

# PowerLite<sup>®</sup> 4770W WXGA 3LCD Projector

Projectors

Large Venue



## The ultimate projection solution for any meeting space.

**3x Brighter Colors<sup>1</sup>, 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 4770W has:

Color Brightness: 5000 lumens<sup>2</sup>

White Brightness: 5000 lumens<sup>2</sup>

**Crisp widescreen resolution** — WXGA (1280 x 800) for sharp, brilliant detail

**Easily align images** — up to 70 percent vertical lens shift and up to 38 percent horizontal lens shift

**Advanced installation features** — including point and arc correction to easily adjust each side of an image for a perfectly rectangular image

**Versatile connectivity** — HDMI<sup>®</sup> and DisplayPort<sup>™</sup> inputs; wirelessly display and control content from smartphones and tablets (Android<sup>™</sup> and iOS<sup>®</sup> devices) with the Epson iProjection<sup>™</sup> App<sup>3</sup>

**Remarkable video processing** — Faroudja DCDi Cinema<sup>®</sup> technology helps you achieve exceptional video quality without introducing artifacts

**Network management and control tools** — remote presentations; built-in schedule function

**Split Screen** — project two images (video or still) side by side from two different sources, simultaneously<sup>4</sup>

**Centered lens design** — position the ceiling mount, screen and projector independently; screen will align with the lens at the center of the projector



**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** 1,024,000 pixel (1280 x 800) x 3  
**Color Brightness**<sup>2</sup> (Color Light Output): 5000 lumens  
**White Brightness**<sup>2</sup> (White Light Output): 5000 lumens  
**Native Resolution** 1280 x 800 (WXGA)  
**Resize** 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050  
**Aspect Ratio** Supports 4:3, 16:9, 16:10  
**Pixel Arrangement** Cross stripe  
**Contrast Ratio** (High Brightness, Dynamic Mode) 5000:1  
**Brightness Uniformity (typical)** 90%  
**Color Reproduction** Up to 1 billion colors  
**Size (projected distance)** 30" – 300"  
**Lens Shift** Vertical: ±70 percent, ±38 percent  
**Keystone Correction** Vertical: ±30 degrees  
 Horizontal: ±30 degrees  
**Lamp Type** 280 UHE  
**Lamp Life<sup>5</sup> (ECO/Normal Mode)** 5000/4000 hours

**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  
**PixeWorks<sup>®</sup>** 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** 1.50 – 2.14  
**Focal Length** 16.72mm – 33.47mm  
**Zoom Ratio** Optical zoom 1.0x – 2.0  
**Throw Ratio Range** 1.27 – 2.59

**Other Features**

**Operating Temperature** 32° to 113 °F (0° to 45 °C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz AC  
**Power Consumption**  
 409 W (Normal Mode)  
 311 W (ECO Mode)  
 4.3 W Standby (Communication on)  
 0.41 W Standby (Communication off)  
**Fan Noise** 38 dB (Normal Mode), 32 dB (ECO Mode)  
**Security** Security cable hole, lens lock, Kensington<sup>®</sup> lock provision

**Interfaces**

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

**Dimensions (W x D x H)**

**Including Feet** 18.58" x 13.94" x 6.26"  
**Excluding Feet, Lens** 18.58" x 12.60" x 5.28"  
**Weight with Standard Lens** 14.3 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 product<sup>6</sup>  
 Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>7</sup>

**Support**

**The Epson Connection<sup>SM</sup>**  
 Pre-sales support U.S. and Canada 800-463-7766  
 Internet website [www.epson.com](http://www.epson.com)  
**Service Programs**  
 Two-year limited warranty, Epson Road Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty



**What's in the Box**

PowerLite 4770W projector, lens cover, cable cover, HDMI cable clip, remote with batteries, power cord, VGA cable, projector documentation CD, projector software CD

**Ordering Information**

PowerLite 4770W	V11H748020
Genuine Epson lamp (ELPLP77)	V13H010L77
Replacement air filter (ELPAF45)	V13H134A45
Wireless LAN module (ELPA07)	V12H418P12
Quick Wireless Connect key (ELPA09)	V12H005M09
Replacement remote control	158279900
AP-60 projector sound solution	V12H329020
DC-11 document camera	V12H377020
DC-20 document camera	V12H500020
PixiePlus™ Control System for Epson® projectors	ELPSP10
Kensington Microsaver security lock	ELPSL01
Universal projector ceiling mount	ELPMBPJF
False ceiling plate kit	ELPMBP02
Duet™ screen	ELPSC80
Active speakers (ELPSP02)	V12H467020
Belkin Pro Series VGA cable, 25 ft	F3H982-25
Belkin PureAV HDMI cable, 12 ft	AV22300-12

<sup>1</sup> 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. | <sup>2</sup> 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. | <sup>3</sup> Check your owner's manual to determine if a 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. iOS supported formats and files: Microsoft® Word, Microsoft PowerPoint®, Microsoft Excel (Office 2003 or later), Keynote®, Adobe® PDF, JPG and PNG; Android supported formats and files: Adobe PDF (PDF 1.7), JPG/JPEG and PNG | <sup>4</sup> Consult your user manual for input combinations. | <sup>5</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>6</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>7</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>™</sup>  
[eco.epson.com](http://eco.epson.com)



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