

# PowerLite® 95 and 96W

### Multimedia Projectors

Product Name	Product Code	UPC
PowerLite 95 projector	V11H383020	0 10343 88037 5
PowerLite 96W projector	V11H384020	0 10343 88038 2
Genuine Epson lamp	V13H010L60	0 10343 88041 2
Replacement air filter	V13H134A29	0 10343 88051 1

### **Specifications**

#### **Projection System**

Epson 3LCD, 3-chip technology

#### **Projection Method**

Front/rear/ceiling mount

#### **Driving Method**

Epson Poly-silicon TFT Active Matrix

#### **Pixel Number**

95: 786,432 dots (1024 x 768) x 3 96W: 1,024,000 dots (1280 x 800) x 3

#### White Light Output

95: 2600 lumens (ISO 21118 standard) 96W: 2700 lumens (ISO 21118 standard)

#### Color Light Output

95: 2600 lumens 96W: 2700 lumens

#### **Aspect Ratio**

95: 4:3 96W: 16:10

#### **Native Resolution**

95: 1024 x 768 (XGA) 96W: 1280 x 800 (WXGA)

#### Resize

640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA/96W only), 1152 x 864 (SXGA), 1280 x 800 (WXGA/95 only), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1280 x 768 (WXGA 60-1/95 only), 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)

#### **Lamp Type**

200 W UHE (E-TORL)

#### Lamp Life<sup>3</sup>

Up to 6000 hours (ECO Mode) Up to 5000 hours (Normal Mode)

#### Throw Ratio Range

95: 1.48 - 1.77 96W: 1.30 - 1.56

#### Size (projected distance)

95: 30" to 300" (0.9 to 9.0 m) 96W: 33" to 318" (0.9 to 9.0 m)

#### **Keystone Correction Automatic**

Vertical ± 30 degrees

#### **Keystone Correction Manual**

Horizontal ± 30 degrees

#### **Mac Connectivity**

Projector is Mac compatible via USB, DVI to HDMI or VGA adapter (not included)

#### **Contrast Ratio**

Up to 2000:1

#### **Color Reproduction**

16.77 million colors

#### **Projection Lens**

#### Type

Manual optical zoom/Manual focus

#### F-number

#### **Focal Length**

16.9 mm – 20.28 mm

#### Zoom Ratio

Optical zoom 1.0 - 1.2

#### **Other**

#### Display Performance

NTSC: 480 lines PAL: 576 lines

(Depends on observation of the multi-burst pattern)

#### **Input Signal**

NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/ SECAM

#### Interfaces

Computer/component video: D-sub 15 pin x 2 S-video: Mini DIN x 1

Composite video: RCA (Yellow) x 1 Audio in: RCA x 1 (L and R)

Mini stereo x 2

USB connector: Type B x 1 (USB display, audio and mouse control)

USB connector: Type A x 1 (USB memory/

document camera) HDMI x 1 RJ-45 x 1

Serial: RS-232c x 1

Monitor out: D-sub 15 pin x 1 Audio out: Mini stereo x 1

Microphone: Mini stereo x 1

Wireless LAN port: 802.11 b/g/n (optional module sold separately)

# Speaker

16 W (mono)

# **Operating Temperature**

41 ° to 95 °F (5 ° to 35 °C)

### **Power Supply Voltage**

 $100 - 240 \text{ V} \pm 10\%, 50/60 \text{ Hz}$ 

#### **Power Consumption**

95: 312 W 96W: 313 W

0.3 W Standby (communication off)

#### **Fan Noise**

33 dB (Normal Mode) 28 dB (ECO Mode)

#### Security

Kensington-style lock provision Padlock and security cable hole Password protect function

### Dimensions (W x D x H)

S-video

L Audio R

Audio 1 & 2

Computer/

Component 2

USB (Type A)

RS-232c

Microphone

USB (Type B)

Including feet: 13.6" x 10.3" x 4.2" Excluding feet: 13.6" x 10.3" x 3.7'

#### Weight

Computer/

Component 1

HDMI

96W: 7.2 lb

Video

#### **Remote Control**

#### **Features**

Source search, video, LAN, computer, USB, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions, user, esc

#### **Operating Angle**

Right/left: ± 30 degrees Upper/lower: ± 30 degrees

### **Operating Distance**

19' (6 m)

### Support

#### The Epson Connection<sup>SM</sup>

Pre-sales support U.S. and Canada 800-463-7766 Internet website www.epson.com

### **Service Programs**

Two-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day limited lamp warranty

