
EPSON EB-Z8000 SERIES

BIG NEWS FOR BIG PRESENTATIONS



EPSON®
EXCEED YOUR VISION

THE NEW EPSON EB-Z8000 SERIES

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

Introducing the first-ever 3LCD WUXGA projector

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



Source Futuresource Consulting Ltd.

Bringing together 3LCD and optical technology

Epson brings 20 years of technology 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. The three colour images are combined using a prism to form a full-colour image consisting of millions of colours.

With pure 3LCD plus the powerful 6000 lumens dual lamp system, you enjoy the best picture quality and projector performance.

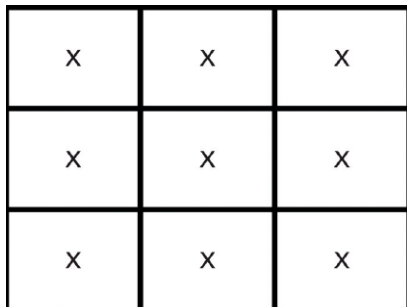
3LCD technology

It provides incredible detail to every image with smooth, natural colour reproduction and unparalleled greyscale range.

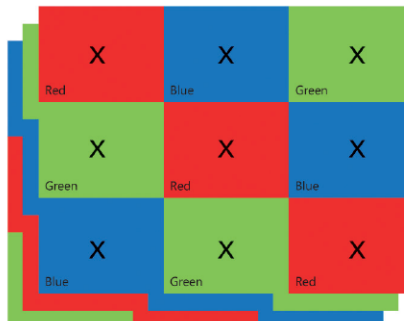


Colour Light Output, the new metric for projector brightness

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

THE ULTIMATE IN PICTURE QUALITY

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

Outstanding quality, impressive size

Choose between the 1920 x 1200 pixel EB-Z8000WU or the 1280 x 800 pixel 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. The result is smooth and uniform images with perfect contrast for high image quality.

Get superb digital cinema colour

When combined with Epson Cinema Filter technology, the Epson EB-Z8000 series colour space even covers the DCI colour standard used in digital cinema, enabling accurate and faithful reproduction of colour content the way film producers originally intended.

See the difference

Epson's innovative optical technology delivers exceptional picture quality and the projector's auto iris brings out every shade of contrast. In addition, the colour light output of up to 7000 lumens and 5,000:1 contrast ratio gives great greyscale for small print and figures as well as shadows and light.

The EB-Z8000 series is versatile. It can be used for digital content from spreadsheets and business applications to CAD graphics, Flash animations, HDTV, HD video and multi-screen presentations. You can use it indoors, outdoors and even in daylight.

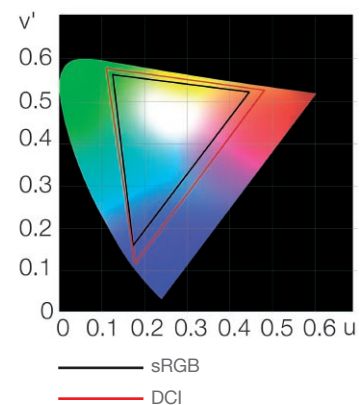


C²FINE



HTPS panel with C²Fine inorganic alignment technology

DCI colour space



EPSON EB-Z8000WU



WUXGA



6000 lm



LAN

EPSON EB-Z8050W



WXGA



7000 lm



LAN



EasyMP™

EASY INSTALLATION

The Epson EB-Z8000 series is easily adaptable for ceiling-mounted or desktop installations 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 easy installation and locking into place when ceiling mounted. The centred lens facilitates symmetrical positioning and gives you a wide choice of options for rear projection, wide-, middle- or long-throw projection.

More flexible features

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

Secure and safe

Having twin carrying bars on the top-face make the Epson EB-Z8000 series easy to handle, safe to carry and quick to install.

