

# Epson PowerLite® 7900p

## Made to shine in any setting, and manage from anywhere on the network.

A mighty performer that's easy to manage—that's what Epson has delivered in the Epson PowerLite 7900p. This high-performance projector has the power to shine bright in any situation. And, it offers easy remote maintenance and control, so it's ideal for universities and large business centers.

With 4000 ANSI lumens and convenient network monitoring and control, the PowerLite 7900p provides remarkable power and performance. XGA resolution, a 700:1 contrast ratio, and Epson LCDs work with its incredible brightness to ensure superior image quality, while EasyManagement™ technology facilitates easy remote operation.

For added installation flexibility, this whisper-quiet (36db/33db) projector includes five computer/video connections, plus three lens options. Its expansive feature set also includes +/- 40° advanced keystone correction, and password-protected security features.

Perfect for large classrooms or conference rooms, the PowerLite 7900p offers the perfect combination of power and versatility. IS personnel will appreciate its remote management and maintenance features, while presenters will enjoy its incredible quality and performance.

Now, your customers can shine bright in virtually any setting, and enjoy easy operation from anywhere on the network—all with the Epson PowerLite 7900p.



**Ultra bright 4000 ANSI lumens, weighs only 12.3 lb**

- Remarkable brightness that's ideal for large classrooms or conference rooms

**Convenient networking capability with EasyManagement technology**

- Built-in remote access—turn the projector on and off remotely
- Centralized monitoring, maintenance and control over the LAN
- Provides real-time information (source status, power status, and more), via:
  - EMP Monitor software utility (included)
  - Web browser—no special software required!
  - SNMP (Simple Network Management Protocol)
  - E-mail notification, via SMTP, to notify users of issues related to the temperature, fan, and lamp
- Enables secure access via password-protection features
- Works with the projector's built-in Ethernet connection

**Superior detail and razor-sharp contrast**

- Three Epson LCDs for accurate colors, and rich color saturation evenly distributed across the screen
- XGA (1024 x 768) resolution for sharp, vivid detail
- 700:1 contrast ratio for outstanding image detail

**Easy installation, setup and operation**

- Image correction tools for flexible setup and installation
  - 40° vertical keystone correction
  - QuickCorner™ for stabilizing images projected on a corner
  - WallShot™ for easy screen/image alignment
- 1.35x zoom with optional lenses for positioning flexibility
- Preview function with seven convenient SnapWindows™
- Monitor out capability for simultaneous viewing on a monitor
- Easy-to-use control panel
  - Manage the setup and installation process, zoom lens, picture-in-picture capability, focus controls, and more
  - Operate multiple projectors simultaneously
- Brightness control function accommodates various lighting conditions and room sizes, and can extend the lamp life for more cost-effective operation (3000 hours in Low Brightness mode, 2000 hours in High Brightness mode)
- Five inputs including D-Sub15, BNC, DVI, S-Video, and Video
- Search function automatically recognizes and displays connected inputs, and switches instantly between them
- RGB auto detect
- Direct Power On turns on the projector with one system switch
- Whisper-quiet operation (36db/33db) ensures the presentation is the center of attention (silent when in AV Mute mode)
- Password-protected security features, plus operation lock, prevents unauthorized setting manipulation

**Outstanding Epson service and support (free for the duration of the two-year warranty)**

- 90-day lamp warranty for added dependability
- Epson Road Service program provides a replacement projector, typically within 24 hours
- Epson PrivateLine™ dedicated toll-free support line available from 6 a.m. to 6 p.m. PST Monday - Friday (Calls are answered live, typically in about a minute.)
- International warranty in over 45 countries

**Q: Where does the Epson PowerLite 7900p fit into the Epson lineup, and what model does it replace?**

A: This 4000-ANSI-lumen projector replaces the Epson PowerLite 7800p, which delivered 3500 ANSI lumens. Due to its incredible brightness, the PowerLite 7900p can be used in rooms ranging from small classrooms to large auditoriums. Its high brightness, along with its low weight, and multiple lens selections, positions it as a standout projector compared to competitive products currently on the market. In addition, this model can be used for either desktop or installed applications.

**Q: Are there any differences between the Epson PowerLite 7900p and the PowerLite 7800p?**

A: In addition to its increase in lumens (500 more than the PowerLite 7800p), the Epson PowerLite 7900p also offers some new features. These include added security features such as the logo protection and timer functions. It also includes a quick cool-down time (only 20 seconds, as opposed to the PowerLite 7800p's 40-second cool-down period). Finally, the PowerLite 7900p offers an auto detection feature to identify RGB/YCbCr.