#### What's In The Box

PowerLite 95 or 96W projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, projector software CD, Quick Setup Sheet, PrivateLine support card, and password protection sticker

#### **Accessory Part Numbers**

Audio Out

Speaker

RJ-45 Monitor Out

V13H010L60 Genuine Epson lamp Air filter V13H134A29 Wireless LAN unit (ELPAP07) V12H418P12 Quick wireless connection USB key (ELPAP08) V12H005M08 Epson DC-06 Document camera (ELPDC06) V12H321005 Epson DC-10s document camera ELPDC10S Epson DC-11 document camera (ELPDC11) V12H377020 AP-60 projector sound solution V12H329020 Universal projector ceiling mount ELPMBPJF Adjustable suspended ceiling ELPMBP01 channel kit False ceiling plate kit FI PMRP02 Structural round ceiling plate ELPMBP03 Adjustable extension column (pipe) 8"-11' ELPMBC01 Component to VGA cable FLPKC19 ELPSL01 Kensington security lock Soft carrying case (ELPKS64) V12H001K64 50" portable screen ELPSC06 Duet™ screen ELPSC80 ES3000 portable screen (ELPSC26H) V12H002S3Y BrightLink Solo™ interactive module (IU-01) V12H415020

#### **Packaging Specifications**

V12H415020RM

BrightLink Solo interactive module

with RM Easiteach (IU-01)

### PowerLite 95/96W

Dimensions: 19.1" x 14.1" x 6.7" (W x D x H) Weight: 95: 10.9 lb

#### 96W: 11.2 lb Genuine Epson Lamp

Dimensions: 6.3" x 5.6" x 5.6" (W x D x H) Weight: 0.7 lb Master Carton Dimensions: 28.4" x 13.1" x 6.8" (W x D x H) Weight: 9.5 lb Units Per Master Carton: 10

#### Replacement Air Filter

Dimensions: 4.9" x 3.9" x 1.2" (W x D x H) Weight: 0.1 lb Master Carton Dimensions: 12.7" x 5.2" x 4.6" (W x D x H) Weight: 1.1 lb Units Per Master Carton: 10

- White and color light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
- Data source: ProjectorCentral.com, Jan. 2010. Average of 910 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels.
- Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. See our website for convenient and reasonable recycling options at www.epson.com/recycle
- 4 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
- Works only with Epson projectors that support presentation over the network capability.

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# PowerLite® 95 and 96W

MULTIMEDIA PROJECTORS



# Advanced connectivity, brightness and performance, at the right price.

Easily project media-rich content with the PowerLite 95 and widescreen PowerLite 96W. Make an even bigger impact with the built-in microphone and premium speaker, featuring sixteen watts of powerful sound. And, with HDMI digital connectivity, these projectors can deliver both powerful audio and brilliant video with just one cable. Display presentations over the network for remote instruction or broadcast messages from any networked location. It's all possible with these affordable, high performance projectors.

#### **Brilliant presentations**

- 2700 lumens color/white light output<sup>1</sup> and WXGA (1280 x 800) resolution (PowerLite 96W)
- 2600 lumens color/white light output<sup>1</sup> and XGA (1024 x 768) resolution (PowerLite 95)

**Future-ready connectivity** — HDMI input for digital connectivity with the latest laptops and media players; delivers high-quality audio and video with just one cable

**Powerful 16 W speaker and built-in microphone input** — engage the entire classroom, without costly speakers or voice strain

Present content over the network — transmit both audio and video



# PowerLite® 95 and 96W multimedia projectors

# The best-selling projectors in the world.

Epson understands education and has a solution no matter what your teaching scenario. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From long-throw projectors designed for traditional educational settings to ultra-short-throw and all-in-one solutions built for progressive classrooms, Epson has the model made for you.



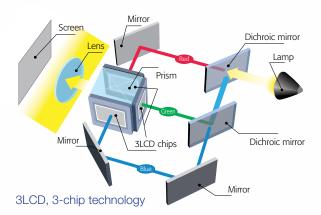
# 3LCD technology — for quality and color that's beyond amazing

# Innovative technology with proven reliability

- 3 chips for true-to-life color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors<sup>2</sup>
- Road-tested reliability from a company with over 20 years of experience

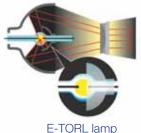






# Energy-efficient E-TORL® lamp, exclusively from Epson

- Long lamp life lasts up to 6000 hours<sup>3</sup>
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your presentation time, while minimizing your costs