At your control

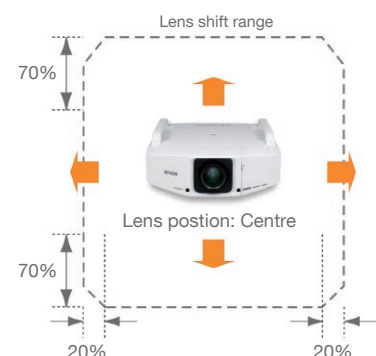
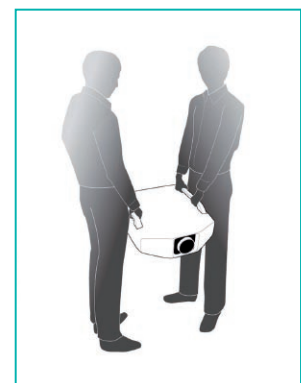
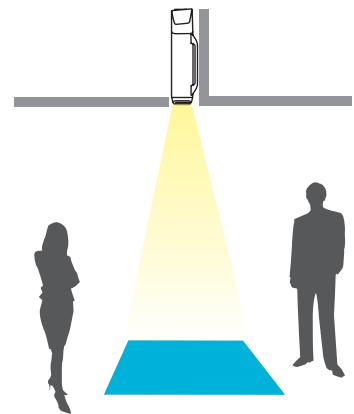
Every decision, from opening the shutter to adjusting the focus, shifting the lens or zooming in to make details up to six times larger, is in your hands. With one touch of the remote control, you can also prevent unauthorized or accidental changes by locking the setting.

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.

The Epson EB-Z8000 series

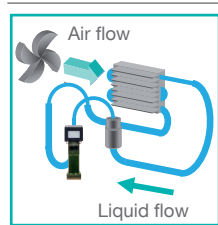
Can be installed to project images upward or downward.



QUALITY YOU CAN RELY ON

Epson original cooling system:

this reliable, 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 generate an impressive 6 – 7 000 lumens and enhance reliability.



New air-filter design:

the cooling vents' high efficiency, electro-static 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 an inorganic alignment layer and vertical aligned liquid crystal.

Tough, reliable and increasingly energy efficient

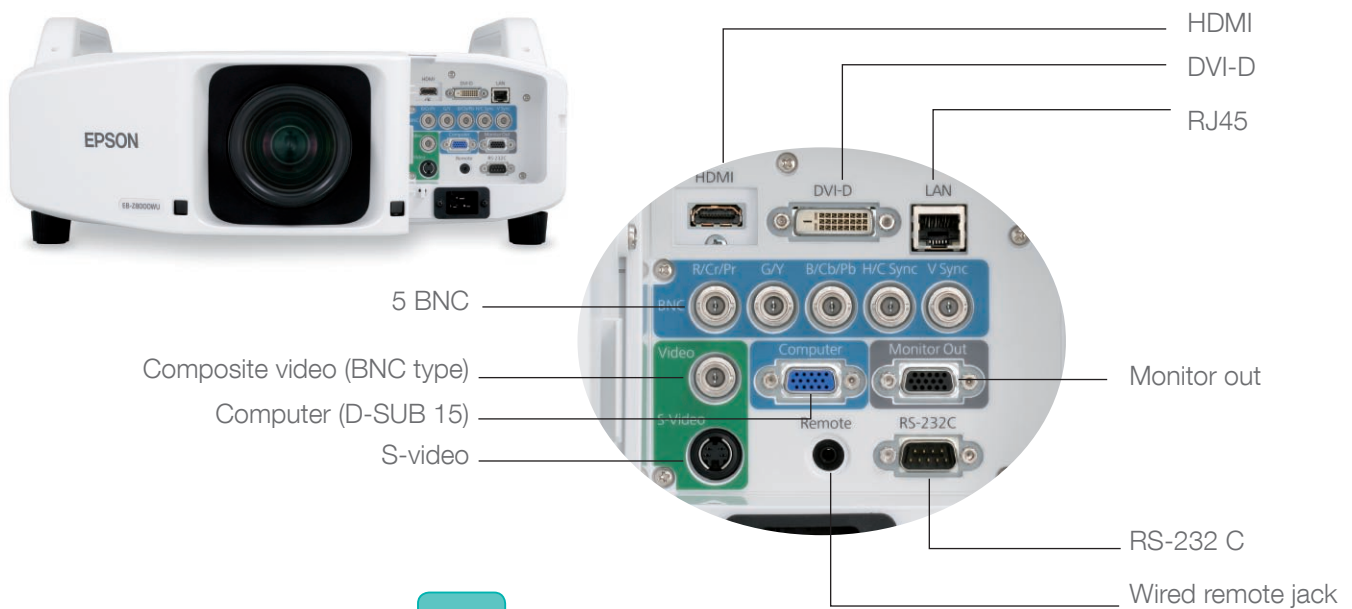
Smart, environmentally-friendly solutions are built-in from the start to protect your investment and the planet:

- 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 of recyclable materials.

CONNECTING WITH CONTENT

Multimedia connectivity

Your Epson EB-Z8000 series can accept analogue and digital computer signals up to WUXGA. No adapters are required to connect the HDMI and DVI-D interfaces. In addition it can 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

LAN

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 Epson EB-Z8000 series 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 multi-screen shows or events*

Spread your visual across several displays, in panoramic 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 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).

