EPSON®
EXCEED YOUR VISION

PowerLite® 1940W, 1950 and 1960
MULTIMEDIA PROJECTORS

PowerLite 1940W shown

Bright solutions for smaller venues.

Keep presentations shining bright, even in ambient light, with the PowerLite 1940W, 1950 and 1960. Designed for corporate, education and house of worship use, this family of bright, feature-packed solutions projects vibrant images in virtually any setting. These sleek projectors can be easily carried between meeting rooms and classrooms or can be installed in small- to medium-size venues. Need widescreen, larger-than-life images? Select the PowerLite 1940W with WXGA resolution. Award-winning Faroudja DCDi® technology, featured on all these models, reduces noise and enhances sharpness, creating smooth video images. And, Split Screen[1] enables you to conveniently display content from two different sources simultaneously. This family of PowerLite projectors truly is a bright solution for your presentation needs.

Bright, brilliant picture with 3LCD, 3-chip technology — 4200 lumens color/white light output[2], WXGA widescreen resolution (1940W), 4500 lumens color/white light output[2], XGA resolution (1950) and 5000 lumens color/white light output[2], XGA resolution (1960)

Advanced connectivity — DisplayPort, HDMI, VGA, Composite, USB

Feature-rich — Split Screen[1], Multi-PC display, PC-free presentation with PDF viewer, automatic vertical image correction, easy-slide horizontal keystone correction, DICOM Simulation Mode[3] and more

The best-selling projectors
#1
EPSON Projectors
in the world

The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet most any need. Built with image quality and reliability in mind, EPSON® projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready installable business projectors, Epson has the model made for you.
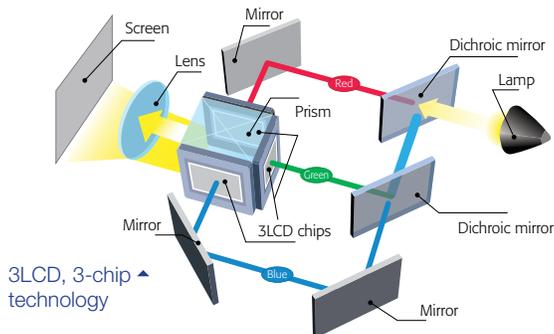
Brilliant Image Quality

3LCD technology — for quality and color that's beyond amazing
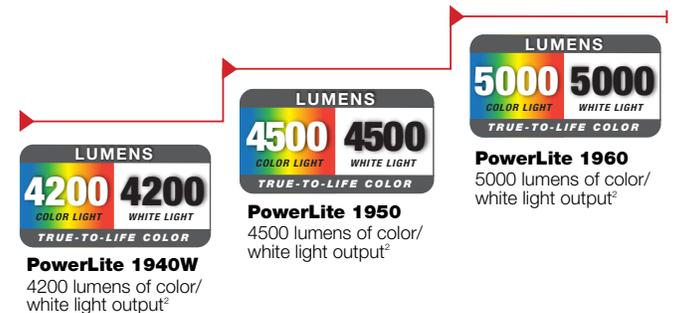
Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[4]
- Over 20 years of road-tested reliability built into every projector

CERTIFIED 3 CHIP TECHNOLOGY

3LCD

Screen
Mirror
Lens
Dichroic mirror
Red
Lamp
Prism
Green
Mirror
3LCD chips
Dichroic mirror
Blue
Mirror

3LCD, 3-chip ▲ technology

WXGA (1280 x 800), 16:10 native resolution — for remarkable detail and widescreen convenience (1940W only)

The widescreen PowerLite 1940W is ideal for use with the latest-generation widescreen computers and great for projecting a wide variety of content. Its native 16:10 aspect ratio allows you to fully utilize the capabilities of your widescreen computer, giving you 30% more image area than a 4:3 image.

The PowerLite 1940W also allows you to display 4:3 content without losing image quality.

