

# CHRISTIE XP SERIES LED

Control rooms | Situation rooms | Simulation | Mission-critical installations

Exceptional colors, grayscale precision, and superior performance at any brightness from 0.9mm to 3.7mm pixel pitch, powered by Christie VividLife.

Powered by



## Exceptional precision and performance without compromise

Christie® XP Series LED displays are designed to deliver precise color accuracy and outstanding grayscale fidelity for unmatched visuals in both high-brightness environments and low-light conditions critical for control rooms. Content appears exactly as intended, whether it's a mission-critical command center or training simulations.

### Powered by VividLife™

Engineered with advanced hardware, intelligent processing, pixel-perfect calibration, and an incredibly intuitive web interface, Christie VividLife™ LED video processing platform powers XP Series to offer low-brightness rendering, precise color and brightness uniformity across the display.

## Key benefits

- › **Exceptional image quality:** DCI-P3 colors, 16-bit processing for true-to-life images, and 7,680 Hz high-speed refresh for flicker-free performance
- › **Simplified installation & maintenance:** Ultra-slim 30 mm cabinet design with full front serviceability
- › **Built for the world's most demanding applications** with TAA-compliance, mission-critical 24/7 operation, and automatic calibration.
- › **Take control of your LED:** With the VividLife UI, you can manage, monitor, and fine-tune performance remotely, including color optimizations, diagnostics, and receive instant alerts.
- › **Flexible design options:** Available in a wide range of pixel pitches with options for landscape, portrait, and supports curved installations
- › **High-bandwidth connectivity:** Including 40Gb QSFP fiber, daisy-chain Cat6 Cabinet Link, and support for HDMI and DisplayPort



Preliminary technical specifications		XP0.9	XP1.25	XP1.5	XP1.8	XP2.5	XP3.8
Display technology	pixel pitch	• 0.9375mm	• 1.25mm	• 1.56mm	• 1.87mm	• 2.5mm	• 3.75mm
	led technology	• Flip-chip SMD					
	low calibrated brightness	• 500 nits	• 500 nits	• 400 nits	• 400 nits	• 400 nits	• 400 nits
	maximum calibrated brightness (cd/m <sup>2</sup> )	• 1,000 nits	• 1,000 nits	• 800 nits	• 800 nits	• 800 nits	• 800 nits
	resolution (w x h)	• 640 x 360px	• 480 x 270px	• 384 x 216px	• 320 x 180px	• 240 x 135px	• 160 x 90px
	cabinets to achieve Full HD (1920x1080) resolution	• 3x3	• 4x4	• 5x5	• 6x6	• 8x8	• 12x12
	aspect ratio	• 16:9 or 4:9					
	contrast ratio at 10 lux	• Greater than 5,000:1					
	viewing angle	• ≥160°H, ≥160°V					
	input refresh rate	• 120 Hz					
	output refresh rate	• 7,680 Hz					
	scan rate	• 1/45	• 1/46	• 1/44	• 1/46	• 1/45	• 1/45
	color temperature	• 2,700–9,500 K					
	grayscale	• 16-bit; 24-bit processing					
	color space	• DCI-P3 ≥ 95%					
LED lifespan (50% brightness)	• 100,000 hours						
Power	power input rating	• 100–240 VAC					
	power consumption	• 300W/m <sup>2</sup> at 800 nits (maximum), 140W/m <sup>2</sup> at 800 nits (typical) • 190W/m <sup>2</sup> at 400 nits (maximum), 100W/m <sup>2</sup> at 400 nits (typical)					
Environment	heat output	• Front: 80%, Back 20%					
	operating temperature	• 32–104 F (0–40 C)					
	operating humidity	• 10–90% RH non-condensing					
	storage temperature	• 77–158 F (25–70 C)					
	environment	• Indoor only					
Physical	IP rating	• Front: IP40, Bottom: IP20, Rear: IP00					
	LED module size	• 150 x 337.5 mm OR 300 x 337.5 mm					
	cabinet dimensions	• Landscape: 600 x 337.5 x 30 mm; Portrait: 300 x 675 x 30 mm					
	cabinet weight	• 25 kg/m <sup>2</sup>					
	cabinet material	• Die-cast aluminum					
	service access	• Front serviceable					
	install options	• Flat, concave, convex faceted curves					
	additional features	• TAA-compliant, ADA-compliant, automatic color and brightness matching, automatic cabinet mapping via software application, high bandwidth connection supporting up to 4K/120 Hz sources over long reach fiber, cableless interconnect modules, Cable Link (CL) included					
Certifications	• UL60950, FCC, CE						
Warranty	• Three-year parts and labor limited warranty. Extended warranty option of up to 10 years available for a one-time fee at the time of purchase.						

1 Some of the listed certifications may be pending and not yet issued. For the current status of the listed certifications, please contact an authorized Christie representative.

Performance specifications are typical. Due to constant research and product development, all specifications mentioned above are preliminary and are subject to change without notice.



Learn more at [christiedigital.com/XP-LED](http://christiedigital.com/XP-LED)

Copyright 2026 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP® and the DLP logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.  
CD68201-XP-Datasheet-Gov-Jan-26-EN

