

High End Laser Projector  
6,000 lumens

# RICOH PJ WUL6280

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## Premium on-screen laser quality

**With the exceptional brightness and longer operational life the laser light source provides boosted by a high resolution of 6,000 lumens, the PJ WUL6280 projects superb quality screening for large audiences.**

The advanced laser light source provides typically 20,000 hours of operation without requiring maintenance. This is the ideal high resolution, low maintenance projector for business conferences, education lecture halls, places of worship, auditoriums and all venues with large audiences.

- WUXGA resolution with laser light for outstanding colour saturation and high contrast images
- Laser light provides typically 20,000 hours of operation, reducing total cost of ownership
- Choice of connectivity options including HDBaseT single cable connection for power, video and audio
- Five swappable lenses to suit any room or viewing requirements including ultra-long zoom lens
- Install at any projection angle, even diagonal, with vertical and horizontal keystone adjustment



# For the very best in projection

## Economical and better for the environment

Optimum brilliance takes less than a minute to warm-up with advanced laser technology. Conventional mercury lamps fade, burn out or require replacement, produce considerable more heat and contain mercury, a significant percentage of mercury-containing lamps end up in landfill each year.

With advanced laser lamp-free technology operational life is typically 6 times longer at 20,000 hours minimising maintenance and reducing heat generated, which is better for the environment. Noise levels are also significantly reduced at just 35db in Eco mode.

## Pleasurable viewing with top-of-the-line resolution

The PJ WUL6280 has the benefit of superb WUXGA 1920 x 1200 pixel resolution to support HD quality presentations in 16:10 screen aspect ratio. Together with dynamic contrast ratio of up to 100,000:1, this combination of image brilliance and high resolution 6,000 lumens provides easy viewing for larger audiences of 100 or more, even during long presentations.

## Advanced connectivity

Project images from a choice of source devices, the PJ WUL6280 offers an array of input ports including an HDBaseT interface. This allows a single Cat6 cable of up to 100 metres to transmit HD video and audio input, together with power and all control signals.

An HDMI connection means you can project high quality HD images and a USB port to screen slideshows without a computer connection.

## Ultimate flexibility in screening options

360° installation allows projection of images onto walls, ceiling or floor with a choice of 5 lenses. Portrait mode projection is ideal for digital signage and the vertical / horizontal lens shift corrects keystone images without moving the projector. Pincushion correction allows projection even onto curved surfaces. The PIP/PBP function enables you to display and toggle between two image sources at once.



# Make the most of any space

Where your audience sits shouldn't compromise how they view your presentation. Simply choose between five interchangeable lenses to accommodate your room, audience and presentation. From diagonal screen sizes as small as 50 inches up to 300 inches projections, use the PJ 6280 Series laser projectors so every person in your audience – from the first row just a few feet from the screen to the last row many feet away – sees every image with incredible colour and clarity. Add your choice of media source, including computers, TVs, DVDs and more and use 360-degree tilting to showcase images on floors, ceilings, angled walls and more, making the projector perfect for unique applications.



Ultra Short Throw (A1)



Short Throw (A2)



Standard (A3)



Long Zoom (A4)



Ultra Long Zoom (A5)

Projection Lens	Ultra Short Throw	Short Throw	Standard	Long Zoom	Ultra Long Zoom
Lens Model	A1	A2	A3	A4	A5
Focal Length (f)	11.11-14.06	14.03 - 17.95	18.07-22.59	22.56-42.87	42.60-80.90
F number	2.30-2.53	2.30 - 2.57	2.00-2.32	2.30-3.39	2.30-2.74
Zoom Range (ratio)	1.26X	1.28X	1.25X	1.9X	1.9X
Zoom & Focus Adjustment	Motorised				
Throw Distance	0.81-6.14m	1.02-7.88m	1.31-9.89m	1.64-18.87m	3.12-35.54m
Throw Ratio	0.75-0.95	0.95-1.22	1.22-1.53	1.53-2.92	2.90-5.50



# Picture in picture / Picture by picture

Simultaneously share images on the one screen. One image can be set as the main display; the other can be pictured side by side or a sub image within the main image. Picture-in-Picture (PIP) and Picture-by-Picture (PBP) allows for before-and-after comparisons, competing proposals, or multiple presenters on screen together. In PBP mode the main and sub images are displayed side-by-side in equal size, easily swapping image positions when required. In PIP the sub display appears inside the main display. You can change PIP image positions toward each corner of the screen, and swap images with the main display.



Picture 1



Picture 2

## Picture in Picture



## Picture by Picture

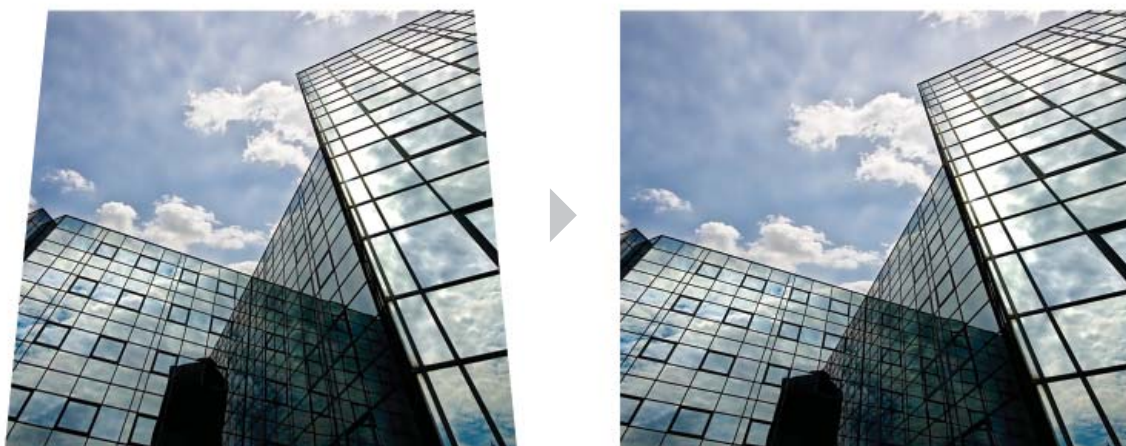


# Image warping

The PJ 6280 Series offers several modes to display squared images properly when the projector is positioned at an angle to the screen, or the surface itself is not flat.