**Q: What additional improvements does the Epson PowerLite 7900p offer over the PowerLite 7800p?**

A: The Epson PowerLite 7900p was built on the same platform as the PowerLite 7800p. Therefore, its appearance, dimensions, accessories, and connectivity are the same. However, there are operational improvements including greater brightness through MLA technology, RS-232 operation with control capabilities, and reduced fan noise when the 'network on' mode is enabled through the projector menu.

**Q: What additional security features does this model offer?**

A: Epson has added a control panel lock-out function to prevent unauthorized usage. This function affects all buttons, except the power button. In addition, this model makes it possible for users to program the number of hours the projector can be used before being prompted for a password. This function is ideal for rental programs as well as asset control. Finally, the customizable logo feature is now password-protected. By the owner adding their logo and verbiage such as "Property of ...", it's much more apparent when a projector is being used outside of its intended location.

**Q: Which networking features are included on the Epson PowerLite 7900p?**

A: Just like the Epson PowerLite 7800p, the PowerLite 7900p has Epson EasyManagement technology. And, it comes with an RJ-45 LAN connection port for remote monitoring and control from anywhere on the network. SNMP and SMTP functionality are also available with this projector for e-mail alerts and full management capabilities.

**Q: Which lenses are available for the Epson PowerLite 7900p?**

A: The lenses used on the Epson PowerLite 7800p are also available for the PowerLite 7900p. They are the wide (V12H004W03), standard (middle - V12H004M03), and long-throw (V12H004L05) lenses.

**Q: Which type of mount does the Epson PowerLite 7900p utilize?**

A: The Epson PowerLite 7900p uses the same mount as the PowerLite 7800p—the ELPMB40. Epson has also added a new universal mount (ELPMBUNI), which this model supports. The ELPMBUNI is a gyro lock system that can be used to minimize ceiling mount inventory, as it is compatible with multiple Epson projectors. A benefit to using our universal mount design, compared to that of other manufacturers, is its low number of parts, installation flexibility and overall quality.

**Q: How does the video performance of the Epson PowerLite 7900p compare to that of the PowerLite 830p and 835p?**

A: The video quality of the Epson PowerLite 7900p is superior to that of the PowerLite 830p and 835p because it utilizes a higher-end Pixelworks video chip. This is a key selling point for customers trying to decide between the PowerLite 830p/835p and the PowerLite 7900p.

**Q: How does this projector's video performance compare to that of the Epson PowerLite 7800p?**

A: The Epson PowerLite 7900p offers the same video quality as that of the PowerLite 7800p. Like the PowerLite 7800p, it utilizes a Pixelworks chip for high-end image quality. It also uses an IP converter chip for progressive signals, and a digital comb filter for the reduction of artifacts.

## Screen Width Ratios

Screen Size inches	Wide (30 - 300 inch)			Tele (30 - 300 inch)			Angle to Screen Center	
	meters	inches	feet	meters	inches	feet	wide	tele
30	0.77	30	2.5	1.07	42	3.5	17.46	12.37
40	1.05	41	3.5	1.44	57	4.7	17.02	12.15
60	1.61	63	5.3	2.19	86	7.2	16.60	12.08
80	2.16	85	7.1	2.93	115	9.6	16.40	12.04
100	2.72	107	8.9	3.68	145	12.1	16.28	11.94
200	5.50	216	18.0	7.40	291	24.3	16.13	11.90
300	8.27	326	27.1	11.13	438	36.5	16.03	11.86

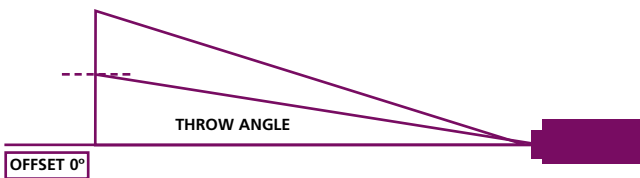
## Installation Geometry

### Lens offset dimensions

- A. Center of lens to base of projector is 2.75"
- B. Center of lens to center of projector is 3.3"

### Throw angles

- A. Tele: 11.86 degrees to 12.37 degrees
- B. Wide: 16.03 degrees to 17.46 degrees



