

PRODUCT DIMENSIONS AND SPECIFICATIONS

SPECIFICATIONS	EB-Z8000WU	EB-Z8050W
Projection system (3LCD)	0.94-inch wide inorganic panel with MLA (x3) TFT	0.95-inch wide inorganic panel with MLA (x3) TFT
Native resolution	WUXGA (1920 x 1200) / Native Aspect Ratio 16:10	WXGA (1280 x 800) / Native Aspect Ratio 16:10
Resolution supported	Analog Signal: VGA ~ WUXGA Digital video standard: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p	Analog Signal: VGA ~ WXGA Digital video standard: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p
Frequency (analog)	Horizontal: 15 kHz to 80 kHz Vertical: 50 Hz to 85 Hz	Horizontal: 15 kHz to 80 kHz Vertical: 50 Hz to 85 Hz
White Light Output (brightness)**	6000 lm / 4800 lm (Normal / Eco)	7000 lm / 5600 lm (Normal / Eco)
Colour Light Output	6000 lm / 4800 lm (Normal / Eco)	7000 lm / 5600 lm (Normal / Eco)
PROJECTION LENS	6 optional lenses (See specifications page 5)	
LAMP		
Type	330 W UHE x 2	
Life	3500 hours / 2500 hours (Eco / Normal brightness mode)	
IMAGE		
Colour Reproduction	Full-Colour (16.77 million colours)	
Picture Quality improvements	Digital Cinema Colour (DCL) with Epson Cinema Filter, 3D Y/C separation, Noise Reduction Motion compensated Interface-Progressive conversion (2-2,3-2 film detection)	
Fan noise	32 dB / 38 dB (Eco / Normal)	
Contrast ratio**	5000:1 (auto iris on)	
Keystone correction	With Standard Lens Vertical: -30 degrees to +30 degrees (Zoom: Tele) Horizontal: -20 degrees to +20 degrees (Zoom: Tele)	
INPUT		
Computer	1 x D-sub 15-pin (RGB), 1 x 5-BNC, 1 x DVI- D	
Video	1 x D-sub 15-pin (component), 1 x RCA, 1 x S-Video, 1 x 1-BNC	
Digital	1 x HDMI, 1 x DVI-D	
Control	1 x RS-232C	
USB Display	EB-Z8050W only: 1 x USB type B	
Network	1 x RJ45 (LAN)	
OUTPUT	Computer: 1 x D-sub 15-pin	
NETWORK		
Network Monitoring functions	Projector control and projector management via network (wireless or wired LAN) : - Monitor Power status, Lamp status, Lamp hours, Temperature level, Error information, IP address - Control Epson projectors (Power On/Off, Change input sources), E-mail notification, Timer function Other features: SNMP, Web control, P-J-Link, Projector Control	
Epson Network Software	EMP Monitor (for Windows) Epson Projector Control Software (for Windows, Web download only)	
DIRECT POWER ON/OFF	Yes	
SECURITY	Security Cable Hole, Kensington lock	
OTHER FUNCTIONS	Quick Corner, Source Search, Auto Detection of RGB/Component, Multi Screen colour adjustment function, Projector ID, Operation Panel Protected Function, Lens Remote Control Protected Function, Remote Control Type, Password Protected Function (Security Function), High Altitude Mode, Aspect, Progressive, Saving an User's logo, Remote Control, Tilt Angle, Foot Adjuster, OSD Language, User Button, Pointer, User's Logo, Shutter, Freeze, E-Zoom, Help, Test Pattern, Network Firmware download, Auto lamp timer reset (Lamp with fuse), Serial number display (OSD Monitor, VP21)	
POWER REQUIREMENTS		
Power supply wattage	100 - 240 V AC ±10%, 50/60 Hz	
Power consumption lamp on	877 W / 734 W (Normal / Eco mode)	
Power consumption stand-by	13.1 W (network On) / 0.5 W (network Off)	
OPERATING TEMPERATURE / ALTITUDE	0°C to 45°C / 0m to 3,048m (High Altitude Mode over 1500 m)	
WEIGHT AND DIMENSION		
Weight	Approx. 46.2 bs. / 22 kg (Including lens)	
Dimension (D x W x H)	Excluding Feet: 734 x 534 x 167 mm (not including foot, projection lens and handle) Maximum Dimension: 734 x 534 x 225 mm	
ON-SCREEN MENU	27 languages : Japanese / English / French / Germany / Italian / Spanish / Portuguese / Korean / Chinese / Russian / Dutch / Danish / Hungarian / Czech / Polish / Norwegian / Finnish / Swedish / Greek / Turkish / Arabic / Traditional Chinese / Romanian / Slovenian / Ukrainian / Catalan / Thai	