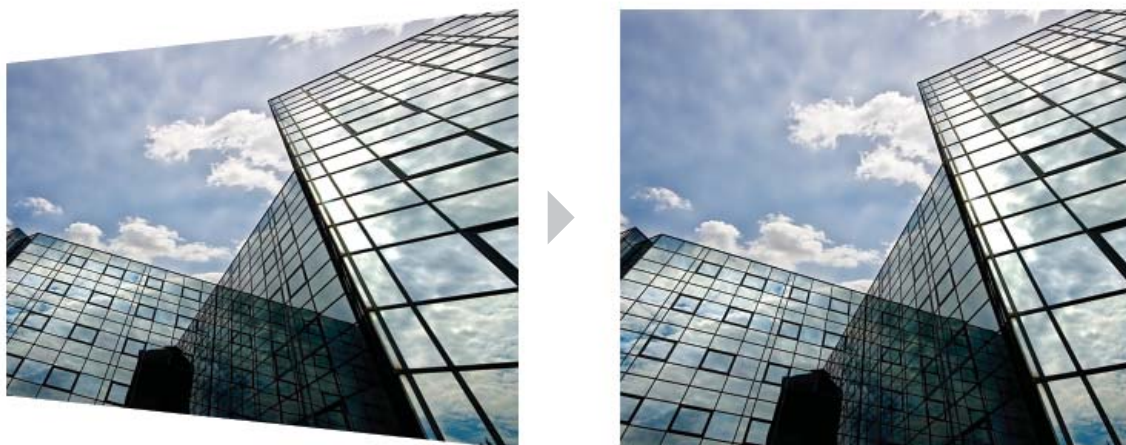
## Vertical & Horizontal Keystone Correction

Compensates for image distortion by turning off a portion of the imaging chip to eliminate the effect of one side of the image appearing longer or shorter than the opposite side. Simply press the keystone keys on the wireless remote to increase or decrease the correction percentage. Some data may be lost depending upon the degree of adjustment.



### Vertical Keystone

The left and right sides of a picture are made parallel



### Horizontal Keystone

The top and bottom sides of a picture are made parallel



## Vertical & Horizontal Pincushion Correction

This mode corrects the pinching or barrel effect that images can suffer when being projected onto curved surfaces, or when the source image is taken with a telephoto lens. Select the Vertical or Horizontal sides of the image and use the (arrow) keys to set the level of correction until the borders appear flat.



### Pincushion Correction

Project squared images onto curved surfaces



### Vertical and Horizontal Pincushion

Correction for pinching or barrel effects

# RICOH PJ WUL6280 - High End Laser Projector

## MAIN SPECIFICATIONS

### GENERAL

Projection system:	Single chip DLP
Resolution:	1,920 x 1,200
Panel size:	0.67 inch
Aspect ratio:	16:10
Brightness:	6,000 lumen
Light Source Type:	Laser diodes
Light life:	20,000 hours
Contrast ratio:	1,200:1 (100,000:1)
Projection screen size:	Depends on lens
Zoom ratio:	Depends on lens
Zoom:	Motorized
Focus:	Motorized
Connection terminal:	D-SUB 9pin x 1 (PC Control) HDMI x 1 RJ-45 x 1 (LAN) DVI-D x 1 HDBaseT x 1 Computer In x 1 Monitor Out x 1 USB Type A x 1 YPBPR x 1 Wired in/out (3.5 mm phone jack) x 1 Service x 1
Wired LAN:	RJ-45 x 1 (10BASE-T / 100BASE-TX / 1000BASE-T)
Wireless LAN:	LAN IEEE 802.11b/g/n compliant (Option)
Primary features:	Closed captioning, Security bar, Kensington lock, 360 degrees tilt-free, Portrait mode, Picture in picture, Picture by picture, Geometric correction
Network features:	PJ Link, Crestron, AMX
Built-in speaker:	N/A
Dimensions (W x D x H):	484 x 509 x 185 mm
Weight:	18 kg
Power source:	100 - 240 V, 50/60 Hz

### ECOLOGY

Sound power level (full system):	37 dB
Power consumption:	Operating power: 560 W 340 W
Eco Mode:	340 W
Stand-by mode:	0.5 W
Operating temperature:	5°C - 40°C
Operating humidity:	10% - 85%
Storage conditions:	Temperature: -10°C - 60°C
Humidity:	5% - 90%

### ACCESSORIES

Set-up guide & safety instructions, Read this first / Manual (Starting Guide), RGB cable, Power cable, Remote control with batteries

### CONSUMABLES

Replacement lens Type A1/A2/A3/A4/A5,  
Wireless dongle (USB type AC/DC adapter is required)

*For availability of models, options and software, please consult your local Ricoh supplier.*

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