CLOSEOUT   # PowerLite 4650 XGA 3LCD Projector

Contact Us 800.463.7766

Mon-Fri 7am-4pm PT

The PowerLite 4650 projector provides brilliant color and amazing image quality with 5200 lumens of color brightness[1] and 5200 lumens of white brightness[1] and XGA resolution. This powerful product also features Faroudja DCDi® video processing to ensure your image always looks its best. Setup is easy with a centered lens design, up to 2x optical zoom, and lens shift. Secure networking features allow for easy monitoring/control, message broadcasting, and displaying content over the network. Whether they're used in the boardroom, or your living room, the PowerLite 4650 multimedia projector delivers bright, vivid images that will captivate any audience.

3x Brighter Colors with Epson*
Brilliant image quality requires high color brightness. Epson 3LCD projectors have 3x Brighter Colors than leading competitive projectors*. Delivering 5200 lumens of color brightness[1] and 5200 lumens of white brightness[1], the PowerLite 4650 uses 3LCD, 3-chip technology for brilliant images with true-to-life color.

Projection System: Epson 3-chip 3LCD technology
Native Resolution: 1024 x 768 (XGA)
Color Brightness: 5200 lumens[1]
White Brightness: 5200 lumens[1]
Throw Distance Calculator

Model: V11H546020

OUR PRICE:

$1,929.00

AFTER 16% SAVINGS:
$1,628.99

🕐 Save $300 Today

Overview ▶

Bright and Colorful
Features 5200 lumens of color brightness (color light output)[1] and 5200 lumens of white brightness (white light output)[1].

XGA Resolution
1024 x 768 resolution

Lens Shift
Equipped with horizontal and vertical lens shift

Split Screen
Display content from two inputs simultaneously, side by side, on a single screen.

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

DICOM
DICOM mode gives superb and accurate tonal reproduction, allowing for improved medical imagery such as X-rays.

- **3x Brighter Colors and reliable performance** — 3LCD, 3-chip technology*
- **One measurement of brightness is not enough** — look for both high color brightness and high white brightness.
  The PowerLite 4650 has:
  > Color Brightness: 5200 lumens[1]
  > White Brightness: 5200 lumens[1]
- **Crisp, clear resolution** — XGA for incredible images
- **Lens shift** — offers installation flexibility with a range ofmotion of up to ±58â"¬â–' vertical from center and ±38â"¬â–' horizontal from center; also features lens shift lock
- **Versatile connectivity** — easily integrate with any system with HDMI and Display Port
- **Convenient remote management** — remotely monitor and control presentations
- **Epson iProjection**[TM] — wirelessly display and control content from your iPhone®, iPad®, iPod touch®and Android[TM] devices[2]
- **Centered lens design** — position the ceiling mount, screen and projector independently; the screen will align with the lens at the center of the projector
- **Faroudja DCDi Cinema technology and 2:2 pull-down** — achieve exceptional video quality without introducing artifacts
- **3D stacking** — using polarized filters and passive 3D glasses; or, double stack the projectors to display a 2D image, and get double the brightness
- **EasyMP Network Projection** — easily present content over the network
- **Remote network monitoring and control** — plus message broadcasting and built-in schedule functions
- **Split Screen**[3] — project two images (video or still) side-by-side from two different sources simultaneously
- **Digital connectivity** — easily integrate your projectorwith any existing system, via HDMI and Di splay Port
- **Point and arc correction** — adjust each side of an imagefor a perfectly rectangular image

IMPORTANT SAFETY INFORMATION ABOUT USAGE ENVIRONMENTS FOR MOUNTED PROJECTORS ▶

What's In The Box:

- PowerLite 4650 Projector
- Power cable
- Computer cable (VGA)
- Projector remote control with batteries
- User manual CD
- EasyMP® software CD
- Quick Setup Sheet

- Registration card
- Password protection sticker
- Lens lock screw

Specifications   ▶

Specifications Projector:

