

## Specifications Projector:

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**Projection System:**High-aperture Epson 3LCD, 3-chip technology**Projection Method:**Front/rear/ceiling mount**Driving Method:**Poly-silicon TFT Active Matrix**Native Resolution:**WUXGA with 4K Enhancement<sup>1</sup> (1920 x 1200 x 2)**Resolution on Screen:**WUXGA with 4K Enhancement<sup>1</sup>/ 4.6 million pixels**Pixel Number in Device:**2,304,000 pixels (1920 x 1200) x 3 chips**Signal Input:**Maximum display resolution: 4096 x 2160 (resizing display)  
Display resolution: 1920 x 1200 pixels**Color Brightness - Color Light Output:**9,000 lumens<sup>2</sup>**White Brightness - White Light Output:**9,000 lumens<sup>2</sup>**Aspect Ratio:**Supports 4:3, 16:9, 16:10**Resize:**640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050**Brightness Uniformity:**90%**Pixel Arrangement:**Cross stripe**Size - projected distance:**50" – 300"**Keystone Correction:**Vertical: ±45 degrees; Horizontal: ±30 degrees**Contrast Ratio:**2,500,000:1 AbsoluteBlack™ (Full White 8,000 lm/Full Black 0 lm)**Color Reproduction:**Up to 1 billion colors**Light Source Life:**20,000 hours<sup>3</sup>**Illumination Technology:**Laser Phosphor

## Effective Scanning Frequency Range:

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**Pixel Clock:**13.5 MHz – 162 MHz (up to UXGA 60 Hz)**Horizontal:**15 kHz – 92 kHz**Vertical:**50 Hz – 85 Hz

## General:

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**Operating Temperature:**32 ° to 113 °F (0 ° to 45 °C)**Weight:**48.4 lb**Security:**Security cable hole, lens lock, Kensington lock provision

## Projection Lens:

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**Type:**Powered shift/focus/zoom (With standard lens)**F-number:**1.8 – 2.35 (With standard lens)**Focal Length:**36.0 mm – 37.4 mm (With standard lens)**Zoom Ratio:**Optical zoom 1 – 1.6x (With standard lens)**Throw Ratio Range:**1.57 – 2.56 (With standard lens)**Lens Shift:**Vertical: ±60%; Horizontal: ±18% (With standard lens)

## Projector Details:

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**Display Performance:**NTSC: 480 line, PAL: 576 line (depends on observation of the multi-burst pattern)**Input Signal:**Maximum display resolution: 4096 x 2160 (resizing display)  
Display resolution: 1920 x 1200 pixels**Interfaces:**

- 3G-SDI x 1
- DVI-D x 1
- HDMI x 1
- HDBaseT x 1
- 5-BNC, VGA x 1
- Audio in: Mini Stereo x 3
- Variable audio out: Mini Stereo x 1

- USB connector Type B x 1: For service only
- USB connector Type A x 1: For wireless only
- Monitor out: Mini D-sub 15 pin x 1
- Serial: RS-232c x 1

**Fan Noise:**37 dB (Normal Mode); max. 30 dB (Quiet Mode)

## **Projector Dimensions:**

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**Including feet:**23.1" x 19.4" x 8.3"

## **Remote Control:**

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**Features:**Power, source search selection, lens shift, zoom, focus, test pattern selection, A/V Mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions  
**Operating Distance:**49 ft  
**Operating Angle:**Right/left: Front:  $\pm 60$  degrees; rear:  $\pm 30$  degrees  
Upper/lower: Front:  $\pm 20$  degrees; rear: +10 to +50 degrees

## **Power:**

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**Power Supply Voltage:**100 – 240 V  $\pm 10\%$ , 50/60 Hz AC  
**Power Consumption:**

- 645 W (Normal Mode)
- 524 W (Extended Mode)
- 2.0 W Standby (Communication on)
- 0.5 W Standby (Communication off)