PowerLite 1950/1960

XGA (1024 x 768) resolution

PowerLite 1940W

WXGA (1280 x 800) resolution

Amazing color and white light output

The PowerLite 1900 Series delivers true-to-life, vibrant, colorful images, even in ambient light. For today's color-rich, multimedia content, users want a projector that delivers both optimum white and color imagery. That is why the industry has developed a new metric called Color Light Output.

LUMENS
5000 COLOR LIGHT 5000 WHITE LIGHT
TRUE-TO-LIFE COLOR

PowerLite 1960
5000 lumens of color/ white light output[2]

LUMENS
4500 COLOR LIGHT 4500 WHITE LIGHT
TRUE-TO-LIFE COLOR

PowerLite 1950
4500 lumens of color/ white light output[2]

LUMENS
4200 COLOR LIGHT 4200 WHITE LIGHT
TRUE-TO-LIFE COLOR

PowerLite 1940W
4200 lumens of color/ white light output[2]

Always look for Color Light Output when choosing a projector

- For optimum image quality and performance, the projector you choose should offer equal levels of color and white light output
- When the two measurements are not identical, images do not look balanced
- Whites may be brighter, making the colored areas look dull and flat
- The combination of color richness (color light output) and brightness (white light output) is as critical as the combination of bass and treble would be when purchasing audio equipment

High color light output   Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

Advanced Networking Features and Cutting Edge Technology

EPSON iProjection App via Networked Projector

Connect your projector via an RJ-45 cable to a wireless-capable network and you can project using your iOS device. Share your presentations files, photos and more from your iPad®/iPod®/iPhone® via the EPSON iProjection application.

For more information, visit www.epson.com/ProjectorApp

Monitor/control projectors remotely

Easily monitor and control networked Epson projectors using the included EasyMP® software

- Schedule remote power on/off functionality; saves energy, money and time
- Check the status of each projector as part of your maintenance routine
- Access maintenance alerts for connected projectors, right from your office
- Crestron RoomView enabled — monitor and control your projector with your existing RoomView software

CERTIFIED CRESTRON Integrated Partner

Message broadcasting[5]

- Broadcast customized images/alerts over the network for announcements or instructions
- Send messages to up to 1024 projectors simultaneously (message will overwrite the current screen content if the projector is being used, unless this function is disabled by the presenter)
- If the projector is off, message broadcasting will turn it on and display the message

Digital DisplayPort and HDMI connectivity

DisplayPort and an HDMI digital display interface enable the projector to easily project digital content including video and audio. Both are compatible with the latest laptops, Blu-ray®, DVD and other media players. Future proof your digital content.

Split Screen[1] feature

Project two images (video or still) side-by-side from two different sources simultaneously. You can choose from three layout options, swap the images/display sizes, choose the source for the audio and even display closed captioning if the source signal includes it.

Layout Option-1: 50-50% Split Screen

Layout Option-2: Main image on the left

Layout Option-3: Main image on the right

Multi-PC projection

EPSON Multi-PC Collaboration utility allows you to display four individual PC screens simultaneously over the network with up to 32 PCs connected to the same projector. This feature is a great tool for meetings or classroom projects where multiple users can present and share ideas and graphics.
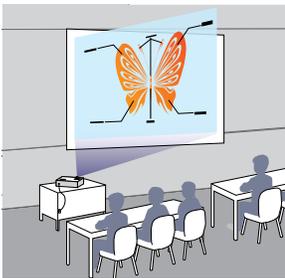
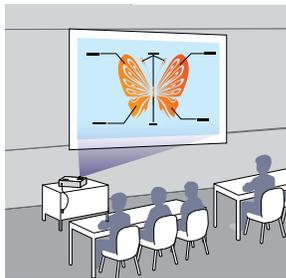

Ease of Use

PC-free presentations including PDFs

Just plug your USB hard drive into the USB port, and you are ready to display documents and images stored on your USB drive. Present a slideshow without having to connect to a PC.

