

PowerLite® 77c

Multimedia Projector



**Epson® — the world's
leading projectors**



Key Features

- Brilliant presentations in virtually any setting with 2200 lumens
- Lightweight, travel-friendly design (just 6 lb)
- Native XGA resolution for vibrant images with precision color and detail — supports HDTV (720p, 1080i), SXGA+, UXGA
- Instant On and Instant Off® for fast setup and quick shut down
- Auto keystone correction for easy setup adjustments
- Sharper, more intense images with the latest generation of high-aperture Epson 3LCD technology
- Greater positioning flexibility with 1.2x optical zoom
- Energy-efficient E-TORL™ lamp that lasts up to 4000 hours
- A/V Mute Slide for greater control over any presentation (instantly turns off the sound and images)
- Easy lamp and air filter access for quick, affordable replacements

Ordering Information

Product Name	Product Code	UPC
PowerLite 77c	V11H254220	0 10343 86407 8
Replacement lamp	V13H010L41	0 10343 86410 8
Replacement air filter	V13H134A13	0 10343 86412 2

Epson PowerLite 77c Specifications

Projection System

High aperture Epson 3LCD technology

Projection Method

Front/rear/ceiling mount

LCD

Driving Method

Epson Poly-silicon TFT Active Matrix

Pixel Number

786,432 dots (1024 x 768) x 3 LCDs

Native Resolution

XGA

Aspect Ratio

4:3 (supports 16:9)

Pixel Arrangement

Cross stripe

Projection Lens

F-number

1.6 – 1.74

Focal Length

18.4 – 22.12 mm

Zoom Ratio

Optical zoom 1.0 – 1.2

Lamp

Type

E-TORL 170 W UHE

Life*

3000 hours (High Brightness Mode)

4000 hours (Low Brightness Mode)

Screen

Screen Width Ratio (distance/width)

1.2

Screen Size (projected distance)

30" – 300" (2.7' – 34.2')

Keystone Correction

Automatic, 0-11 degrees vertical

Manual, ±30 degrees vertical

Brightness (High Brightness Mode)

Up to 2200 lumens

Contrast Ratio (High Brightness, Game Mode)

Up to 400:1

Brightness Uniformity (typical)

90%

Color Reproduction

16.7 million colors

Audio Output

1 W monaural

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage

100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

248 W, 4.1 W standby

Dimensions (W x D x H)

Including feet

12.9" x 9.6" x 4.3"

Excluding feet

12.9" x 9.6" x 3.6"

Weight

6.0 lb/2.7 kg

Fan Noise

35 dB (High Brightness Mode)

28 dB (Low Brightness Mode)

Effective Scanning Frequency Range

Pixel clock

13.5 MHz – 162 MHz

Horizontal

15 KHz – 92 KHz

Vertical

50 Hz – 85 Hz

Remote Control

Features

Source search, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto

Operating Angle

Right/left ± 30 degrees

Upper/lower ± 15 degrees

Operating Distance

19.7 ft (6 m)

Display performance

Native

1024 x 768

Resize

640 x 480

800 x 600

1280 x 1024

1400 x 1050

1600 x 1200

Video I/O

Display Performance

NTSC: 560 line

PAL: 560 line

(depends on observation of the multi-burst pattern)

Input Signal

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

SECAM

480i, 480p, HDTV: 720p, 1080i

Interfaces

Computer/Component video: Mini D-sub 15 pin

S-video: Mini DIN

Composite video: RCA

Composite audio RCA x 2

Monitor out

USB Type B (mouse and keyboard control)

Audio Signal

500m Vrms/47K ohm

Security

Kensington®-style lock provision, anchor (metal)

bar for security lock or cable

Warranty

Two-year limited warranty, 90-day lamp warranty,

Epson Road Service Program and Epson

PrivateLine® dedicated toll-free support

(U.S. and Canada only)

Contents

Power cable, computer cable, projector remote

control, batteries, soft carrying case, CD-ROM,

Quick Setup Sheet, PrivateLine support card,

password protection sticker

Accessory Part Numbers

Replacement remote 1456639

Universal ceiling mount ELPMBUNI

Suspension adapter ELPMBAPL

False ceiling plate ELPMBFCF

Adjustable ceiling channel (ceiling

plate not included or required) ELPMBACC

Security bracket for security channel ELPMBSEC

Distribution amplifier ELPDA01

Component to VGA video cable ELPKC19

S-video cable ELPKV01

Samsonite® wheeled soft case ELPKS35-S

Samsonite soft shoulder case for

projector and laptop ELPKS43

50" portable screen ELPSC06

60" portable pop-up screen ELPSC07

80" portable pop-up screen ELPSC08

83.6" classroom style pull-down

screen ELPSC09

Duet™ screen ELPSC80

Image Presentation Camera

(ELPDC05) V12H162020

Kensington security lock ELPKL01

Support — The Epson ConnectionSM

Pre-sales Support

U.S. and Canada 800-463-7766

Automated Technical Support 800-922-8911

Internet Web Site www.epson.com

Presenters ONLINE presentersonline.com

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

Packaging Specifications

PowerLite 77c

Dimensions 16.8" x 14.9" x 7.2" (W x D x H)

Weight 11.7 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 9.1 lb

Units Per Master Carton 10

Replacement Air Filter Set

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



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