

# PowerLite® 84 Multimedia Projector



## Smart choice. Amazing audio performance.

- **Bright, brilliant presentations** — 2600 lumens color light output, 2600 lumens white light output\*
- **Razor-sharp detail** — native XGA resolution
- **Powerful sound and communication features, no added cost** — built-in 10 W speaker, closed captioning decoder
- **Convenient microphone input** — saves both money and the presenter's voice by using the projector's speaker
- **Energy-efficient E-TORL® lamp** — up to 6000-hour lamp life\*\*
- **Plug 'n Play, no-hassle setup** — instantly projects images from a PC via the USB connection
- **Easy network monitoring and control** — RJ-45 connectivity and included software
- **Easy picture adjustments and greater positioning flexibility** — automatic keystone correction, 1.6x optical zoom
- **Quick, convenient control** — direct power on/off, AV Mute/Sleep Mode, Instant Off®/On
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip optical engine
- **Filters to protect your investment** — with easy side access for hassle-free maintenance
- **Added security in any environment** — convenient metal anchor bar
- **Carrying case included** — for easy portability and protection when stored



# PowerLite 84

## Multimedia Projector

### ORDERING INFORMATION

| Product Name               | Product Code | UPC            |
|----------------------------|--------------|----------------|
| PowerLite 84               | V11H294020   | 010343 87303 2 |
| Replacement Lamp           | V13H010L50   | 010343 87322 3 |
| Replacement Air Filter Set | V13H134A22   | 010343 87323 0 |

### SPECIFICATIONS

#### Projection System

Epson 3LCD, 3-chip optical engine

#### Projection Method

Front/rear/ceiling mount

#### Driving Method

Epson Poly-silicon TFT Active Matrix

#### Pixel Number

786,432 dots (1024 x 768) x 3

#### White Light Output\*

2600 lumens (ISO 21118 Standard)

#### Color Light Output\*

2600 lumens

#### Aspect Ratio

4:3

#### Native Resolution

1024 x 768 (XGA)

#### Resize

640 x 480 (VGA), 800 x 600 (SVGA),  
1152 x 864 (SXGA), 1280 x 800 (WXGA),  
1440 x 900 (WSXGA), 1400 x 1050 (SXGA+),  
1600 x 1200 (UXGA)

#### Lamp Type

E-TORL 200 W UHE

#### Lamp Life\*\*

Up to 6000 hours (Low Light Output Mode)  
Up to 5000 hours (High Light Output Mode)

#### Throw Ratio Range

1.39 – 2.26 (4:3)

#### Size (projected distance)

30" – 300" (2.7' – 45.5')

#### Keystone Correction Automatic

Vertical: ± 30 degrees

#### Plug 'n Play

Projector is Mac® compatible via DVI to VGA  
adapter (not included)

#### Contrast Ratio

Up to 2000:1

#### Color Reproduction

16.77 million colors

### PROJECTION LENS

#### Type

Manual focus/(optical) zoom

#### F-number

1.49 – 1.94

#### Focal Length

18.2 mm – 29.2 mm

#### Zoom Ratio

Optical zoom 1.0 – 1.6

### OTHER

#### Display Performance

NTSC: 480 lines

PAL: 560 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 x 1

Audio in x 3 (RCA (L&R) x 1, mini stereo x 2)

Variable Audio Out: mini stereo x 1

USB connector: Type B x 1 (USB display and  
mouse/keyboard control)