Compatible with the following file formats: PDF, JPEG, BMP, GIF, PNG

Horizontal keystone slider

Epson's horizontal image correction means you can project a rectangular image from almost any angle. Just move the easy-slide control bar to make the necessary adjustments. Your projector can be off to the side and above or below the screen, while your presentation is front and center.

Without horizontal keystone   With horizontal keystone

Fast, easy setup and control

- USB Plug 'n Play — simply connect your PC to the projector and start presenting
- 1.6x optical zoom — offers great positioning flexibility to fit large or small rooms
- A/V Mute Slide — control your presentation; it's right at your fingertips
- Sleep Mode — set from 1 to 30 minutes to save energy when the A/V Mute Slide is closed or no signal is detected
- Direct Power On/Off — power the projector on and off with the flip of a wall switch
- Instant Off — no cool down time required, so it is ready to shut down when you are

The EPSON 1900 series multimedia projectors
Model Comparison

PowerLite 1940W
Widescreen resolution
4200 lumens[2]
WXGA Resolution 1280 x 800

PowerLite 1950
Brighter images
4500 lumens[2]
XGA Resolution 1024 x 768

PowerLite 1960
Step up to ultra-bright images
5000 lumens[2]
XGA Resolution 1024 x 768

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[4]
- Recyclable product[6]
- Epson America, Inc. is a SmartWay℠ Transport Partner[7]
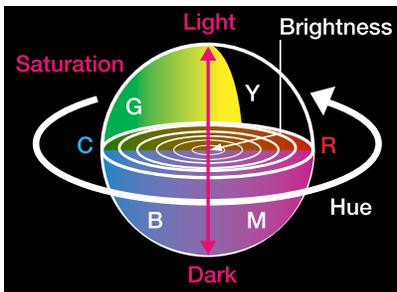
Full Featured Performance

Award-winning Faroudja DCDi Cinema for advanced video quality

Faroudja DCDi Cinema is a video enhancement technology, used primarily for film viewing, that produces exceptional image quality without introducing artifacts. Faroudja developed DCDi (Directional Correlational Deinterlacing) to reduce jagged images by using a unique algorithm. This algorithm, in combination with the technology's decoding, deinterlacing and enhancement features, won an Emmy Award from the National Academy of Television Arts and Sciences.
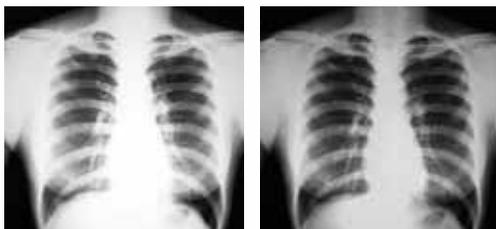
Advanced color adjustments

For special projection material such as high-quality photographs or artwork, users can adjust the hue, saturation and brightness for six colors, RGBCMY (Red, Green, Blue, Cyan, Magenta, Yellow).

DICOM Simulation Mode[3]

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 grayscale level that simulates DICOM Part 14. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.
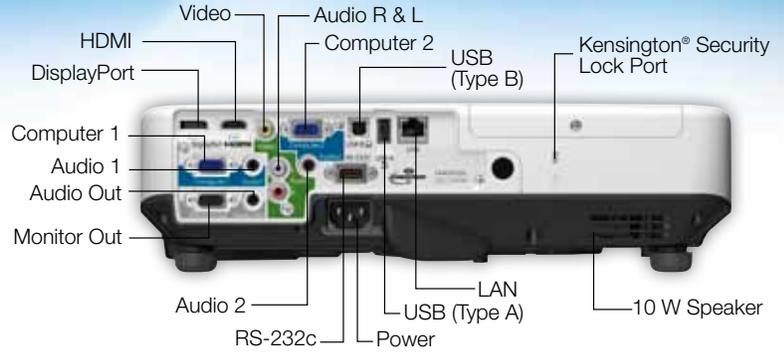
▲ Normal Mode   ▲ DICOM Simulation Mode

PowerLite 1940W, 1950 and 1960 Features

- **Bright, brilliant performance** — 4200 lumens color/white light output[2] (1940W), 4500 lumens color/white light output[2] (1950) and 5000 lumens color/white light output[2] (1960)

