

EPSON[®]
EXCEED YOUR VISION



PowerLite[®] 4100 MULTIMEDIA PROJECTOR



Brilliant quality. Easy installation features.

Engineered for easy installation, the PowerLite 4100 offers a flexible solution for any classroom or boardroom. Featuring 4500 lumens of color and white light output¹, plus XGA resolution, this powerful performer ensures amazing presentations and provides convenient maintenance features. With one-touch filter removal and easy side lamp access, the PowerLite 4100 offers a low cost of ownership and added peace of mind. It even includes a closed captioning decoder, so there are no added costs to accommodate those with hearing impairments. The PowerLite 4100 is ideal for both executive boardrooms and educational institutions, with value, power and performance for all your presentation needs.

Bright performance; brilliant detail — 4500 lumens color and white light output¹, XGA resolution

Network-ready — RJ-45 LAN connection with monitor and control capabilities

Easy installation — horizontal/vertical lens shift, centered lens design, 1.8x zoom lens and Quick Corner[®] allow for flexible room placement and easy image adjustments at setup



PowerLite® 4100

MULTIMEDIA PROJECTOR

The best-selling projectors in the world.

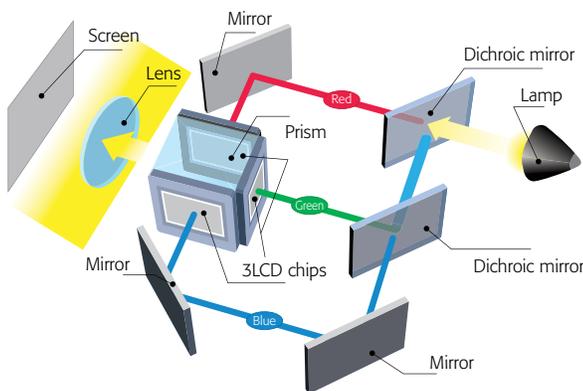
Epson understands business and education and has a solution no matter what your situation. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From long-throw projectors to ultra-short-throw and all-in-one solutions, Epson has the model made for you.



Brilliant image quality

3LCD technology – for quality and color that's beyond amazing

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors²
- Over 20 years of road-tested reliability built into every projector



Amazing color light output

Rich color and detail are critical for presentations — that's why it's important to understand that color light output is an essential ingredient in achieving optimum performance. The PowerLite 4100 delivers 4500 lumens of color light output and 4500 lumens of white light output¹ for bright, vibrant colorful images.



C²Fine® technology delivers a higher contrast ratio

C²Fine offers smooth, uniform images with exceptional contrast for better image quality. Based on this new phase-compensation technology, light leakage is eliminated, and, when combined with the auto iris, this technology allows for contrast ratios of up to 1000:1.



▲ With C²Fine



▲ Without C²Fine

Advanced sharpness

Another feature Epson has transferred over from its industry-leading home cinema projectors: Advanced sharpness for video. Depending on the content, users can adjust any of the following attributes of the image: thin line enhancement, thick line enhancement, vertical line enhancement or horizontal line enhancement.

Better Products for a Better Future®

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

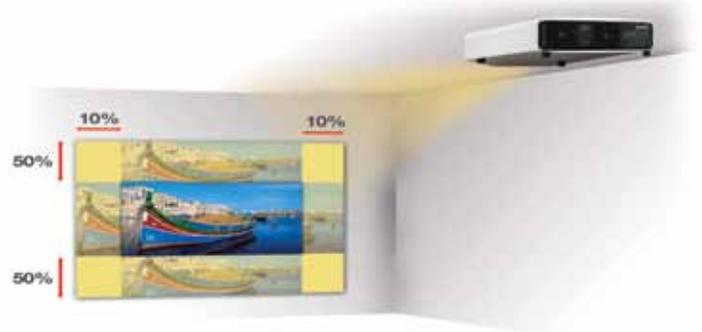
- Energy-efficient 3LCD light engine
- Designed to be recycled³
- Epson America, Inc. is a SmartWaySM Transport Partner⁴



Easy and flexible installations

Centered lens design

The PowerLite 4100 makes installation easy to plan with lens-to-screen alignment. Installers can position the ceiling mount, screen and projector independently of one another, knowing that the center of the screen will align with the lens at the center of the projector.

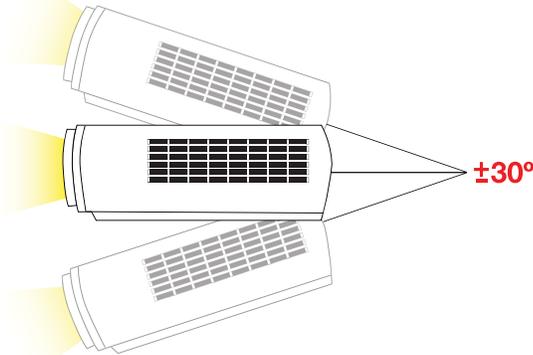


Epson lens shift technology

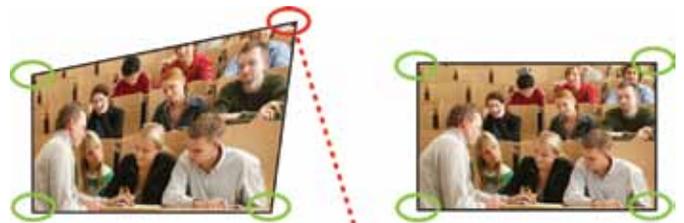
In addition to added reliability and amazing color performance, Epson's industry-leading 3LCD technology enables these projectors to achieve a wide range of lens shift capabilities allowing you to install around obstacles. This lens shift technology enables an incredible range of ± 50 percent on the vertical axis and ± 10 percent on the horizontal axis.

