

Ricoh WUL6690

9,600 Lumen Full HD WUXGA Laser Projector

RICOH
imagine. change.



Create impactful, large-scale displays with superior brightness, premium image quality, and specialized features essential for large venues and demanding environments.



Powerful 9,600-Lumen Projection

Delivering an impressive 9,600 lumens, the WUL6690 projects large-scale displays with rich color and deep contrast, even in the most demanding environments.



High-Definition Resolution with 4K Signal Compatibility

Project sharp, detailed visuals with native WUXGA (1920x1200) resolution, enhanced by 4K signal compatibility for superior clarity and definition.



Motorized Lens Shift, Zoom, and Focus

Easily make precise adjustments, even after installation, with fully motorized lens shift, zoom, and focus.



Unmatched Longevity and Performance

Experience up to 20,000 hours of maintenance-free operation with multi-module laser technology, minimizing downtime and reducing total cost of ownership.



Advanced Adjustments for Any Venue

Fine-tune your display with features like four-corner correction, curved surface correction, and built-in edge blending for seamless multi-unit projection.



Lifelike Color Accuracy

Enjoy lifelike visuals with 97% Rec. 709 color gamut coverage, enhanced by Ricoh's NCE natural color gain technology and advanced RGB adjustment.



Ultimate Installation Flexibility

The WUL6690 supports 360-degree installation and allows for even more precise image placement with its fully motorized zoom and lens shift.



Comprehensive Connectivity & Integration Capabilities

Connect seamlessly with HDMI 2.0, HDMI 1.4, and HDBaseT inputs, and integrate easily into existing AV setups with support for third-party control systems.

Ricoh WUL6690 Specifications



Model: RICOH PJ WUL6690

Part Number	432667
Projection System	DLP
Chip Size	0.67 inch
Brightness	9,600 Lumens
Contrast Ratio	3,380,000:1
Aspect Ratio	Auto (16:10, 16:9, 4:3)
Resolution	WUXGA (1920 x 1200 pixels)
Light Source	Laser
Light Source Lifetime	20,000 hours
Image Size (Diagonal)	30-300 inch
Projection Distance	2.56 – 42.85 feet
Throw Ratio	1.25-2.0
Color Reproduction	1.07 billion colors
Focus	Motorized
Zoom Ratio	1.6x (Motorized)
Lens Shift	Horizontal: ±25% / Vertical: ±55% (Motorized)
Geometric Correction	Keystone (Horizontal: ±30° / Vertical: ±30°) Four Corner Correction Curved Correction Grid Adjustment
Portrait & 360-Degree Projection	Supported
Multi-Projection/Edge Blending	Supported
Input	HDMI 2.0 / HDCP 2.2 HDMI 1.4 / HDCP 1.4 D-Sub 15pin (Blue) BNC (3D Sync In) HDBase-T RJ45 3.5mm mini jack (Audio In) 3.5mm mini jack (Wired IR/Remote)

Output	HDMI 2.0 / HDCP 2.2 (Out) BNC (3D Sync Out) 3.5mm mini jack (Audio Out) 3.5mm mini jack (12V Power Trigger)
Control	D-sub 9pin (RS232C) RJ45 (Wired LAN)
Other	USB-A (Power Out)
Noise Level	Standard: 34dB / Eco: 27dB
Dimension (WxDxH) (without feet)	19.13 x 14.8 x 5.91 inches (486 x 376 x 150mm)
Weight (Projector)	29.76 lbs
Environmental Conditions	32°F to 104°F (0°C to 40°C) Humidity: 10-85% (non-condensing)
Power Supply Voltage	100-240V 50/60HZ
Power Consumption (Standard/Eco)	542W / 275W (110V); 526W / 270W (220V)
Stand-by Power Consumption	<0.5W
Dust-Proof	IP5X
High Altitude Mode	Supported
Audio	10W x 2 (Stereo Speakers)

- Stated lumen ratings are based on ANSI standard.
- The above appearances and specifications are subject to change without notice.
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WUL6690 Projection Distance & Image Size | 16:10 Aspect Ratio

Image Size (inches)	Min. Distance (feet)	Max. Distance (feet)
30	2.56	4.13
80	7.05	11.29
100	8.89	14.17
110	9.78	15.58
180	16.11	25.62
200	17.91	28.51
300	26.97	42.85