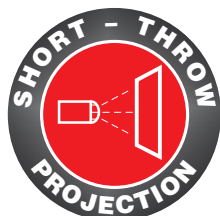# EPSON®
EXCEED YOUR VISION

PowerLite® 400W
Short-throw WXGA Projector

The world's first WXGA 3LCD projector to feature short throw distance.

Features/Benefits

- Ultra short throw distance – display an 87-inch, 16:10 image from just 3.4 feet away
- Limited shadows – ideal for use with interactive whiteboards
- Big images – 16:10 performance provides 30 percent more area than 4:3 projectors
- Widescreen- and HD-ready – native WXGA (1280 x 800) resolution
- Bright, colorful images; reliable performance – 3LCD, 3-chip technology and 1800 lumens
- Flexible communication – built-in, 10 W speaker and closed captioning decoder
- Simple installation – optional wall mount reduces installation time and costs
- Easy network control – RJ-45 and RS-232c connections
- Energy efficient – long-life, E-TORL lamp and low power consumption

Ordering Information

Product Name	Product Code	UPC
PowerLite 400W	V11H281020	0 10343 86735 2
Replacement lamp	V13H010L42	0 10343 86411 5
Replacement air filter	V13H134A13	0 10343 86412 2

Epson. The world leader in projectors.

Epson PowerLite 400W Specifications

Projection System
High aperture Epson 3LCD technology

Projection Method
Front/rear/wall/ceiling mount

LCD
Driving Method
Epson Poly-silicon TFT Active Matrix

Pixel Number
1,024,000 dots (1280 x 800) x 3 LCDs

Native Resolution
WXGA

Aspect Ratio
16:10 (supports 16:9 and 4:3)

Pixel Arrangement
Cross stripe

Projection Lens
Type
Manual focus

F-number
1.80

Focal Length
6.48 mm

Zoom Ratio
Digital 1.35x

Lamp
Type
E-TORL™ 170 W UHE

Life*
3000 hours (High Brightness Mode)
4000 hours (Low Brightness Mode)

Screen
Throw Ratio Range
0.42' – 0.58' (diagonal)

Screen Size (projected distance)
50" – 100"

Keystone Correction
Vertical: ±15 degrees

Brightness (High Brightness Mode)
Up to 1800 lumens (ISO 21118 standard)

Contrast Ratio (High Brightness, Game Mode)
Up to 500:1

Brightness Uniformity (typical)
85%

Color Reproduction
16.77 million colors, full-time color

Audio Output
10 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
251 W, 4.9 W standby network on, 4.2 W network off

Dimensions (W x D x H)
Including Feet
12.9" x 10.7" x 6.2"

Excluding Feet
12.9" x 10.2" x 3.7"

Weight
7.9 lb/3.6 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, help, auto

Operating Angle
Upper/lower: front 0 to +60 degrees
Right/left: ± 30 degrees
Rear: 30 to +30 degrees

Operating Distance
19.7 ft (6 m)

Display Performance
Native Resolution
1280 x 800

Resize
640 x 480
800 x 600
1020 x 768
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

Connectivity
Computer/component video: Mini D-sub HD 15 pinx 2
S-video: Mini DIN x 1
Composite video: RCA x 1
Audio in x 3 (1 RCA (L&R), 2 mini stereo)
Variable audio out: mini stereo x 1
LAN networking: RJ-45 x 1
Serial: RS-232c x 1
Monitor out: Mini D-sub 15 pin x 1

Audio Signal
500 m Vrms/47K ohm

Security
Kensington®-style lock provision, anchor (metal)
bar for security lock or cable; password protection
function

Service Programs
Two-year limited warranty, 90-day lamp limited
warranty, Epson Road Service program and Epson
PrivateLine dedicated, toll-free telephone support
(U.S. and Canada only)

Support — The Epson Connection℠
Pre-sales Support
U.S. and Canada   800-463-7766
Internet Web Site   www.epson.com
Projector resources available at   presentersonline.com

Contents
Power cable, computer cable, projector remote control,
batteries, user manual CD, Easy Management™ CD,
Quick Setup Sheet, PrivateLine support card, password
protection sticker

Accessory Part Numbers
Replacement remote	1456641
Presentation remote control	V12H007TOB
Short-throw projector wall mount	ELPMSTPW
Universal projector ceiling mount	ELPMBPJF
Advanced projector ceiling mount with precision gear	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) 6"-9"	ELPMBC01
Security flex foot kit	ELPMBF01
Distribution amplifier	ELPDA01
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
Swiss Gear Backpack	ELPKS63
Simple Soft carrying case	V12H001K60
Wheeled soft case	ELPKS62
Soft shoulder case for projector and laptop	ELPKS61
ATA molded hardshell case	ELPKS58
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
Duet™ screen	ELPSC80
Image Presentation Camera (ELPDC05)	V12H162020
Kensington security lock	ELPSL01

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

Packaging Specifications

PowerLite 400W
Dimensions	14.1" x 19.1" x 11.3" (W x D x H)
Weight	13.5 lb

Short-throw Projector Wall Mount
Dimensions	13" x 15.5" x 54" (W x D x H)
Weight	31 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
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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