World's first advanced format cinema projector featuring Christie RealLaser™ technology for screens up to 101 feet wide

Key features:
- Hyper realism – new system architecture that displays content without motion blur and artifacts
- Ultra-fast processing – HDMI 2.0 and 4x 12GB SDI inputs for 1.06G pixels per sec
- Low maintenance – sealed optics for protection against dust ingress
- Enhanced Wavelength Diversity (EWD) – utilising MPD technology to improve image quality on all screen types
- Long-lasting light source – over 50,000 hours of optimal performance
- Best-in-class operational efficiency – 8.9 lumens per watt

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Innovation in every frame™
**Specifications**

**Christie CP4440-RGB**

### Brightness
- Nominal: 45,000 lumens with HB lens, 35,000 lumens with UHC lens at DCI white (<25°C ambient)
- Lifetime: >50,000 hours

### Contrast ratio
- Up to 6000:1 sequential with UHC lens, 2000:1 with standard HB lens

### Digital micromirror device
- 1.38" Enhanced 4K 3-chip DMD DLP Cinema®
- 4096x2160 (4K)

### Color gamut
- Native gamut: >95% Rec 2020 coverage

### Processing electronics
- Christie® CineLife+™ Series (Series-2 IMB compatible)
- HDMI 2.0 x 2
- 4K120 fps
- 1G Ethernet x1
- DisplayPort 1.2 x 2
- SFP+ x 1
- QSFP+ x 1

### Lens mount configuration
- Fully motorized Intelligent Lens System (ILS™)

### Lenses
- HB and UHC: 0.9:1 (HB) / 1.13-1.66 / 1.31-1.85 / 1.45-2.17 / 1.63-2.71 / 1.95-3.26 / 2.71-3.89

### Power input requirements
- Input A and Input B: 200-240 VAC @ 50-60Hz, 16A max
- UPS Input: 200-240 VAC @ 50-60Hz, Single phase, 10A max
- Chiller: 200-240 VAC @ 50-60Hz, 20A max

### Power consumption
- 5300W including chiller, max DCI brightness, @25°C
- 18,085 BTU/hr

### Heat Extraction
- No heat extraction necessary. CFM requirements when used:
  - Projector 350 CFM min
  - Chiller 1340 CFM min

### Laser class
- Class 1 – Risk Group 3

### Noise level
- <=0 dBA @ 25°C

### Environment
- Ambient temperature: 15-30°C
- Humidity (non-condensing): 20-80%
- Altitude: <3000 m

### Dimensions (w/o lens)
- Projector head: 61.1x28.0x22.0" (1551.1x710.6x559.6 mm)
- Projector pedestal: 53.9x28.0x29.1" (1369.8x756.0x739.4 mm)

### Weight
- Projector head: 385lbs (175kg)

### Chiller dimensions
- (LxWxH): 26.38x18.5x35.0" (670x470x890mm); 202lbs (92kg)
- Chiller hose: 33ft (10m)

### Accessories
- Rack mount pedestal
- 50Hz chiller
- 60Hz chiller
- Chiller setup kit plumbing
- Coolant
- Chiller setup kit ducts

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1. With Enhanced Wavelength Diversity (EWD).
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. A list of supported versions is available upon request.
4. With the GDC SR-6400 IMB.
5. 10L bottle of 702 coolant. Requires 3 bottles per projector.

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

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