Off-axis, flexible installation

The PowerLite 4100 also features a ± 30 -degree tilt operation for off-axis positioning flexibility. As a result, this projector can be used for a wide range of applications, such as projecting on angled surfaces. Epson technology keeps the projector running without compromising performance or causing overheating.



▲ Off-axis, flexible installation



Quick Corner

This innovative feature allows you to move any of the four corners of an image independently at setup, using the remote control to adjust each corner for a perfectly rectangular picture.



Keystone correction

Adjusts up to ± 40 degrees vertically and ± 20 degrees horizontally to easily achieve a perfect square image.

Convenient control, monitoring and communication

Monitor and control

- **Easy Management® software included** — remotely access, monitor and control Epson projectors over the network; includes e-mail notifications
- **Network-ready for monitor and control** — RJ-45 LAN connection

Web-based remote control

This utility allows users to control one projector at a time through the LAN network. Projector control is used in the room in which the projector is located, taking the place of the remote control for some basic commands, including power on and off, volume control, source changes and more.



Low cost of ownership

Protect your investment — long-life electrostatic air filter

This innovative filter was designed to protect the optical engine, lamp and electronics from small dust particles that can enter any projector. It has a recommended 3,000-hour filter cleaning schedule⁶ and can capture particles as small as three microns, due in part to its pleated, expanded design.

With one air intake and one exhaust path, the PowerLite 4100 offers efficient airflow systems for optimum cooling of key components and a reduction in dust-related problems.



Long-life lamp that's easy to replace

This high-efficiency lamp lasts up to 2000 hours in Normal Mode and up to 3000 hours in ECO Mode.⁷ It can be replaced quickly and easily, without having to uninstall the projector from the ceiling.



Full-featured performance

DICOM Simulation Mode

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. The projector's DICOM Simulation Mode enables users to reproduce images with an advanced gray scale level that simulates DICOM Part 14. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.⁵



▲ Normal Mode



▲ DICOM Simulation Mode

Built-in closed captioning

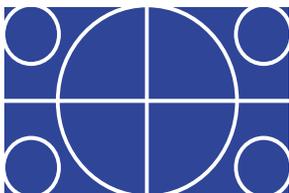


- Accommodates those with hearing impairments
- Delivers important content when audio broadcasting is not preferred

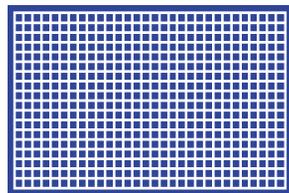


Test patterns

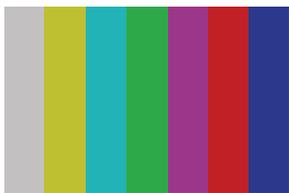
The PowerLite 4100 also features four test patterns for precise setup, including detecting distortion, checking linearity, color reproduction and bleeding, and DICOM simulation mode.



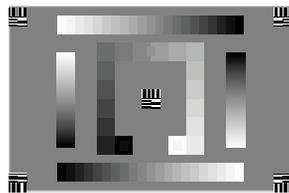
▲ Standard



▲ Cross-Hatch



▲ Color Bars



▲ Grayscale



PowerLite® 4100

Multimedia Projector

Product Name	Product Code	UPC
PowerLite 4100	V11H380020	0 10343 88096 2
Genuine Epson Lamp	V13H010L62	0 10343 88122 8
Replacement Air Filter	V13H134A17	0 10343 86897 7

Specifications

Projection System

High-aperture Epson 3LCD, 3-chip technology

Projection Method

Front/rear/ceiling mount

Driving Method

Epson Poly-silicon TFT Active Matrix

Pixel Number

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

Native Resolution

1024 x 768 (XGA)

Aspect Ratio

Supports 4:3, 16:9, 16:10

Pixel Arrangement

Cross stripe

Color Light Output¹

4500 lumens

White Light Output¹

4500 lumens (ISO 21118 standard)

Contrast Ratio (High Brightness, Dynamic Mode)

1000:1

Brightness Uniformity (typical)

89%

Color Reproduction

16.7 million colors

Size (projected distance)

30" – 300"

Lens Shift

Vertical: ±50 degrees

Horizontal: ±10 degrees

Keystone Correction

Vertical: ±40 degrees

Horizontal: ±20 degrees

Lamp Type

275 W UHE

Lamp Life⁷

2000 hours (Normal Mode)

3000 hours (ECO Mode)