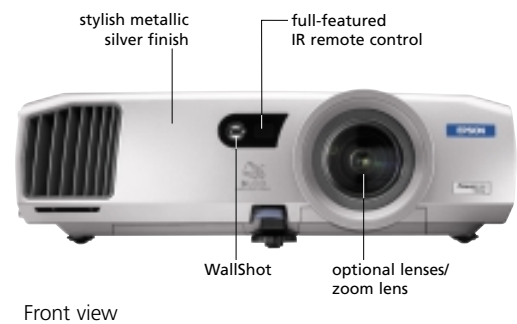
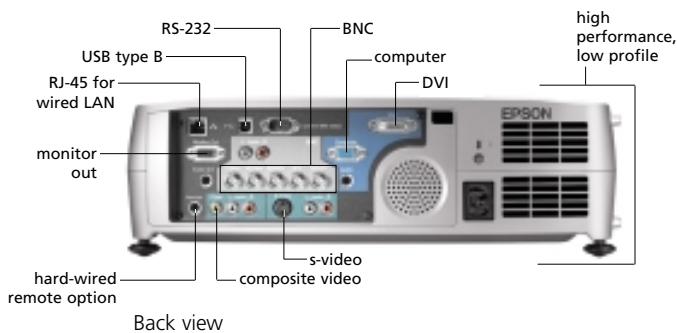
Top view with control panel



Remote control

### Image and screensize calculations

- A. To find the projection distance when you know the screen's diagonal dimension:
  - Wide (inches) =  $\frac{((\text{Diagonal Screen Size [inches]} - 2.13)/36) \times 100}{2.54}$
  - Tele (inches) =  $\frac{((\text{Diagonal Screen Size [inches]} - 1.29)/26.84) \times 100}{2.54}$
- B. To find how large a screen's diagonal dimension will be when you know the projection distance:
  - Wide (inches) =  $\frac{(\text{Projection Distance [inches]} \times 2.54)}{100} + 2.13$
  - Tele (inches) =  $\frac{(\text{Projection Distance [inches]} \times 2.54)}{100} + 1.29$



## Ordering Information

Description	Product Code	UPC Code
Epson PowerLite 7900p projector	V11H170920	0-10343-85246-4

## Optional Accessories

Description	Product Code	UPC Code
Replacement lamp	V13H010L22	0-10343-84600-5
Air filter set	V13H134A01	0-10343-84641-8
Standard lens	V12H004M03	0-10343-84646-3
Wide throw zoom lens	V12H004W03	0-10343-85160-3
Long throw zoom lens	V12H004L05	0-10343-84645-6
Remote control cable set	V12H005C28	0-10343-84591-6
Digital video cable DVI to DVI, 3m	ELPKC20	0-10343-83338-8
Digital video cable DVI to DFP, 3m	ELPKC21	0-10343-83339-5
S-video cable	ELPSV01	0-10343-84557-2
Component video cable	ELPKC19	0-10343-83419-4
Ceiling mount	ELPMB40	0-10343-84782-8
Suspension adapter	ELPMBAPL	0-10343-84059-1
False ceiling plate	ELPMBFCP	0-10343-84058-4
Security bracket/cabling for gyro lock mounts	ELPMBSEC	0-10343-85025-5
Adjustable ceiling channel	ELPMBACC	0-10343-85026-2
Distribution amplifier	ELPDA01	0-10343-83801-7
Mac adapter set	ELPAP01	0-10343-83497-2
ATA shipping case	ELPKS46	0-10343-84780-4
ATA molded hardshell case	ELPKS48	0-10343-84781-1
50" portable screen	ELPSC06	0-10343-82060-9
60" portable pop-up screen	ELPSC07	0-10343-83498-9
80" portable pop-up screen	ELPSC08	0-10343-83499-6
83.6" hanging pull-down screen	ELPSC09	0-10343-85185-6
Kensington® security lock	ELPSL01	0-10343-83420-0
High-Resolution Document Imager (ELPDC05)	V12H162020	0-10343-85062-0
High-Resolution Document Camera (ELPDC04)	V12H064020	0-10343-84062-1



### Epson PowerLite® 7900p

- 4000 ANSI Lumens
- XGA Resolution
- 12.3 lb

### Packaging Specifications

#### Projector

Dimensions (L x W x H)

17.2" x 23.2" x 10.7"

Weight

18.3 lb

#### Replacement lamp

##### Single unit

Dimensions (L x W x H)

5.43" x 6.14" x 5.47"

Weight

0.82 lb

##### Master carton

Dimensions (L x W x H)

12.9" x 28.23" x 6.38"

Weight

10 lb

Units per master carton

10

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**EPSON®**

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