

# Christie LWU420

Classrooms  
Conference rooms  
Meeting rooms  
Training rooms  
Video conference rooms



## Maximum resolution

The Christie 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 Christie 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.

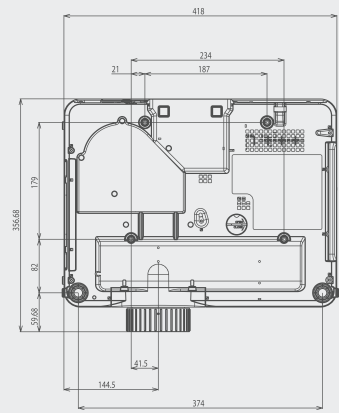
**CHRISTIE®**

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	• 275W UHB		
	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		
Inputs, control and networking	input	• HDMI v1.3 x 1 (HDCP Compliant) • HD 15 x 1 • 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	• Output HD 15 x 1 (loop-through) • Audio output x 1 mini jack		
	audio	• 8W Stereo		
Optical system		• Manual 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 • 15W standby mode	
	dissipation*	• 1569 BTU/hr		
	Dimensions	size	• Body with lens (LxWxH): 14.1 x 16.5 x 5.5" (357 x 418 x 139mm)	
shipping size		• (LxWxH): 18.8 x 21.6 x 9.6" (478 x 555 x 244mm)		
weight		• 15.9lbs (7.2kg) with lens		
shipping weight		• 26.4lbs (12kg)		
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

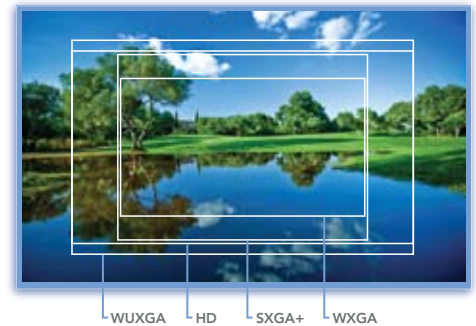
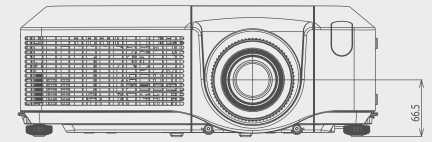
\*At operating voltage 100-120V/200-240V

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

#### Bottom view



#### Front view



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

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3 YEAR WARRANTY

CHRISTIE LCD,  
1-CHIP AND 3-CHIP DLP®

ISO 9001



ISO 14001



For the most current specification information, please visit [www.christiedigital.com](http://www.christiedigital.com)



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