Projection System:
High-aperture Epson 3-chip 3LCD technology

Projection Method:
Front / rear / ceiling mount

Driving Method:
Epson Poly-silicon TFT Active Matrix

Pixel Number:
786,432 pixel (1024x768) x 3

Color Brightness - Color Light Output:
5200 lumens[1]

White Brightness - White Light Output:
5200 lumens[1]

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

Resolution:
1024 x 768 (XGA)

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

Lamp Type:
280 UHE

Lamp Life:
- Normal mode: Up to 4000 hours[2]
- ECO mode: Up to 5000 hours[2]

Brightness Uniformity:
90%

Pixel Arrangement:
Cross stripe

Throw Ratio Range:
1.27 – 2.59

Size - projected distance:
30" – 300"

Keystone Correction:
- Horizontal: ±30 degrees
- Vertical: ±30 degrees

Contrast Ratio:
High Brightness, Dynamic Mode: 5000:1

Color Processing:
10 bit

Color Reproduction:
Up to 1.07 billion colors

Effective Scanning Frequency Range:

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

General:

Temperature:
32° to 113° F (0° to 45° C)

Weight:
Weight with standard Lens 14.3 lbs

Security:
- Security Cable Hole
- Lens Lock
- Kensington®lock provision,

Projection Lens:

Type:
Manual focus / zoom

F-number:
1.5 – 2.14

Focal Length:
16.72 mm – 33.47 mm

Zoom Ratio:
Optical zoom 1.0x – 2.0x

Lens Shift:
- Horizontal: ±38 degrees
- Vertical: ±58 degrees

Projector Details:

Display Performance:
- NTSC: 480 line
- PAL: 560 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
- Pixel works: video chip
- 3D Y / C separation, noise reduction motion compensated
- Interlace-Progressive conversion (2 – 2, 3 – 2 film detection)

Interfaces:
- HDMI x 1
- DisplayPort x 1
- Computer: D-sub 15 pin x 1
- Video 1: 5-BNC x 1
- Video 2: RCA x 1
- Composite video BNC x 1
- S-Video x 1
- Audio-in: Mini stereo x 3
- Audio-in: RCA (L&R) x 1
- Network: RJ-45 x 1, 100 Mbps
- USB Type-A x 1, Type-B x 1
- Serial: RS-232c x 1
- Hardwire remote jack x 1
- Monitor-Out: D-sub 15 pin x 1

Fan Noise:
- Normal mode: 38 dB
- ECO mode: 32 dB

Projector Dimensions:

Including feet:
18.58" x 13.94" x 6.26" (W x D x H)

Excluding feet and lens:
18.58" x 12.60" x 5.28" (W x D x H)

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 ±10%, 50/60 Hz AC

Power Consumption:
- Normal mode: 409 W
- ECO mode: 311 W
- Communication on: 4.3 W standby
- Communication off: 0.41 W standby

Accessories ▶

Air Filters

Cables

Connectivity

Control Systems

Document Cameras

Support ▶

Need Support?

Get the latest drivers, FAQs, manuals and more for your Epson product.

Recommended Links:

Drivers & Downloads

FAQs

Manuals and Warranty

Registration

Contact Support

Notes:

*Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Leading Epson 3LCD business and education projectors compared to leading 1-chip DLP projectors, based on NPD data for June 2013 through May 2014 and PMA Research data for Q1 through Q3 2013.

[1] 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.

[2] Check your owner's manual to determine if a separate wireless LAN module must be purchased separately to enable wireless connection on your Epson projector. Epson projectors can be networked either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Not all Epson projectors are able to be networked. Availability varies depending on model.

[3] Consult your user manual for input combinations.

Specifications Notes:

[1] 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.

[2] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

Epson business and education projectors have 3x Brighter Colors than their leading competitive 1-chip DLP projectors. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Based on NPD data for June 2013 through May 2014 and PMA Research data for Q1 through Q3 2013.

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