



# EPSON PowerLite® TW100

## Silver screen pizzazz meets leading-edge performance

Transform any living room into a movie theater, sports bar, or video arcade with the EPSON PowerLite TW100, designed by the world leader in high-performance projectors. Movies will take on authentic theater dimensions with a wide-format 16:9 aspect ratio. You'll get rich detail due to a 600:1 contrast ratio, and bold images with 700 lumens of brightness. For larger-than-life sporting events, wow your friends with big screen action play by play! When it's time to take on the challenge of the latest video game, you'll be amazed at the vivid colors and graphics.

An exceptionally quiet unit, the PowerLite TW100 also blends attractively into any game room or entertainment center. It's compatible with both analog and digital systems and offers flexible placement options for rooms of any size.

A state-of-the-art Faroudja DCD™ Advanced Image Processor gives you top of the line video quality, so movies and sports are always distortion-free. This projector brings the remarkable image quality of Epson 0.9" LCD technology to the world of home entertainment. And, Epson offers reliability you can count on. In fact, experienced professionals who service and sell multimedia projectors choose Epson 5:1 as the most reliable.

### Advanced Video Quality

- 16:9 wide-format LCD for true theater dimensions
- 600:1 contrast ratio for sharp, clear images
- Faroudja's DCDi Advanced Image Processor for distortion-free images
- 700 ANSI lumens for brilliant large screen entertainment

### Rich Feature Set

- Quiet operation for uninterrupted viewing
- Extra long life bulb
- Full 720p HDTV resolution
- Multi-source compatibility including PCs, gaming devices and component video

### Reliable and Easy to Use

- Installation flexibility for a variety of room installations
- Multi-signal compatibility including HDTV and progressive scan DVDs
- Start Here Kit gets first time users projecting in just minutes
- EPSON PrivateLine™ toll-free person to person technical support, available from 6 a.m. to 6 p.m. PST Monday through Friday. Most calls are answered within 45 seconds



# EPSON PowerLite TW100 Specifications

<b>Projection System</b>	EPSON original LCD prism technology	
<b>Projection Method</b>	Front/rear/ceiling mount	
<b>LCD</b>		
Size	0.9"	
Driving method	EPSON Poly-Silicon TFT Active Matrix	
Pixel number	921,600 dots x3 (1280 x 720) LCDs	
Native resolution	W-XGA	
Aspect ratio	16:9 (supports 4:3, 5:4)	
Pixel arrangement	Stripe	
<b>Projection Lens</b>		
Type	Manual: zoom/focus	
F-number	1.74 to 2.06	
f-number	28.3 – 37.98mm	
Zoom ratio	1:1.35	
<b>Lamp</b>		
Type	150W UHE	
Life (typical)	3000H	
<b>Screen Width Ratio</b> (distance/width)	1.54 to 2.1:1	
<b>Screen Size</b> (projected distance)	30" to 300" (Wide 0.91m to Tele 13.01m), 60"/1.87m, 90"/2.83m	
<b>Keystone Correction</b>	+/- 15°	
<b>Brightness</b> (typical)	700 ANSI lumens	
<b>Contrast Ratio</b>	600:1	
<b>Brightness Uniformity</b> (typical)	80%	
<b>Color Reproduction</b>	24 bit; 16.7ml	
<b>Operating Temperature</b>	41°F to 95°F (5°C to 35°C)	
<b>Power Supply Voltage</b>	100-120V, 200-240V +/-10%, 50/60Hz AC	
<b>Power Consumption</b>	240W / 6.7W at sleep mode	
<b>Dimensions</b> (includes lens and feet)	10.9"D x 13.75"W x 4.5"H	
<b>Dimensions</b> (excludes lens and feet)	10.8"D x 13.71"W x 4.1"H	
<b>Weight</b>	9.3 lbs/4.2kg	
<b>Fan Noise</b>	30db	
<b>Effective Scanning Frequency Range</b>		
	Analog	Digital
Pixel clock	14MHz - 160MHz	21MHz - 153MHz
Horizontal	15KHz - 92KHz	24KHz - 91KHz
Vertical	50Hz - 85Hz	56Hz - 85Hz
<b>Remote Control</b>		
Features	Keystone, black level, white level, source selection, power, volume, presets	
Operating angle	Right/Left +/- 20°, Upper/Lower +/- 15°	
Operating distance	30ft (10m)	
<b>RGB</b>		
	Analog RGB I/O	Digital RGB Input
Display performance		
Resize	1280 x 1024	1280 x 1024
	1024 x 768	1024 x 768
	800 x 600	800 x 600
	640 x 480	640 x 480
Input terminal		
Video	Mini D-sub 15pin	DVI Type I
	DVI Type I	

<b>Video I/O For Composite/S Input</b>	
Display performance	NTSC: 550 lines, PAL: 550 lines (Depend on observation of the multi burst pattern)
Input signal	NTSC, NTSC4.43, PAL/M-PAL, N-PAL, PAL60, SECAM; HDTV: 480i, 480p, 720p, 1080i
Input terminal	
Video	Composite Video: RCA x 1 S-video: Mini DIN

<b>Video I/O For Component Input</b>	
Display performance	525i: 540 lines, (I-P conversion, depend on observation of the multi burst pattern) HDTV: 700 lines
Input signal	HDTV: 480i, 480p, 720p, 1080i
Input terminal	
Video	Mini D-sub 15pin; RCA x 3

<b>Control I/O</b>	
Serial I/O	Mini D-sub 9 pin x 1 (I/O terminal) RS-232C (I/O signal)
Output terminal	Trigger out: mini jack x1
IR receiver	Front and Rear
<b>Security</b>	
	Kensington®-style lock provision

**Warranty**  
Standard two year limited warranty, 2-year international warranty, 90-day lamp warranty, EPSON Road Service Program and EPSON PrivateLine dedicated toll-free support (U.S. and Canada only)

**Supplied Accessories**  
Power cable, remote control, 2 AA batteries, Start Here Kit

<b>Product/Accessory Part Numbers</b>	
EPSON PowerLite TW100 Projector	V11H053020
Replacement lamp	V13H010L17
Soft shoulder bag	ELPKS13
ATA shipping case	ELPKS41
ATA molded hardshell case	ELPKS40
Samsonite wheeled soft case	ELPKS35
Component video cable	ELPKC19
Ceiling mount	ELPMB36
Suspension adapter	ELPMBAPL
False ceiling plate	ELPMBFCP
Distribution amplifier	ELPDA01
Portable pop-up screen 60"	ELPSC07
Portable pop-up screen 80"	ELPSC08
Kensington security lock	ELPSL01

**Support-The Epson Connection<sup>SM</sup>**  
Pre-Sales Support U.S. and Canada 800-463-7766  
Automated Technical Support 800-922-8911  
Internet Web Site [www.epson.com](http://www.epson.com)

**Presenters ONLINE<sup>SM</sup>** [presentersonline.com](http://presentersonline.com)



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