



^ 630-GS and 635-GS available only in white except for China, where it is only available in black.

# LONG-LIFE LASER PROJECTORS WITH A LOW COST OF OWNERSHIP

Avoid downtime, cost of lamp replacements and maintenance by choosing the Christie® GS Series of solid state illumination projectors for your next project. From business venues to events and beyond, professional-grade Christie GS Series models deliver great performance and reliability in high-usage environments.

Featuring laser phosphor illumination, the Christie GS Series typically provides 20,000 hours of low-cost operation. Wireless connectivity, a small footprint, lightweight, quiet operation and a full suite of lenses makes the GS Series ideal for boardrooms, conference rooms, education, worship facilities, live event staging and other small and medium venues.

Our proprietary Christie BoldColor™ Technology in the 850-GS and 1075-GS models takes 1DLP® laser phosphor to even higher levels of brightness and image quality with even more accurate color reproduction.



> 850-GS is available in black or white. The 1075-GS is available in black only.

**CHRISTIE**  
christiedigital.com

## CHRISTIE GS SERIES

Long-life 1DLP laser projectors

- Boardrooms
- Conference rooms
- Education spaces
- Government
- Live event staging
- Museums
- Themed parks and attractions
- Worship facilities



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

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**CHRISTIE**

# Christie GS Series

All Christie® GS Series projectors deliver accurate color reproduction, image quality and high brightness. Christie 850-GS and 1075-GS models include proprietary Christie BoldColor™ Technology for the most life-like images and natural color reproduction possible with laser phosphor illumination – an industry first.

