

PowerLite[®] 5530U WUXGA 3LCD Projector

Projectors

Meeting Room

Full HD
1920 x 1200



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

3x Higher Color Brightness¹ and reliable performance — 3LCD, 3-chip technology

Look for two numbers —

5,500 lumens² Color Brightness for accurate, vivid color

5,500 lumens² White Brightness for well-lit rooms

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; also features lens shift lock

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 Mode³

Seamless integration tools — compatible with Crestron[®] RoomView[®] and Extron[®]



Specifications

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 Brightness² Color Light Output: 5,500 lumens
White Brightness² White Light Output: 5,500 lumens
Native Resolution 1920 x 1200 (WUXGA)
Resize 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050
Aspect Ratio Supports 4:3, 16:9, 16:10
Contrast Ratio (High Brightness, Dynamic Mode) 15,000:1
Brightness Uniformity (Typical) 87%
Color Reproduction Up to 1 billion colors
Size (Projected Distance) 50" – 300"
Lens Shift
 Vertical: ±50 percent
 Horizontal: ±10 percent
Keystone Correction
 Vertical: ±30 degrees
 Horizontal: ±30 degrees
Lamp Type 300 W UHE
Lamp Life³
 10,000 hours (ECO Mode)
 5,000 hours (Normal Mode)

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

Video I/O

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
Pixelworks Video Chip 3D Y/C separation, noise reduction motion compensated Interlace-Progressive conversion (2 – 2, 3 – 2 film detection)

Standard 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
Throw Ratio Range 1.26 – 2.30

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



General

Operating Temperature 32° to 113 °F (0° to 45 °C)
Power Supply Voltage 100 – 240 V ±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)

Fan Noise
 38 dB (Normal Mode)
 28 dB (ECO Mode)

Security Security cable hole, lens lock, Kensington lock provision

Dimensions (W x D x H)

Including Feet 8.5" x 13.9" x 6.2"
Excluding Feet, Lens, Cable Cover 18.5" x 12.6" x 5.2"
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 Angle
 Right/left: Front: ± 60 degrees; Rear: ± 30 degrees
 Upper/lower: Front: ± 20 degrees; Rear: +10 to + 45 degrees

Operating Distance 49 ft

Eco Features

RoHS compliant
 Recyclable product⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

Support

Epson ConnectionSM
 Pre-sales support U.S. and Canada
 800-463-7766
 www.epson.com

Service Programs 2-year limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

What's in the Box

PowerLite 5530U 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

Ordering Information

| | |
|--|------------|
| PowerLite 5530U | V11H824020 |
| Genuine Epson Lamp (ELPLP95) | V13H010L95 |
| Replacement Air Filter (ELPAF45) | V13H134A45 |
| Wireless LAN Module (ELPAP10) | V12H731P02 |
| PixiePlus™ Control System for Epson Projectors | ELPSP10 |
| Universal Projector Ceiling Mount | ELPMBPJF |
| False Ceiling Plate Kit | ELPMBP02 |
| Active Speakers (ELPSP02) | V12H467020 |
| Belkin Pro Series VGA Cable, 25 ft | F3H982-25 |
| Belkin PureAV HDMI Cable, 12 ft | AV22300-1 |

1 Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. The projectors used by a third-party lab for measuring color brightness were leading Epson 3LCD business and education projectors and leading 1-chip DLP projectors, based on NPD sales data for June 2013 through May 2014 and PMA Research sales data for Q1 through Q3 2013. | 2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 4 For convenient and reasonable recycling options, visit www.epson.com/recycle | 5 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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