** ISO 21118 based measurement

ADVANCED FUNCTIONS	EPSON EB-Z8000UW / EPSON EB-Z8050W
Certified for Windows Vista™ Network projector function	Wired or wireless connection between projector and computer with Windows Vista™ operating system (excluding Home Basic edition)
EASY MP FUNCTIONS	
WIRED/WIRELESS CONNECTION	
Wireless connection	Wireless LAN (802.11a/b/g)
Security (Wireless LAN)	WEP, WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES), EAP-TLS, PEAP/MS-CHAPv2, EAP-TTLS/MD5, EAP-TTLS/MS-CHAPv2, PEAP/MS-CHAPv2, PEAP/GTC, LEAP, EAP-Fast/MS-CHAPv2, EAP-Fast/GTC
Advanced Functions	Multi-screen display (up to four projectors) with Windows 2000 and XP, Movie sending (MPEG2, WMV), MAC OS 10.3 and 10.4 compatible, WPS
USB Display	1 x USB type B for computer input
EASYMP™ SOFTWARE	EMP NS Connection (for Windows and Mac) - EMP Slide Maker2 (for Windows)

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Accessories

Power cable	3 m, 3 Wire (White) (included)
Computer cable	1.8 m D-sub 15pin (Male) D-sub 15pin (Male) (included)
Remote control 2 x AA type batteries	Included
User Manual	Included (in 25 languages)
Password protect sticker	Included
Cable cover	Included
Lens release button lock screw	Included with lens
Lens cover	Included
Battery	Alkaline AA x 2
Wireless LAN adapter (ELPAP03)	Included with EB-Z8050W
Air filter (ELPAF23)	Optional
Ceiling mount low (ELPMB25)	Optional
Ceiling mount high (ELPMB26)	Optional

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THE NEW EPSON EB-Z8000 SERIES

Looking for brilliant performance, innovative features and high-end technology? The Epson EB-Z8000 series gives you all that and more.

Introducing the first-ever 3LCD WUXGA projector

Epson brings you the world's first dual lamp WUXGA EB-Z8000WU and the new WXGA EB-Z8050W. Both versatile models feature innovative new lamp and 3LCD technology for any large venue or event.

Bringing together solid state 3LCD and optical technology

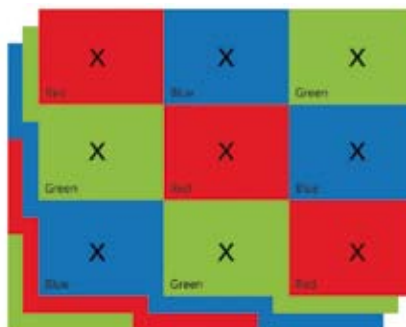
Epson brings 20 years of technology know-how to a unique range of high brightness Projectors. All 3LCD projectors use a 3-chip, solid-state optical engine to deliver incredibly bright, true-to-life colour, creating an astonishing level of realism with every viewing. The three colour images are combined using a prism to form a full-colour image consisting of millions of colours. They put the full power of the 6000 lumens dual lamp system into pure 3LCD colour. So your viewers can enjoy the optimum colour light output, a key indicator of picture quality and projector performance.

Colour Light Output, the new metric for projector brightness.

Epson provides Colour Light Output specification data. Colour Light Output measures a projector's ability to deliver colour. Colour Light Output provides users with a simple, accurate and easy to understand way to evaluate projector colour performance.



Brightness (or White Light Output) measures the total amount of white light projected in lumens on a nine point grid.



Colour Light Output uses 3 sets of a nine point grid to measure the primary colours – red, green and blue



Source Futuresource Consulting Ltd.

3LCD technology provides superb image quality with smooth and natural colour reproduction.



PURE PICTURE QUALITY

The EB-Z8000 series provides picture quality you can rely on in any large venue for business, administration and higher education.

Enjoy outstanding image quality on cinema-size screens

Choose between the 1900 x 1200 pixel EB-Z8000WU or 1280 x 800 EB-Z8050W. Both models feature Epson's most advanced C²Fine (Crystal Clear Fine) 3LCD inorganic panels with an inorganic alignment layer and vertically aligned liquid crystal. C²Fine technology offers smooth and uniform images with perfect contrast for high image quality.

Go for superb digital cinema colour

When combined with EPSON Cinema Filter technology, the EB-Z8000 series best in-class colour space even covers the DCI colour standard used in Digital Cinema, enabling the accurate and faithful reproduction of content in the colours film producers originally intended.

