

**PowerLite**<sup>®</sup>  
**78**  
Multimedia Projector



Rich color. Razor-sharp detail.

- Rich, vibrant color — 3-chip optical engine
- Reliable performance — 3LCD technology
- Stunning, razor-sharp detail; HD-ready — native XGA resolution, up to 1600 x 1200
- Super bright and colorful — 2200 lumens color, 2200 lumens white light output
- Low cost — up to 4000-hour lamp life, low power consumption, included carrying case
- Quick, convenient control — Direct Power On/Off, AV Mute/Sleep Mode, Instant Off<sup>®</sup>/On
- Plug 'n Play no hassle setup — instantly projects images from a PC via USB connection
- Easy picture adjustment — automatic keystone correction, 1.2x optical zoom



# PowerLite 78

## Multimedia Projector

### ORDERING INFORMATION

Product Name	Product Code	UPC
PowerLite 78	V11H284420	010343 86968 4
Replacement Lamp	V13H010L41	010343 86410 8
Replacement Air Filters	V13H134A13	010343 86412 2

### 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\*\*

2200 lumens (ISO 21118 Standard)

#### Color Light Output\*\*

2200 lumens

#### Aspect Ratio

4:3

#### Native Resolution

1024 x 768 (XGA)

#### Resize

640 x 480 (VGA), 1152 x 864 (SXGA),  
1280 x 800 (WXGA), 1440 x 900 (WSXGA),  
1400 x 1050 (SXGA+)

#### Lamp Type

170 W UHE

#### Lamp Life\*

Up to 4000 hours (Low Light Output Mode)  
Up to 3000 hours (High Light Output Mode)

#### Throw Ratio Range

1.4 – 1.68

#### Size (projected distance)

30" – 300" (2.8' – 28.5')

#### Keystone Correction Automatic

Vertical: ± 11 degrees

#### Keystone Correction Manual

Vertical: ± 30 degrees

#### Plug 'n Play

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

#### Contrast Ratio

Up to 2000:1 with Auto Iris  
510:1 Native

#### Color Reproduction

16.77 million colors

#### PROJECTION LENS

##### Type

Digital zoom/Manual focus

##### F-number

1.6 – 1.74

##### Focal Length

18.4 mm – 22.12 mm

##### Zoom Ratio

Optical zoom 1.0 – 1.2

#### OTHER

##### Display Performance

NTSC: 560 lines  
PAL: 560 line  
(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 1  
S-video: Mini DIN x 1  
Composite video: RCA (Yellow) x 1  
Audio in: RCA x 1 (White/Red)  
USB connector: Type B x 1  
Monitor out: D-sub 15 pin x 1

##### Speaker

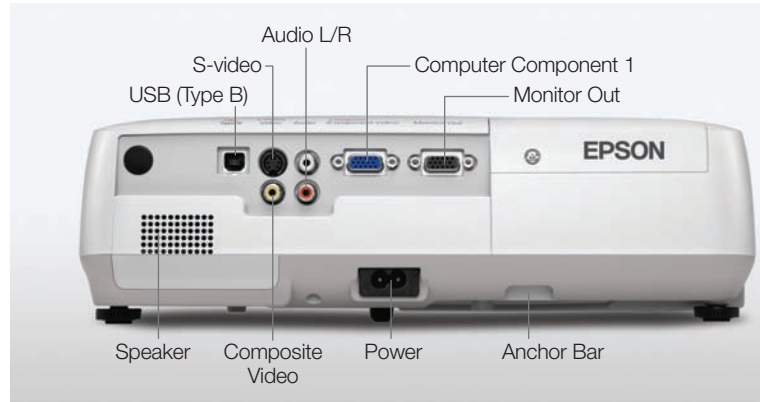
1 W (Mono)

##### Operating Temperature

41° to 95° F (5° to 35° C)

##### Power Supply Voltage

100 – 240 V ±10%, 50/60 Hz



#### Power Consumption

260 W, 5 W standby

#### Fan Noise

35 dB (High Light Output)  
28 dB (Low Light Output)

#### Security

Kensington®-style lock provision,  
Password protect function, security bar

#### DIMENSIONS (W x D x H)

Including feet: 12.9" x 9.6" x 4.0"  
Excluding feet: 12.9" x 9.6" x 3.6"  
Weight: 6.2 lb/2.8 kg

#### REMOTE CONTROL

##### Features

Source search selection, power, volume,  
e-zoom, A/V mute, freeze, menu, page up  
and down, help, auto, mouse functions

##### Operating Angle

Right/left: ± 30 degrees  
Upper/lower: ± 15 degrees

##### Operating Distance

19' (6 m)

#### SUPPORT — THE EPSON CONNECTION<sup>SM</sup>

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  
warranty

#### What's In The Box

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

#### ACCESSORY PART NUMBERS

Universal projector ceiling mount	ELPMBPJF
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
SwissGear® backpack	ELPKS63
Wheeled soft case	ELPKS62
Soft shoulder case for projector and laptop	ELPKS61
Molded hardshell case	ELPKS58
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
Duet™ screen	ELPSC80
Epson DC-10s document camera	ELPDC10S
Kensington security lock	ELPSL01

#### PACKAGING SPECIFICATIONS

##### PowerLite 78

Dimensions 16.8" x 14.9" x 7.2" (W x D x H)  
Weight 11.9 lb

##### Replacement Lamp

Dimensions 6.3" x 5.5" 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 1.1 lb

Units Per Master Carton 10

##### Replacement Air Filter

Dimensions 3.9" x 1.2" x 4.9" (W x D x H)

Weight 0.88 lb

##### Master Carton

Dimensions 12.8" x 5.3" x 4.7" (W x D x H)

Weight 1.1 lb

Units Per Master Carton 10

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

\*\* Light output varies depending upon modes (color and brightness) selected.