Technical Specifications		Christie DWU630-GS	Christie DHD630-GS	Christie DWU850-GS	Christie DHD850-GS	Christie DWU1075-GS	Christie DHD1075-GS
Image	brightness	<ul style="list-style-type: none"> <li>• 6750 ISO lumens (typical)</li> <li>• 6000 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 6125 ISO lumens (typical)</li> <li>• 5900 ANSI Max</li> <li>• 5400 ANSI (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 8400 ISO lumens (typical)</li> <li>• 7500 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 7750 ISO lumens (typical)</li> <li>• 6900 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 10,875 ISO lumens (typical)</li> <li>• 9500 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 10,000 ISO lumens (typical)</li> <li>• 8800 ANSI lumens (typical)</li> </ul>
	color wheel	<ul style="list-style-type: none"> <li>• 4 segment (RGBY) – 2X or 3X speed</li> </ul>					
Display technology	contrast (full on/full off)	<ul style="list-style-type: none"> <li>• Full on/off (Christie RealBlack™ enabled): 300,000:1 • Dynamic contrast 6000:1</li> <li>• Full on/off (Christie RealBlack disabled): 1200:1, ANSI 250:1</li> </ul>		<ul style="list-style-type: none"> <li>• Full on/off (Christie RealBlack enabled): 300,000:1 • Dynamic Contrast: 6000:1</li> </ul>	<ul style="list-style-type: none"> <li>• Full on/off (Christie RealBlack disabled): 1200:1, ANSI: 250:1</li> </ul>	<ul style="list-style-type: none"> <li>• Full on/off (Christie RealBlack enabled): 2,000,000:1 • Dynamic contrast: 6000:1</li> <li>• Full on/off (Christie RealBlack disabled): 1200:1 • ANSI 250:1</li> </ul>	
	type	<ul style="list-style-type: none"> <li>• 1-chip 0.67" DMD S600HB</li> </ul>		<ul style="list-style-type: none"> <li>• 1-chip 0.67" DMD</li> </ul>			
Illumination	native resolution	<ul style="list-style-type: none"> <li>• 1920 x 1200 (2,304,000 pixels) (16:10)</li> </ul>		<ul style="list-style-type: none"> <li>• 1920 x 1200 (2,304,000 pixels) (16:10)</li> </ul>			
	color control	<ul style="list-style-type: none"> <li>• Features precise software color adjustments for hue, saturation and gain. Adjust the hue of each primary color component (red, green, blue and white) for perfecting images on an individual projector or for matching colors across multiple adjacent displays</li> </ul>					
Inputs	type	<ul style="list-style-type: none"> <li>• High Efficiency Blue Laser Phosphor</li> </ul>		<ul style="list-style-type: none"> <li>• Laser phosphor with Christie BoldColor Technology</li> </ul>			
	performance	<ul style="list-style-type: none"> <li>• 20,000 hrs to 50% brightness</li> </ul>					
Signal outputs	standard	<ul style="list-style-type: none"> <li>• HDMI x 2 (HDCP 1.3)</li> <li>• DVI-D x 1 (digital only) • VGA x 1</li> <li>• Remote in: 3.5mm stereo female (provides serial communications and power)</li> <li>• HDBaseT (RJ45 x 1) • RJ45 x 1 (Control over wired network connection)</li> </ul>		<ul style="list-style-type: none"> <li>• HDMI x 2 (HDCP 1.3 ) (one on side panel, one on bottom) • 3GSDI x 1 (BNC)</li> <li>• DVI x 1 (digital only); VGA x 1</li> <li>• USB x 1 (Type A); Mini USB x 1 (Type B)</li> <li>• RS232 in • Control via HDBaseT</li> <li>• Ethernet (10/100) RJ45</li> <li>• Built-in backlit keypad</li> <li>• Wired remote control (3.5mm stereo) – loop out available for daisy chaining</li> </ul>			
	3D	<ul style="list-style-type: none"> <li>• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side</li> <li>• Up to 144Hz output • Does not support Frame Sequential 3D</li> <li>• 3D Sync out (BNC) – for genlocking projectors or controlling emitter or polarizer</li> </ul>		<ul style="list-style-type: none"> <li>• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side/frame sequential (up to 120 Hz)</li> <li>• Up to 120 Hz output • 3D Sync in (BNC) – for genlocking projectors</li> <li>• 3D Sync out (BNC) – for genlocking projectors or controlling emitter or polarizer</li> </ul>			
	signals	<ul style="list-style-type: none"> <li>• HDTV formats VGA through to WUXGA (1920 x 1080)</li> <li>• Horizontal and vertical scaling while maintaining aspect ratio (all inputs)</li> </ul>					
	pixel clock	<ul style="list-style-type: none"> <li>• 162 MHz (1600 x 1200); 154 MHz (1920 x 1200)</li> </ul>					
	scan rates	<ul style="list-style-type: none"> <li>• Horizontal: 15-91kHz • Vertical: 24-120Hz</li> </ul>					
monitor out	<ul style="list-style-type: none"> <li>• VGA x 1</li> </ul>		<ul style="list-style-type: none"> <li>• 3GSDI x 1 (BNC)</li> <li>• HDMI x 1 out</li> </ul>				
Warping and blending	<ul style="list-style-type: none"> <li>• None</li> </ul>		<ul style="list-style-type: none"> <li>• Embedded warping and blending (no option board required)</li> </ul>				
Control and networking	<ul style="list-style-type: none"> <li>• RS232 in • Control via HDBaseT</li> <li>• Ethernet (10/100) RJ45</li> <li>• Built-in backlit keypad • IR remote</li> <li>• Wired remote control (3.5mm stereo)</li> </ul>		<ul style="list-style-type: none"> <li>• RS-232 in • Control via HDBaseT</li> <li>• Ethernet (10/100) RJ-45 with ChristieNET™ connectivity</li> <li>• Built-in backlit keypad</li> <li>• Wired remote control (3.5mm stereo) – loop out available for daisy chaining</li> </ul>				