- **Remarkable detail** — XGA resolution (1950 and 1960); widescreen WXGA resolution (1940W); 3LCD, 3-chip technology; up to 3000:1 contrast ratio

- **Powerful video performance** — Faroudja DCDi Cinema, deinterlacing, noise reduction and sharpness enhancement for ultra-smooth video

- **Digital DisplayPort and HDMI connectivity** — easily transmit both audio and video

- **Split Screen[1] feature** — project two images (video or still) side-by-side from two different sources simultaneously

- **Multi-PC projection** — display up to four individual screens simultaneously over the network to a total of 32 users

- **PC-free slideshows** — display images from your USB hard drive (supports PDF, JPEG, BMP, GIF and PNG files)

- **Network monitor and control** — included EPSON monitor software allows for remote monitor and control of EPSON networked projectors; also compatible with Crestron® RoomView®

- **Message broadcasting[5]** — broadcasts customized images/alerts over the network for announcements or instructions

- **EPSON iProjection™** — share files and photos from mobile Apple® devices via your networked EPSON projector

- **Automatic image adjustments** — automatic vertical keystone correction for greater positioning flexibility

- **Horizontal keystone slider tool** — adjust the horizontal keystone with a single gesture; allows for greater positioning flexibility

- **DICOM Simulation Mode[3]** — ideal for viewing grayscale images, such as X-rays, for training and educational purposes

- **Precision color** — 6-axis color adjustment to control hue, saturation and brightness

- **Instant Off®** — no cool-down time required, so it's ready to shut down when you are

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PowerLite® 1940W, 1950, 1960
Multimedia Projectors

Video — Audio R & L
HDMI — Computer 2
DisplayPort — USB (Type B) — Kensington® Security Lock Port
Computer 1
Audio 1
Audio Out
Monitor Out
Audio 2 — LAN
USB (Type A) — 10 W Speaker
RS-232c — Power

Product Name	Product Code	UPC
PowerLite 1940W	V11H474020	0 10343 90072 1
PowerLite 1950	V11H491020	0 10343 90071 4
PowerLite 1960	V11H473020	0 10343 90073 8
Genuine EPSON Lamp	V13H010L75	0 10343 90015 8
Replacement Air Filter	V13H134A41	0 10343 90013 4

Specifications

Projection System
High-aperture EPSON 3LCD, 3-chip technology

Projection Method
Front/ceiling mount, table

LCD Driving Method
EPSON Poly-silicon TFT Active Matrix

Pixel Number
PowerLite 1940W: 1,024,000 x 3LCDs
PowerLite 1950: 786,432 x 3LCDs
PowerLite 1960: 786,432 x 3LCDs

Color Light Output[2]
PowerLite 1940W: 4200 lumens
PowerLite 1950: 4500 lumens
PowerLite 1960: 5000 lumens

White Light Output[2] (ISO 21118 standard)
PowerLite 1940W: 4200 lumens
PowerLite 1950: 4500 lumens
PowerLite 1960: 5000 lumens

Aspect Ratio
PowerLite 1940W: Native 16:10
PowerLite 1950: Native 4:3
PowerLite 1960: Native 4:3

Native Resolution
PowerLite 1940W: WXGA (1280 x 800)
PowerLite 1950: XGA (1024 x 768)
PowerLite 1960: XGA (1024 x 768)

Contrast Ratio (Normal, Dynamic Mode)
Up to 3000:1

Color Reproduction
16.77 million colors

Lamp Type
245 W UHE

Lamp Life[8]
Up to 4000 hours (ECO Mode)
Up to 2500 hours (Normal Mode)

Brightness Uniformity (typical)
89%

Pixel Arrangement
Cross stripe

Projection Lens

Screen Throw Ratio Range
1.38 – 2.24

Size (projected distance)
PowerLite 1940W: 29" – 280"
PowerLite 1950: 30" – 300"
PowerLite 1960: 30" – 300"