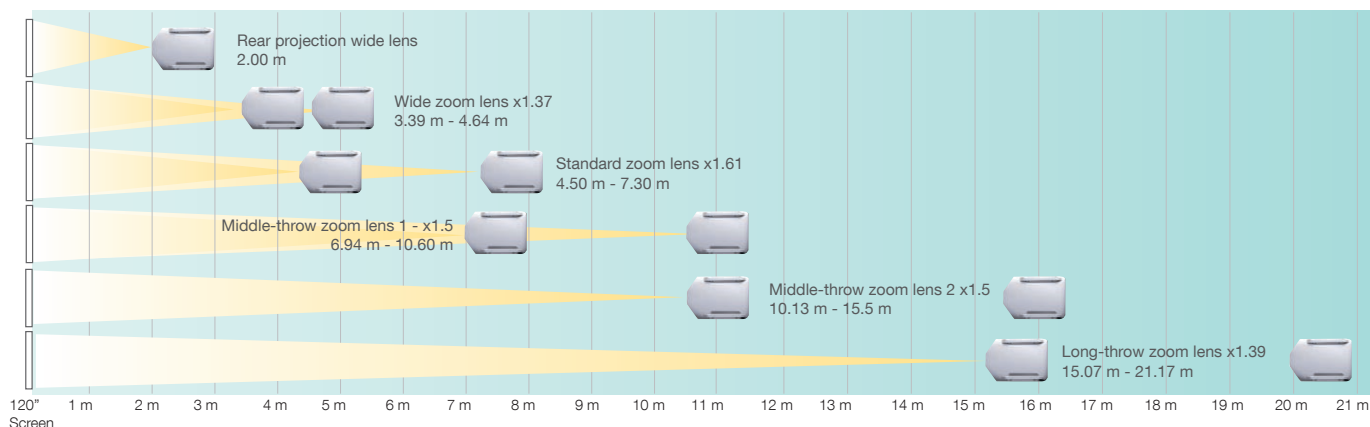


* only on EB-Z8050W







EasyMP™

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

7



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* EB-Z8000WU	16:10 & 16:9 aspect ratios	0.77	1.31 - 1.80	1.74 - 2.82	2.68 - 4.10	3.92 - 5.97	5.83 - 8.18
	4:3 aspect ratio	0.93	1.57 - 2.15	2.09 - 3.39	3.22 - 4.92	4.7 - 7.17	6.99 - 9.82
Throw ratio* EB-Z8050W	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

PRODUCT DIMENSIONS AND SPECIFICATIONS

SPECIFICATIONS		
Projection system (3LCD)	Epson EB-Z8000WU	Epson EB-Z8050W
Native resolution	0.94-inch wide inorganic panel with MLA (x3) TFT WXGA (1920 x 1200) / native aspect Ratio 16:10	0.95-inch wide inorganic panel with MLA (x3) TFT WXGA (1280 x 800) / native aspect Ratio 16:10
Resolution supported	Analogue signal: VGA ~ WXGA Digital video standard: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p	Analogue signal: VGA ~ WXGA Digital video standard: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p
Frequency (analogue)	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 7)	
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 (DCI) with Epson cinema filter, 3D Y/C separation, noise reduction Motion compensated Interlace-Progressive conversion (2-2,3-2 film detection) 32 dB / 38 dB (eco / normal)	
Fan noise	5000:1 (auto iris on)	
Contrast ratio*	With standard lens	
Keystone correction	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	
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	
Epson Network Software	Other features: SNMP, web control, P.J-link, projector control EasyMP 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, tilt angle, foot adjuster, OSD language, 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 / 0 m to 3,048 m (high altitude mode over 1500 m)	
WEIGHT AND DIMENSION		
Weight	Approx. 46.2 lbs. / 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

ADVANCED FUNCTIONS	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)
EASYMP™ 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 4 projectors) with Windows 2000 and XP, Movie sending (MPEG2, WMV), MAC OS 10.3 and 10.4 compatible, WPS
EASYMP™ SOFTWARE	EasyMP Network Projection (for Windows and Mac) - EMP Slide Maker2 (for Windows)

EPSON EB-Z8000 SERIES



Optional accessories

Power cable	3 m, 3 Wire (included)
Computer cable	1.8 m D-sub 15pin D-sub 15pin (included)
Remote control	Included
User manual	Included (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
Spare lamp (330W) (ELPLP51)	V13H010L51
Spare lamps (330W twin pack) (ELPLP52)	V13H010L52



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