

Christie LWU420

Classrooms
Conference rooms
Meeting rooms
Training rooms
Video conference rooms



Maximum resolution

The LWU420 is an inorganic LCD projector that offers WUXGA (1920 x 1200) resolution with 4200 ANSI lumens, making it the ideal choice for small to medium sized venues. Widescreen resolution matches today's computer monitors, so taking your presentation from desktop to large screen is a seamless transition with no scaling required. It's designed for professional use, providing the highest level of data resolution without compromising full HD video content.

Inorganic LCDs offer exceptional image performance with superior black levels and longer life operation without image degradation. The latest long-life optical components require minimal maintenance for increased reliability and years of worry-free presentations.

This compact, lightweight projector has sturdy carrying handles that make it easily portable. The standard 2x zoom lens, horizontal and vertical lens shift and automatic digital

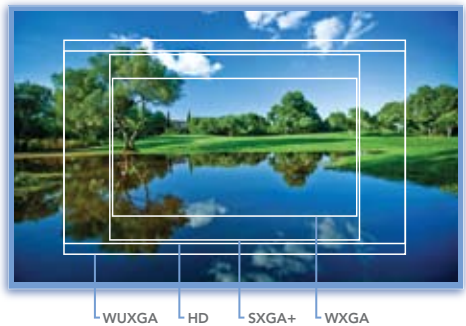
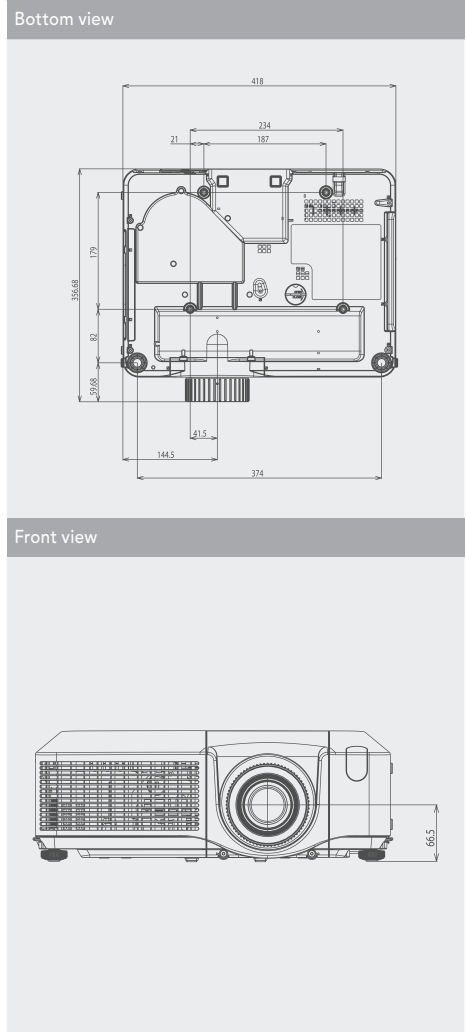
keystone technology allow for quick set-up, in a broad range of installations.

The Picture-in-Picture and Picture-by-Picture modes let you display two images layered or side-by-side. Another great feature of the LWU420 is the low power consumption in standby mode – only 15 watts! It is packed full of premium features, at an affordable price, and is backed by Christie's industry leading warranty, service and support.

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LWU420 (121-004105-01)		
Image	brightness	• 4200 ANSI lumens (single lamp)
	contrast	• 1000:1 (full on/off)
	uniformity	• 90% brightness uniformity (corner to center)
Display technology	type	• 3 x 0.76" Inorganic LCDs
	native resolution	• WUXGA (1920 x 1200) Native aspect ratio 16:10, selectable aspect ratios 16:9, 4:3, 14:9
Lamp	type	• 330W NSH 1x lamp
	typical life	• Normal mode: up to 2000hrs • Eco mode: up to 3000hrs
Input	signals	• VGA through WUXGA (1920 x 1200) • Accepts current HDTV/DTV formats (480i, 480p, 576i, 720p, 1080i, 1080p) • NTSC, NTSC 4.43, PAL, PAL M, SECAM, PAL-N
	pixel clock	• 27MHz ~ 150MHz
	scan rates	• Horizontal frequency range 15-100kHz • Vertical frequency range 48-100Hz
Inputs, control and networking	input	• HDMI v1.3 x 1 (HDCP Compliant) • HD 15 x 1 (with HD15 loop-through) • BNC x 5 (R,G,B,H,V & Y, Pb/Cb, Pr/Cr & Composite) • YPbPr (component video RCA x 3), 1 RCA composite video • Mini DIN 4-pin (S-video) • Audio input (x 4), Dsub-9 x 1 • LAN port • R/C Jack – Mini jack x 1 • Output HD 15 x 1 (loop-through) • Audio output x 1 mini jack
	output	• 8W Stereo
Optical system		• Powered zoom, focus and lens shift • Ships with a standard 2x zoom lens 1.5-2.9:1
Accessories	standard	• RGB cable • Users manual • Wireless remote control unit • Security label • Power cord (US, UK, Euro)
	optional	• Filter cartridge – 003-003084-XX • Replacement lamp (including filter cartridge) – 003-120507-XX
Enhanced feature sets		• Aspect Ratio Selection; Native 16:10, 16:9, 4:3, Auto Detect • Dynamic iris control • Customizable start-up logo • Auto Digital keystone H/V • Anti-theft: kensington style slot and security bar • Support for closed caption video display (NTSC) • RJ45 LAN connection with network control and SNMP monitoring • 3D Keystone™ advanced four corner geometry correction • Picture-by-Picture (PbyP)
Power requirements	operating voltage	• 100-120 VAC ±10% • 200-240 VAC ±10%
	operating current	• 5.0A max @ 100-120 VAC 50/60Hz • 2.1A max @ 200-240 VAC 50/60Hz
	power	• 460W max
	dissipation	• 1569 BTU/hr
Dimensions	size	• Body with lens (LxWxH): 19.39 x 6.50 x 17.23" (489.5 x 164.0 x 438.0mm)
	weight	• 15.8lbs (7.2kg) with lens
	shipping weight	• 25.60lbs (15.8kg)
	shipping size	• (LxWxH): 26.81 x 12.52 x 22.9" (681.0 x 318.0 x 581.0mm)
Noise		• Standard mode: 36dBA • Eco mode: 30dBA
Operating environment		• Operating temperature: 41-95°F (5-35°C)
		• Storage temperature: -4-140°F (-20-60°C)
		• Humidity (non-condensing): 10-85%
		• Altitude: 0-6000ft (0-1829m)
Regulatory approvals		This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • FCC Part 15, Subpart B Class A • CISPR22/EN55022 • CISPR24/EN55024 • UL 60950-1 first edition • CAN/CSA-C22.2 No 60950-1-03 first edition • IEC60950-1:2001 • 2002/95/EC RoHS
Limited warranty	projector	• 3 years parts and labor
	lamp	• 500 hrs or 120 days (whichever comes first) • Contact an authorized Christie representative for full details of our limited warranty

Performance specifications are typical and are subject to change without notice.



▲ With WUXGA resolution, you can view more without having to worry about scaling.

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ISO 9001



ISO 14001



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