Lens mount	type	<ul style="list-style-type: none"> <li>• Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment</li> </ul>					
Lenses	0.36:1 Fixed UST lens offsets	<ul style="list-style-type: none"> <li>• Fixed</li> </ul>				<ul style="list-style-type: none"> <li>• ±100% Vertical (±600 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	
	075 - 5.50 TR Lenses offsets	<ul style="list-style-type: none"> <li>• ±100% Vertical (540 pixels)</li> <li>• ±30% Horizontal (288 pixels)</li> </ul>		<ul style="list-style-type: none"> <li>• ±100% Vertical (±648 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>		<ul style="list-style-type: none"> <li>• ±100% Vertical (±600 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	
Accessories	optional	<ul style="list-style-type: none"> <li>• 0.75-0.95: Lens 0.75-0.95 Zoom G (140-119102-XX)</li> <li>• 0.95-1.22: Lens 0.95-1.22 Zoom G (140-101103-XX)</li> <li>• 1.22-1.52: Lens Zoom HP G/GS 1.22-1.52 (140-131106-XX)</li> <li>• 1.52-2.89: Lens 1.52-2.89 Zoom G (140-102104-XX)</li> <li>• 2.90-5.50: Lens 2.9-5.50:1 Zoom G (140-107109-XX)</li> <li>• Lens UST 0.36 (120") Ultra short throw lens, (140-133108-01)</li> </ul>		<ul style="list-style-type: none"> <li>• Lens 0.36 (120") Ultra short throw lens</li> <li>• Lens 0.75-0.95 Zoom G/GS</li> <li>• Lens 0.95-1.22 Zoom G/GS</li> <li>• Lens Zoom HP G/GS 1.22-1.52 Zoom G/GS</li> <li>• Lens 1.52-2.89 Zoom G/GS</li> <li>• Lens 2.9-5.50:1 Zoom G/GS</li> </ul>			
	standard	<ul style="list-style-type: none"> <li>• IR remote with wired remote jack (wire not included) • AC line cord for projector head • User manual</li> </ul>		<ul style="list-style-type: none"> <li>• Christie One Mount (108-506102-01)</li> <li>• One Mount Extender Rod (121-125109-01) • Wireless dongle (133-113106-01)</li> <li>• One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) (121-126100-01)</li> <li>• Cable Cover GS White (140-106108-01)</li> </ul>		<ul style="list-style-type: none"> <li>• Christie One Mount Plus (140-117100-XX)</li> <li>• One Mount Extender Rod (121-125109-01) • Wireless dongle (133-113106-01)</li> <li>• One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) (121-126100-01)</li> </ul>	
Power requirements	operating voltage	<ul style="list-style-type: none"> <li>• Normal: 100-240 VAC @ 50/60 Hz</li> </ul>		<ul style="list-style-type: none"> <li>• Normal: 100-240 VAC @ 50/60Hz (w/ 15A fuse)</li> </ul>			
	power consumption	<ul style="list-style-type: none"> <li>• Normal mode: 650W</li> </ul>		<ul style="list-style-type: none"> <li>• Normal mode: 900W</li> </ul>		<ul style="list-style-type: none"> <li>• Normal mode: 1070W</li> </ul>	
Audible noise	operating current	<ul style="list-style-type: none"> <li>• Normal mode: 9.5A (100V-240V)</li> </ul>		<ul style="list-style-type: none"> <li>• Normal mode: 9A (100V-240V)</li> </ul>		<ul style="list-style-type: none"> <li>• Normal mode: 10A (100V-240V)</li> </ul>	
	dissipation	<ul style="list-style-type: none"> <li>• Normal Mode: 2218 BTU/hr</li> <li>• ECO2 Mode: 1068 BTU/hr</li> </ul>		<ul style="list-style-type: none"> <li>• 3071 BTU/hr (Normal mode)</li> <li>• 1689 BTU/hr (ECO2 mode)</li> </ul>		<ul style="list-style-type: none"> <li>• Normal Mode: 3651 BTU/hr</li> <li>• ECO2 Mode: 1843 BTU/hr</li> </ul>	
Physical	size	<ul style="list-style-type: none"> <li>• (LxWxH): 19.9 x 18.0 x 7.5" (505 x 456 x 190mm) w/o feet or lens</li> </ul>		<ul style="list-style-type: none"> <li>• (LxWxH): 18.9 x 21.9 x 7.5" (480 x 555 x 190mm) w/o feet or lens</li> </ul>			
	shipping size	<ul style="list-style-type: none"> <li>• (LxWxH): 24.7 x 23.5 x 13.7" (626 x 596 x 349mm)</li> </ul>		<ul style="list-style-type: none"> <li>• (LxWxH): 23.6 x 29.9 x 14.7" (599 x 759 x 373mm)</li> </ul>			
	weight	<ul style="list-style-type: none"> <li>• 34.94lbs (15.85kg) w/o lens</li> </ul>		<ul style="list-style-type: none"> <li>• 23.7kg (52.4lb.) w/o lens</li> </ul>		<ul style="list-style-type: none"> <li>• 24.9kg (54.9lb.)</li> </ul>	
	shipping weight	<ul style="list-style-type: none"> <li>• 47.06lbs (21.35kg)</li> </ul>		<ul style="list-style-type: none"> <li>• 30kg (66.3lb.)</li> </ul>		<ul style="list-style-type: none"> <li>• 31.7kg (69.9lb.)</li> </ul>	
Environment	operating conditions	<ul style="list-style-type: none"> <li>• 32-104°F (0-40°C) • Humidity: 10-85% non-condensing</li> </ul>					
Regulatory		<ul style="list-style-type: none"> <li>• This product conforms to all relevant European directives, standards, safety, health and environmental concerns</li> <li>• Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1</li> <li>• FCC Class A • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • TER</li> </ul>					
Warranty		<ul style="list-style-type: none"> <li>• Three years on the projector • Three years or 15,000 hours on the illumination system<sup>1</sup></li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>					

<sup>1</sup> Reference the Christie Standard Limited Warranty document for details.