Type
Manual zoom/focus

F-number: 1.51 – 1.99

Focal Length
18.2 mm – 29.2 mm

Zoom Ratio
Optical zoom 1.0 – 1.6

Keystone Correction
Vertical: -30 degrees to +30 degrees
Horizontal: -30 degrees to +30 degrees

Video

Video Standards
Analog: NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM
HDMI: 480i/576i/480p/576p/720p/1080i/1080p

Video Processing
3D Y/C separation, 3D noise reduction, mosquito noise reduction
DCDi – Directional Correlational Deinterlacing
Motion-compensated Interlace-Progressive conversion (2:2, 3:2 film detection)
Closed captioning

Networking

Connectivity
Wired: Integrated 10/100 Mbps

Remote Control and Management
EasyMP Monitor
AMX Duet and Device Discovery
Crestron Integrated Partner and RoomView
PJLink

Interfaces

DisplayPort
HDMI
Computer: D-sub 15 pin x 2
Video: RCA
Wired Network: RJ-45
Serial: RS-232c
Monitor-Out: D-sub 15 pin
USB (Type A): For PC-free and document camera
USB (Type B): For computer

Other

Speaker: 10 W mono

Audio Output: 3.5mm Jack

Operating Temperature
41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz AC

Power Consumption
1940W – 311 W
1950 – 353 W
1960 – 353 W
3.8 W standby (Network on)
0.5 W standby (Network off)

Fan Noise
37 dB (Normal Mode)
29 dB (ECO Mode)

Security
Kensington – style lock provision, anchor (metal) bar for security lock or cable

Dimensions (W x D x H)

Excluding feet
14.8" x 10.7" x 3.6" (377 x 271 x 93 mm)

Weight
8.5 lb (3.9 kg)

Remote Control

Features
Color mode, brightness, contrast, tint, color saturation, sharpness, input signal, sync, source search, Split Screen[1]

Operating Angle
Front: Upper/lower 0 to +16 degrees
Left/Right: N/A
Rear: N/A

Operating Distance
39" – 138"

Support

The EPSON Connection℠
Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com

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

What's in the Box

A PowerLite projector, power cable, computer cable, projector remote control, batteries, user manual CD, Quick Setup Sheet, PrivateLine support card, password protection sticker, monitor and control CD

Optional Accessories

Geniune EPSON lamp	V13H010L75
Replacement air filter	V13H134A41
Replacement remote control	1566064
Universal projector ceiling mount	ELPMBPJF
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Kensington security lock	ELPSL01
Carrying case	V12H001K65

Packaging Specifications

PowerLite 1940W, 1950, 1960
Dimensions: 20.35" x 13.46" x 7.7" (W x D x H)
Weight: 12.3 lbs (5.5kg)

Genuine EPSON Lamp
Dimensions: 6.1" x 5.4" x 5.5" (W x D x H)
Weight: 0.9 lbs (0.42kg)
Master Carton
Dimensions: 28.1" x 12.9" x 6.4" (W x D x H)
Weight: 11.4 lbs (5.17kg)
Quantity: 10

Replacement Air Filter
Dimensions: 7.9" x 3.1" x 1.0" (W x D x H)
Weight: 0.1 lbs (46g)
Master Carton
Dimensions: 11.1" x 8.1" x 3.3" (W x D x H)
Weight: 1.4 lbs (0.64kg)
Quantity: 10

1   Consult your user manual for input combinations.
2   Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
3   This projector does not meet the DICOM standard Part 14 and should not be used as a medical diagnostic device.
4   Data source: ProjectorCentral.com Jan. 2012. Average of 1122 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels. Energy effciency was measured as wattage per lumen. It was measured for both 3LCD and 1-chip projectors in each of five brightness segments. 3LCD projectors averaged less required electricity per lumen in each of the five segments.
5   Works only with EPSON projectors that support presentation over the network capability.
6   See our website for convenient and reasonable recycling options at www.epson.com/recycle
7   SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
8   Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.