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PowerLite 5535U WUXGA 3LCD Projector



Full HD large-venue projector with lens shift and robust connectivity.

Optimized for large venues, the PowerLite 5535U Full HD installation projector features black casing and delivers uncompromising image quality and professional-grade reliability. Offering high Color Brightness*, Epson® 3LCD projectors ensure bright, vivid images. With 5,500 lumens of color brightness and 5,500 lumens of white brightness², plus WUXGA resolution with 1080p support, the PowerLite 5535U shines bright, even in well-lit environments. Horizontal and vertical lens shift increases installation flexibility, while HDBaseT™ connectivity ensures easy integration. Miracast® allows wireless screen mirroring for Android™ devices and 1080p video streaming. The projector also supports enterprise-level wireless security and remote network monitoring/control.

High Color Brightness with Epson*

Brilliant image quality requires high color brightness. Epson 3LCD projectors have 100% balanced Color Brightness and White Brightness. Delivering 5500 lumens of colour brightness¹ and 5500 lumens of white brightness¹, the PowerLite 5535U uses 3LCD, 3-chip technology for brilliant images with true-to-life color.

Projection System: Epson 3-chip 3LCD technology

Native Resolution: 1920 x 1200(WUXGA)

Color Brightness: 5500 lumens¹

White Brightness: 5500 lumens¹

Throw Distance Calculator

Model: V11H824120

Overview

Bright and Colorful

Features 5500 lumens of color brightness (color light output)¹ and 5500 lumens of white brightness (white light output)¹.

WUXGA Resolution

1920 x 1200 Full HD widescreen resolution

Lens Shift

Equipped with horizontal and vertical lens shift

HDMI Connectivity

Includes all-digital, HDMI audio and video connection, for HD quality with just one cable

HDBaseT

Combines HDMI, ethernet and RS-232 into one cable

- **High Color Brightness^{*} and reliable performance** — 3LCD, 3-chip technology
- **Look for two numbers** —
The PowerLite 5535U has:
5,500 lumens Color Brightness for accurate, vivid color¹
5,500 lumens White Brightness for well-lit rooms¹
- **Crisp, detailed widescreen images up to 300"** — WUXGA resolution (1920 x 1200) with Full HD 1080p support and up to 15,000:1 dynamic contrast ratio
- **Installation flexibility** — up to ±50 percent vertical and ±10 percent horizontal lens shift
- **Wireless screen mirroring with Miracast** — stream Full HD 1080p content and mirror your wireless Android device screen
- **Advanced connectivity** — HDBaseT and 2x HDMI® inputs for easy integration with any system
- **Enterprise-level wireless security** — the optional wireless LAN module (sold separately) supports robust wireless network security protocols that help keep information safe
- **Remote network monitoring and control** — plus Message Broadcasting and built-in scheduling functions
- **Long-lasting lamp** — up to 10,000 hours in ECO Mode²
- **Seamless integration tools** — compatible with Crestron® RoomView® and Extron®

IMPORTANT SAFETY INFORMATION ABOUT USAGE ENVIRONMENTS FOR MOUNTED PROJECTORS ►

What's In The Box:

- PowerLite 5535U projector
- power cable
- computer cable (VGA)
- projector remote control with batteries
- user manual CD
- EasyMP® software CD

- Quick Setup Sheet
- registration card and lens lock screw

Specifications

Specifications Projector:

Projection System:

High-aperture Epson® 3LCD, 3-chip technology

Projection Method:

Front/rear/ceiling mount

Driving Method:

Epson Poly-silicon TFT Active Matrix

Pixel Number:

2,304,000 pixels (1920 x 1200) x 3

Color Brightness - Color Light Output:

5,500 lumens¹

White Brightness - White Light Output:

5,500 lumens¹

Aspect Ratio:

Supports 4:3, 16:9, 16:10

Resolution:

1920 x 1200 (WUXGA)

Resize:

640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050

Lamp Type:

300 W UHE

Lamp Life:

- Normal mode: Up to 5,000 hours²
- ECO mode: Up to 10,000 hours²

Brightness Uniformity:

87%

Throw Ratio Range:

1.26 – 2.30

Size - projected distance:

50" – 300"

Keystone Correction:

Vertical: ±30 degrees, Horizontal: ±30 degrees

Color Processing:

(High Brightness, Dynamic Mode) 15,000:1

Color Reproduction:

Up to 1 billion colors

Effective Scanning Frequency Range:

Pixel Clock:

13.5 MHz – 162 MHz (up to UXGA 60 Hz)

Horizontal:

15 kHz – 92 kHz

Vertical:

50 Hz – 85 Hz

General:

Operating Temperature:

32 ° to 113 °F (0 ° to 45 °C)

Projection Lens:

Type:

Manual focus/zoom

F-number:

1.65 – 2.55

Focal Length:

21.34 mm – 37.99 mm

Zoom Ratio:

Optical zoom: 1.0x – 1.8x

Projector Details:

Display Performance:

NTSC: 480 line, PAL: 576 line (depends on observation of the multi-burst pattern)

Input Signal:

NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/ SECAM/480i/576i/480p/576p/720p/1080i/1080p

Interfaces:

- 1x HDBaseT
- 2x HDMI (1x MHL)
- Computer: 1x D-sub 15 pin
- Component Video: 1x BNC
- Audio-in: 2x Mini stereo
- Network: 1x RJ-45 100 Mbps
- Serial: 1x RS-232c
- USB: 1x Type A (for wireless module, service, firmware update, clone settings)
- 1x Type B (firmware update)
- 1x Hardwire remote jack
- Monitor Out: 1x D-sub 15 pin
- 1x Audio Out

Fan Noise:

38 dB (Normal Mode), 28 dB (ECO Mode)

Projector Dimensions:

Including feet:

18.6" X 13.4" X 6.3" (W x D x H)

Excluding feet:

18.6" X 12.6" x 5.3" (W x D x H)

Weight - with standard lens:

15.2 lb

Remote Control:

Features:

Power, Source Search Selection, Computer, Video, 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: ± 60 degrees; Rear: ± 30 degrees
- Upper/lower: Front: ± 20 degrees; Rear: +10 to + 45 degrees

Power:

Power Supply Voltage:

100 – 240 V $\pm 10\%$, 50/60 Hz AC

Power Consumption:

- 462 W (Normal Mode)
 - 356 W (ECO Mode)
 - 3.0 W Standby (Communication On)
 - 0.5 W Standby (Communication Off)
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