

Specifications for Epson EB-1945W



MODEL NUMBER	EB-1945W
Projection Technology	RGB liquid crystal shutter projection system (3LCD)
Specifications of Main Parts	
LCD:	
Size	0.59" with MLA
Native Resolution	WXGA
Projection Lens:	
Type	Optical zoom (Manual) / Focus (Manual)
F-Number	1.51 - 1.99
Focal Length	18.2mm - 29.2mm
Zoom Ratio	1 - 1.6
Throw Ratio	1.38 - 2.24 (Wide - Tele)
Lamp:	
Type	245W UHE
Life (Normal/Eco)	2,500 hours / 4,000 hours *Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
Screen Size (Projected Distance)	
Zoom: Wide	29" - 280" [0.84m - 8.4m]

Zoom: Tele	29" - 280" [1.36m -13.9m]
Standard size	60" screen 1.79m - 2.92m
Brightness	
White Light Output (Normal/Eco)	4,200lm / 2,910lm
Colour Light Output	4,200lm
	*Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.
Contrast Ratio	3000:1
Internal Speaker (s)	
Sound Output	Monaural: 10W x 1
Keystone Correction	
Vertical / Horizontal	± 30° / ± 30° (Zoom: Tele) (Button Typer)
Auto Keystone Correction	Yes
Connectivity	
Analog Input	
D-Sub 15 pin	2 (Blue)
Component	D-sub 15pin (Blue molding) x 2 (in common with Analog RGB connector)
Composite	RCA (Yellow) x 1
Digital Input	
HDMI	1
Display Port	Yes
Output Terminal	
D-Sub 15 pin	1 (Black)
Audio Input	
Stereo Mini Jack	2
Audio Output	
Stereo Mini Jack	1
Others	
USB Type A	2 (for USB memory / ELPDC06 Document Camera)
USB Type B	1 (USB Display)
Control I/O	

RS-232C	D-sub 9pin x 1
Network	
Wired Lan	RJ45 x 1 (10/100Mbps)
Wireless	Optional (ELPAP07)
Wireless Specifications	
Supported Speed For Each Mode	IEEE 802.11b: 11 Mbps* IEEE 802.11g: 54 Mbps* IEEE 802.11n: 130 Mbps* * Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.
Wireless LAN Security	
Open	WPA/WPA2-PSK, WPA/WPA2-EAP
Supported EAP Type	PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP
Operating Temperature	5°C - 35°C < 41°F - 95°F> (20% - 80% humidity, unfrozen)
Operating Altitude	0m - 2,286m <0ft - 7,500ft> (over 1,500m / 4,921ft: with High altitude mode)
Direct Power On / Off	Yes
Start-Up Period	8 seconds, Warm-up period: 30 seconds
Cool Down Period	Instant off or 0 second
Air Filter	
Type	High Efficiency Filter
Maintenance Cycle	5,000H
Power Supply Voltage	100 - 240 V AC +/- 10%, 50/60 Hz
Power Consumption (220 - 240V)	
Lamp On (Normal / Eco)	337W / 250W
Standby (Network On / Off)	3.8W / 0.44W
Dimension Excluding Feet (D X W X H)	271mm x 377mm x 93mm
Weight	Approx. 8.6lbs / 3.9kg
Fan Noise (Normal / Eco)	37dB / 29dB

Back of the Projector



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