### **Amazing light output**

- 2700 lumens color light output and 2700 lumens white light output¹ (PowerLite 96W)
- 2600 lumens color light output and 2600 lumens white light output¹ (PowerLite 95)
- High color light output for bright, balanced, colorful images
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by some competitive products)





# High-quality images with HDMI digital connectivity

- Deliver both audio and brilliant video content with just one cable
- Compatible with the latest laptops, Blu-ray<sup>®</sup> and media players

# HDMI\*

### **RJ-45** network connectivity

- Project presentations over the network transmit both audio and video with a single connection
  - Display images from any networked location, or, in up to 4 different classrooms simultaneously
  - Present remotely to support distance learning applications
- Connect wirelessly, via a network access point, to promote collaborative sharing and an engaging learning environment



- Easily monitor/control networked Epson projectors remotely, using the RJ-45 connector and EasyMP® Monitor software
  - Save time and maintenance costs power classroom projectors on and off without having to go to each individual classroom; set schedules for automatic events
- Receive e-mail alerts when attention is required

# Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com



#### **Eco Features**

- Energy-efficient 3LCD light engine
- Low power consumption of 0.3 W in Standby Mode (communication off)
- Energy-efficient E-TORL lamp
- Designed to be recycled<sup>4</sup>
- Epson America, Inc. is a SmartWay<sup>™</sup> Transport Partner.<sup>5</sup>





 Three features, all with one standard USB connection — display your presentation, transmit audio and control your presentation



- Compatible with Windows® and Mac®
- No more computer function keys or bulky VGA cables

# Remarkable widescreen performance (PowerLite 96W only)

Featuring WXGA resolution (1280  $\times$  800, 16:10 aspect ratio), the PowerLite 96W is ideal for use with the latest generation widescreen computers and great for projecting widescreen content. It gives you:

- 30% more image area than a 4:3 image
- 10% more image area than a 16:9 image

The PowerLite 96W still allows you to display 4:3 and 16:9 content.

**SVGA** 



800 x 600 Meets basic projection needs

XGA



1024 x 768
Ensures
sharper detail

**WXGA** 



1280 x 800

Offers the highest quality and is ideal for widescreen (16:10) display

#### **Built-in closed captioning**

- Essential for education helps meet ADA508 requirements for students with hearing impairments
- Helps save money no need to pay for an additional decoder and its installation



 Effective and easy to use — easily enabled or disabled through the projector remote or menu

#### Fast, easy setup and control

- 1.2x optical zoom and automatic vertical keystone correction (+/- 30 degrees) offers easy picture adjustments and great positioning flexibility
- Manual horizontal keystone correction (+/- 30 degrees) for the ultimate placement flexibility
- Direct Power On/Off power the projector on and off with the flip of a light switch
- Instant Off® no cool-down time required, so it's ready to shut down when you are
- A/V Mute control your presentation using the remote or by closing the slide; it's right at your fingertips
- Sleep Mode set from 1 to 30 minutes to save energy and lamp life when the A/V Mute Slide is closed or no signal is detected
- Easy to use large and intuitive control panel

#### **Additional Features**

 Versatile connectivity for the classroom — HDMI, USB, audio out, monitor out, computer/VGA inputs, LAN and RS-232c

**EPSON** 

- Wireless capabilities via the optional wireless module with either:
  - Included software (Mac and PC) or
  - Optional Quick Wireless Connection USB key (PC only)
- Broadcast your messages advertise events or broadcast instructions to all networked Epson projectors<sup>6</sup>
- Virtual projector remote control on your computer controls networked projectors via a web browser;
   Mac<sup>®</sup> and PC compatible
- Expanded USB functionality partner your projector directly with the Epson DC-06 document camera, or, deliver PC-free slideshows using a USB flashdrive (supports multiple file formats — JPEG, PNG, GIF and BMP)
- Added security in any environment convenient metal anchor bar and Kensington<sup>®</sup> lock support
- New high-density filter twice the surface area of our previous generation adds a higher level of protection

### **Built-in 16 W speaker and microphone input**

- Captivate your entire classroom with 16 W of powerful sound — without purchasing costly speakers or straining the teacher's voice
- Microphone input works with wired or wireless dynamic or condenser microphones
- Simply adjust the volume using the projector remote control

### **Built-in teaching aids save time**

- Choose from four pre-set templates or create a custom template to project lines or grids onto whiteboards or chalkboards
- Eliminates the need to draw lines on the board, use grids for graphs and more
- Simply display the pattern by using the customizable User button on the projector remote control