Serial: RS-232c x 1

LAN Networking: RJ-45 x 1

Monitor Out: Mini D-sub 15 pin x 1

Microphone: stereo mini jack x 1

#### Speaker

10 W (mono)

#### Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

#### Power Supply Voltage

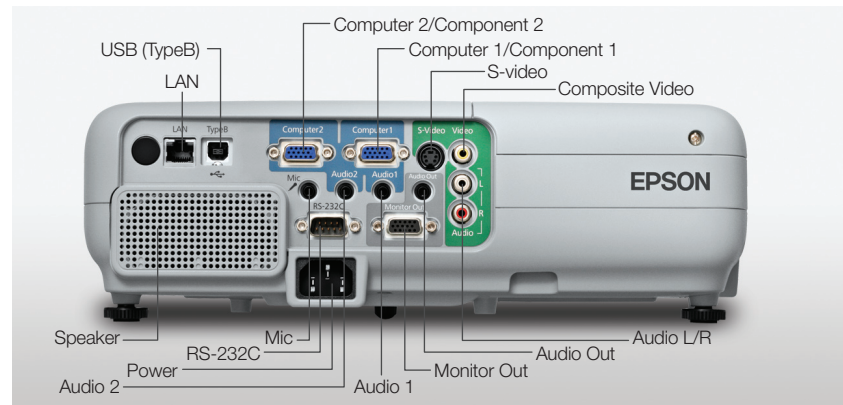
100 – 240 V ±10%, 50/60 Hz

#### Power Consumption

289 W

Communication on: 7.9 W standby

Communication off: 1.9 W standby



### Fan Noise

35 dB (High Light Output Mode)

28 dB (Low Light Output Mode)

### Security

Kensington®-style lock provision, security  
anchor bar

### DIMENSIONS (W x D x H)

Including feet: 12.9" x 9.8" x 4.3"

Excluding feet: 12.9" x 9.8" x 3.7"

Weight: 6.9 lb/3.1 kg

### REMOTE CONTROL

#### Features

Search, Comp, Video, USB, LAN, power,  
aspect, color mode, volume, e-zoom, A/V mute,  
freeze, menu, page up and down, help, auto,  
mouse functions, user, num, pointer, esc, enter

#### Operating Angle

Right/left: ± 30 degrees

Upper/lower: ± 30 degrees

#### Operating Distance

19' (6 m)

### SUPPORT — THE EPSON CONNECTION™

#### 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, Epson PrivateLine®  
dedicated toll-free support and 90-day lamp  
limited warranty

#### What's In The Box

Power cord, computer cable (VGA), USB  
cable, soft carrying case, projector remote  
control, batteries, user manual CD, Projector  
Software CD, Quick Setup Sheet, PrivateLine  
support card, registration card and password  
protection sticker

### ACCESSORY PART NUMBERS

Universal projector ceiling mount ELPMBPJF

Advanced projector ceiling mount ELPMBPRG

High Security projector

ceiling mount ELPMBATA

Adjustable suspended ceiling

channel kit

ELPMBP01

False ceiling plate kit

ELPMBP02

Structural Round ceiling plate

ELPMBP03

Adjustable Extension Column

(pipe) 8" – 11"

ELPMBP03

Component to VGA video cable

8' – 11'

ELPMBP03

S-video cable

8' – 11'

ELPMBP03

SwissGear® backpack

8' – 11'

ELPMBP03

Wheeled soft case

8' – 11'

ELPMBP03

Soft shoulder case for

projector and laptop

ELPMBP03

Molded hardshell case

8' – 11'

ELPMBP03

50" portable screen

8' – 11'

ELPMBP03

60" portable pop-up screen

8' – 11'

ELPMBP03

80" portable pop-up screen

8' – 11'

ELPMBP03

Duet™ screen

8' – 11'

ELPMBP03

Epson DC-10s document camera

8' – 11'

ELPMBP03

Epson DC-06 document camera

8' – 11'

ELPMBP03

(ELPDC06)

8' – 11'

ELPMBP03

Kensington security lock

8' – 11'

ELPMBP03

Distribution amplifier

8' – 11'

ELPMBP03

Image presentation camera

8' – 11'

ELPMBP03

(ELPDC05)

8' – 11'

ELPMBP03

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\* Light output varies depending on modes (color and white light output).

\*\* Lamp life results will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.