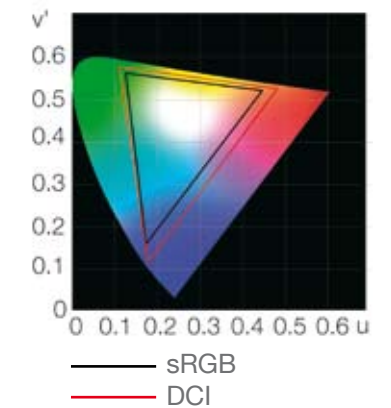
You'll see the difference right away, even in broad daylight

While Epson's innovative optical technology delivers exceptional picture quality, the projector's Auto Iris brings out every shade of contrast. In addition to which, the Light Output of up to 7000 lumens and 5,000:1 contrast ratio give a great greyscale for small print and figures as well as shadows and light.

That's what makes EB-Z8000 Series so versatile, and gives it the edge for use with digital content from spreadsheets and business applications to CAD graphics, flash animations, HDTV, HD video and multi-screen presentations. Indoors or out.



DCI colour space



EPSON EB-Z8000WU



EPSON EB-Z8050W

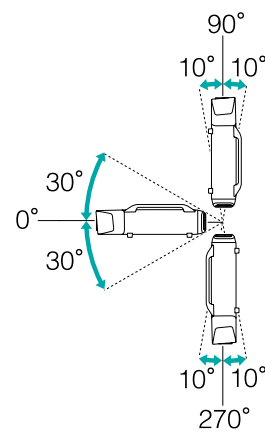


INSTALLATION MADE EASY

The EB-Z8000 series is readily adaptable for ceiling-mounted or desktop installation in large venues from the corporate boardroom to business conference centres, university lecture halls, special events and exhibitions.

Ideal for ceiling mounted installation

The innovative carrying bars are purpose-made for ease of installation and locking into place when ceiling mounted. The centred lens facilitates symmetrical positioning, and a wide choice of options for rear projection, wide-, middle- or long-throw projection enable full screen projection at any range.



More flexible features

For special events or other applications, the projectors can be rotated vertically through 90° to project on floors or ceilings from almost any height without tilting or distorting the image.

The Epson EB-Z8000 Series can also be installed to project images upward or downward.

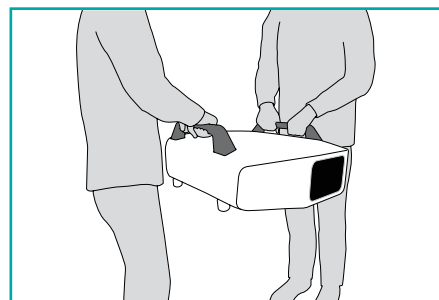


At your control

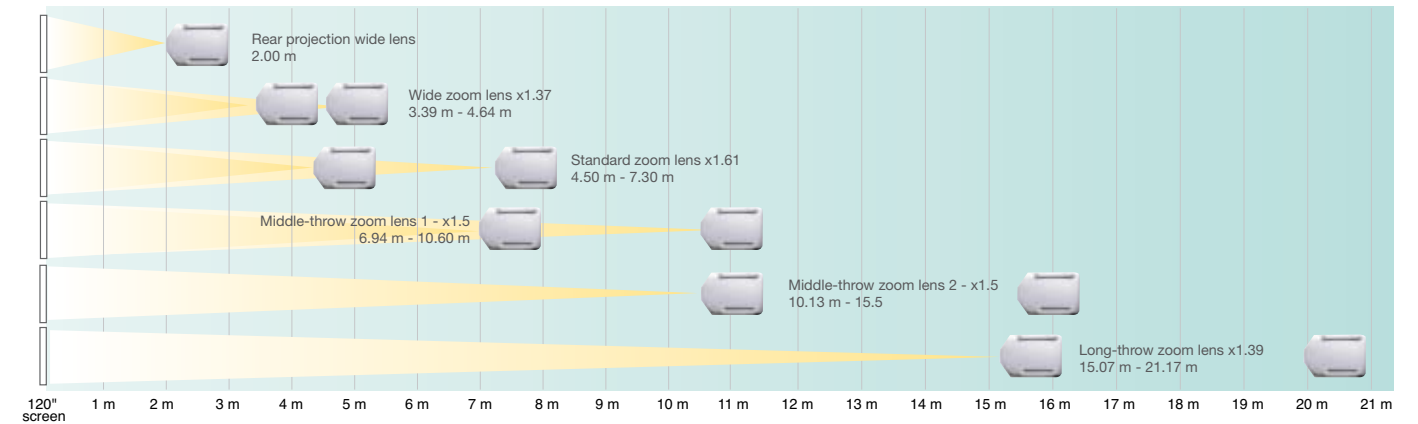
Every decision from opening the shutter to adjusting the focus, shifting the lens or zooming in to make details up to six times larger is in your hands. And so is the solution, with one touch of the remote control. If your installation is already set up exactly the way you want, you can prevent unauthorized or accidental changes by locking the setting.