Effective Scanning Frequency Range

Pixel Clock

13.5 MHz – 162 MHz (up to UXGA 60 Hz)

Horizontal

15 kHz – 92 kHz

Vertical

50 Hz – 85 Hz

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/576i/480p/576p/720p/1080i/1080p

Pixel works: video chip

3D Y/C separation, noise reduction

motion compensated

Interface-Progressive conversion

(2 – 2, 3 – 2 film detection)

Interfaces

Computer: D-sub 15pin x 1

Composite video: BNC x 1

Video: 5-BNC x 1

Network: RJ-45 x 1, 100Mbps

Serial: RS-232c

Projection Lens

Type

Manual focus/zoom

F-number

1.65 – 2.55

Focal Length

21.28 mm – 37.94 mm

Zoom Ratio

Optical zoom 1.0 – 1.8

Throw Ratio Range

1.30 – 2.36

Other Features

Operating Temperature

32 ° to 104 °F (0 ° to 40 °C)

Power Supply Voltage

100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

390 W (Normal Mode)

323 W (ECO Mode)

10 W Standby (Communication on)

0.38 W Standby (Communication off)

Fan Noise

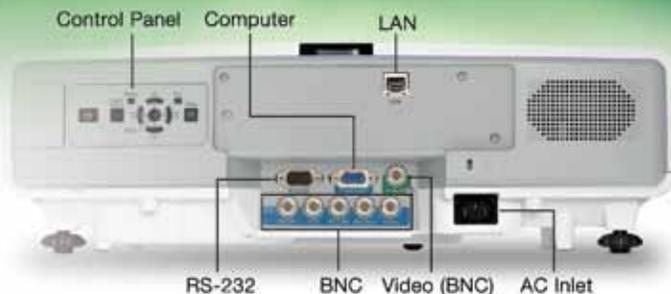
33 dB (Normal Mode)

28 dB (ECO Mode)

Security

Security Cable Hole, Lens Lock,

Kensington® Lock provision



Dimensions (W x D x H)

Including Feet (with standard lens)

18.50" x 12.26" x 5.96"

Excluding Feet, Lens

18.5" x 12.26" x 5.31"

Weight 15 lb

Remote Control

Features

Power, source search selection, computer, video, A/V mute, freeze, user ID, auto, aspect, color mode, num, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions

Operating Angle

Right/left:

Front: ± 60 degrees

Rear: ± 30 degrees

Upper/lower:

Front: ± 20 degrees

Rear: +10 to +45 degrees

Operating Distance

49 ft

Support

The Epson ConnectionSM

Pre-sales support

U.S. and Canada 800-463-7766

Internet website www.epson.com

Service Programs

Two-year limited warranty, Epson Road

Service program, Epson PrivateLine[®]

dedicated toll-free support (U.S. and

Canada only) and 90-day limited

lamp warranty

What's In The Box

PowerLite 4100 projector, power cable,

computer cable (VGA), projector remote control

with batteries, user manual CD, EasyMP[®]

software CD, Quick Setup Sheet, PrivateLine

support card, registration card, password

protection sticker and lens lock screw

Accessory Part Numbers

Genuine Epson lamp	V13H010L62
Replacement air filter	V13H134A17
Replacement remote control	1485872
Advanced projector ceiling mount with precision gear	ELPMBPRG
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural round ceiling plate	ELPMBP03
Adjustable extension column (pipe) 8" – 11"	ELPMB01
Kensington security lock	ELPSLO1
50-inch portable screen (4:3 aspect ratio)	ELPSC06
60-inch portable pop-up screen (4:3 aspect ratio)	ELPSC07
80-inch portable pop-up screen (4:3 aspect ratio)	ELPSC08
Duet™ portable projector screen (4:3/16:9 combination)	ELPSC80
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
Distribution amplifier	ELPDA01
Remote control (ELPST16)	V12H007T16
Image presentation camera (ELPDC05)	V12H162020

Packaging Specifications

PowerLite 4100

Dimensions 21.9" x 18.4" x 11.1" (W x D x H)

Weight 21.3 lb

Genuine Epson Lamp

Dimensions 6.3" x 5.6" x 5.6" (W x D x H)

Weight 0.8 lb

Master Carton

Dimensions 28.4" x 13.1" x 6.8" (W x D x H)

Weight 9 lb

Units Per Master Carton 10

Replacement Air Filter

Dimensions 11.3" x 3.7" x 1.9" (W x D x H)

Weight 0.21 lb

Master Carton

Dimensions 19.2" x 11.8" x 4.8" (W x D x H)

Weight 3.09 lb

Units Per Master Carton 10

1 White and color light output will vary depending on mode selected. White light output measured using ISO 21118 standard.

2 Data source: ProjectorCentral.com Jan 2010. Average of 910 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels.

3 See our website for convenient and reasonable recycling options at www.epson.com/recycle

4 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

5 This projector does not meet the DICOM standard Part 14 and should not be used as a medical diagnostic device.

6 A 3000-hour filter cleaning cycle recommendation is based on normal room conditions. Cleaning requirements may vary depending on use, environment and other conditions. Cleaning intervals may be adjusted to accommodate the environment in which the projector is used.

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