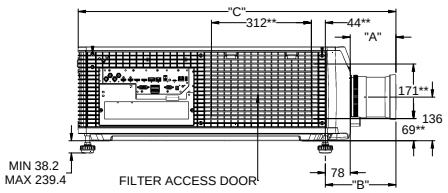


Efficiency against competition
Lumens per watt

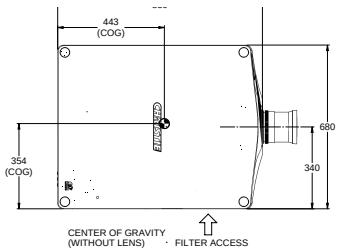
Front view



Side view



Top 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