Secure and safe

Having twin carrying bars on the top-face makes EB-Z8000 series projectors easier to handle, safer to carry and quicker to install.



EPSON EB-Z8000 series lens coverage at 120" on 16:10 screen

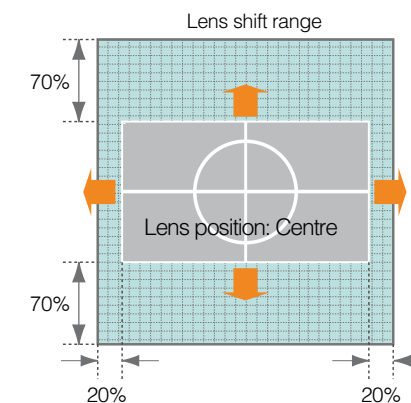


A wide choice of lenses

Lens type		Rear Projection Wide Lens	Wide Zoom Lens	Standard Zoom Lens	Middle Throw Zoom Lens1	Middle Throw Zoom Lens2	Long Throw Zoom Lens
Reference		ELPLR04	ELPLW04	ELPLS04	ELPLM06	ELPLM07	ELPLL07
Option lens							
Focus/Zoom type		Powered: Focus only	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus
Zoom ratio		-	1 - 1.37	1 - 1.61	1 - 1.5	1 - 1.5	1 - 1.39
Throw ratio*	16:10 & 16:9 aspect ratios	0.76	1.29 - 1.77	1.71 - 2.78	2.64 - 4.03	3.85 - 5.88	5.76 - 8.09
	4:3 aspect ratio	0.91	1.55 - 2.12	2.05 - 3.33	3.17 - 4.84	4.63 - 7.05	6.91 - 9.71
F Number		1.85	1.8 - 2.26	1.65 - 2.51	1.81 - 2.4	1.81 - 2.34	1.8 - 2.45
Focal length		16.15 mm	27.32 mm 37.04 mm	36.00 mm 57.35 mm	55.43 mm 83.3 mm	80.59 mm 121.1 mm	181.98 mm 165.39 mm
Screen size range		60 - 500 inch	60 - 500 inch	60 - 500 inch	60 - 500 inch	60 - 500 inch	60 - 500 inch
Lens Shift Range	Vertical	-	±70%	±70%	±70%	±70%	±70%
	Horizontal	-	±20%	±20%	±20%	±20%	±20%
Anti-theft screw		Included	Included	Included	Included	Included	Included
Lens protection		Lens cover cap	Lens cover cap	Lens cover cap	Lens cover cap	Lens cover cap	Lens cover cap
Weight		1.95 Kg	2.86 Kg	1.82 Kg	2.6 Kg	2.2 Kg	2.2 Kg
Operating temperature		0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C
Storage temperature		-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Operating angle of tilt		0°/ 180°(±30°) 90°/ 270° (±10°)	0°/ 180°(±30°) 90°/ 270° (±10°)	0°/ 180°(±30°) 90°/ 270° (±10°)	0°/ 180°(±30°) 90°/ 270° (±10°)	0°/ 180°(±30°) 90°/ 270° (±10°)	0°/ 180°(±30°) 90°/ 270° (±10°)
Order number		V12H004R04	V12H004W04	V12H004S04	V12H004M06	V12H004M07	V12H004L07

*Throw ratio : Projection distance / Width of projection screen size

Extreme flexibility for installation

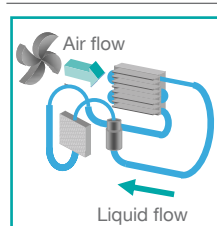


The lens shift is motorised and works by remote control. Together with the shift, zoom and focus functions it offers full flexibility for vertical and horizontal adjustment to avoid image distortion.

QUALITY YOU CAN RELY ON

Epson original cooling system:

the high reliability, low-noise solution combines liquid-cooling, peltier-cooling and air-cooling technology for enhanced operation in temperatures of up to 45°C.



Dual lamp: quick and easy to change, the twin bulbs in the EB-Z8000 Series dual lamp system generate an impressive 6 – 7 000 lumens and enhance reliability by offering a built-in back.



