

PowerLite® 85

Multimedia Projector



Step up to advanced connectivity and optional wireless performance.

- **Bright, brilliant presentations** — 2600 lumens color light output, 2600 lumens white light output*
- **Razor-sharp detail** — native XGA resolution
- **Convenient network accessibility** — display images and presentations over the IP network from any networked location
- **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
- **Message broadcasting** — broadcasts customized images/alerts over the network for announcements or instructions†
- **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
- **Wireless capabilities** — via the optional wireless module and included software or optional Quick Wireless Connection USB key
- **PC-free JPEG slideshows** — via the USB thumb drive port
- **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 85

Multimedia Projector

ORDERING INFORMATION

Product Name	Product Code	UPC
PowerLite 85	V11H295020	010343 87304 9
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), 1280x768 (WXGA 60-1),
1360x768 (WXGA 60-2), 1280x960 (SXGA2),
1280x1024 (SXGA3), 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/SDTV/HDTV

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), Type A x 1 (for USB
memory device)

Serial: RS-232c x 1

LAN Networking: RJ-45 x 1

Monitor Out: Mini D-sub 15 pin x1

Microphone: stereo mini jack x 1

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

Speaker

10 W (mono)

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage

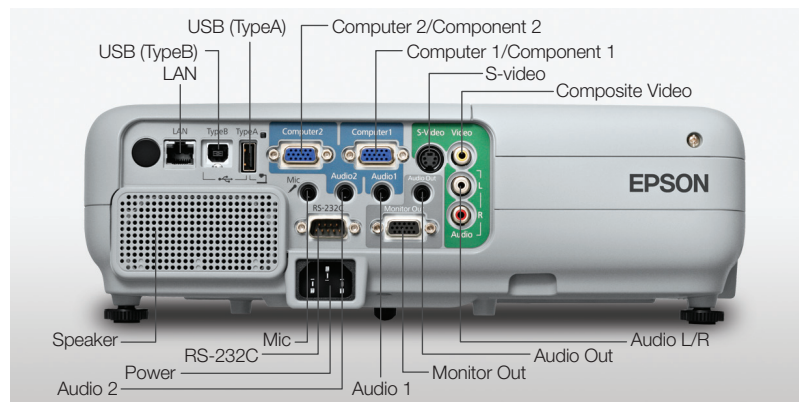
100 – 240 V ±10%, 50/60 Hz

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: 7.0 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

Internet website

800-463-7766

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

Wireless LAN module (ELPAP03) V12H306P11

Quick Wireless Connection

USB Key (ELPAP05)

V12H005M05

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"

ELPMBP01

Component to VGA video cable

ELPMBP02

S-video cable

ELPMBP03

SwissGear® backpack

ELPMBP03

Wheeled soft case

ELPMBP03

Soft shoulder case for

projector and laptop

ELPMBP03

Molded hardshell case

ELPMBP03

50" portable screen

ELPMBP03

60" portable pop-up screen

ELPMBP03

80" portable pop-up screen

ELPMBP03

Duet™ screen

ELPMBP03

Epson DC-10s document camera

ELPMBP03

Epson DC-06 document camera

ELPMBP03

(ELPDC06)

V12H321001

Kensington security lock

ELPMBP03

Distribution amplifier

ELPMBP03

Image presentation camera

ELPMBP03

(ELPDC05)

V12H162020

* Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.

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

† Plug-in available at www.epson.com