New air-filter design: the cooling vents' high efficiency, electrostatic filters protect against dust and static for up to 10 000 hours in normal use, and can be easily replaced.



Long Life Optical Engine: for exceptional reliability, Epson's long life optical engine incorporates C²Fine technology used in newly developed LCD panels based on inorganic alignment layer and vertical aligned liquid crystal.

Tough, reliable, and increasingly energy efficient

More smart, environmentally-friendly solutions are built-in from the start to protect your investment and the planet long-term:

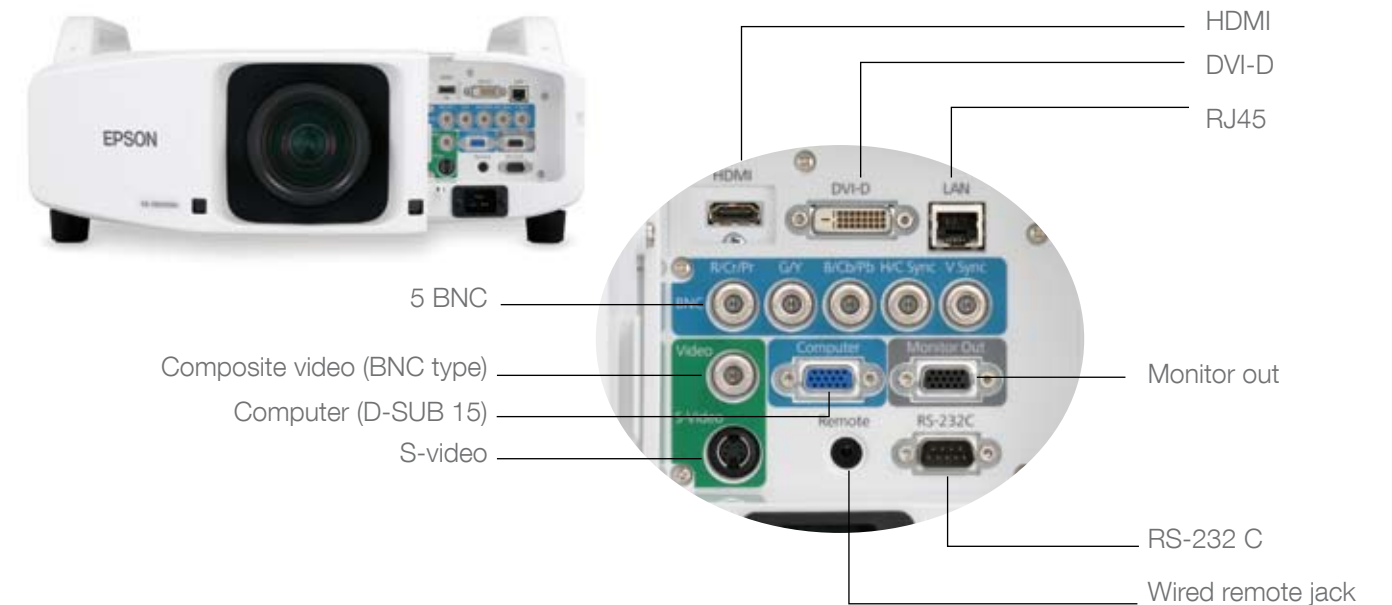
- To facilitate recycling, the projector body has no paint coating
- No use of lead in the lens
- Extremely low power consumption on stand-by (less than 1W)
- Packaging is made with recyclable materials

Better Products for a Better Future™

CONNECTING WITH CONTENT

Multimedia connectivity

Your EB-Z8000 series projectors can accept analog and digital computer signals up to WUXGA. No adapters are required to connect the HDMI and DVI-D interfaces and receive digital signals from PC and HD video equipment at the same time. The projection equipment also includes 5 BNC signal connectors for professional video equipment.



Network Management



However wide your network, you can see which projectors are available and if they are running efficiently from a single PC with Epson Network monitoring and control software.

Your EB-Z8000 series projector can be configured remotely, and you can receive instant «e-mail» alerts on pre-defined critical indicators such as non-functioning devices or overheating lamps.

Epson EasyMP™ makes light work of managing multiscreen shows or events

Spread your visual across several displays, in panorama or a large square - invaluable for looking at complex spreadsheets and wide pictures. You can also show up to four different visuals - each running on a different application - and move between them.

Multiscreen projection

You can link your PC to up to four separate projectors, by wireless or wired LAN, and project onto all screens.



Encrypted wireless transmission

Security is guaranteed through strong encryption technologies (compatible with Cisco CCXv4 protocols).



EasyMP™