ESSENTIAL PROJECTORS FOR EFFECTIVE MEETINGS.

Epson business projectors are the essential choice for your office with convenient features from wide connectivity options to space-saving designs. Enjoy cost-savings from long lamp-life and maintenance cycles that will benefit your business in the long run. Complete with brilliant colours and quality images, choose Epson for business projectors that meets your needs.

EB-S29/X29/97H/98H/945H/965H

EB-955WH

10,000 Hours Lamp Life in Eco Mode	Multi-PC Projection	Horizontal Keystone Adjuster	2 x HDMI	Spilt Screen	3-in-1 USB Display	Wi-Fi*

ENGINEERED FOR BUSINESS

All-in-One Essentials
Enhance your meetings with key features such as flexible placement and versatile connectivity.

Cost-saving Features
Save time and money with 10,000 hours for both lamp-life (in eco-mode) and air filter maintenance cycle.

Stunning Colour Brightness
High colour light lumens let you achieve sharp images and dazzling colours that will enhance every presentation.

WORLD'S No.1 PROJECTORS
3LCD
3X Brighter Colours with Epson Projectors
MHL Mobile High-Definition Link

* Optional with Wireless Adaptor ELPAP07

Enjoy easy mobile presentations with Epson's multimedia projector series. Versatile, user-friendly and equipped with advanced features such as wireless transmission, multi-PC projection and HDMI connection, these projectors deliver smooth and high-contrast presentations whenever and wherever you need.
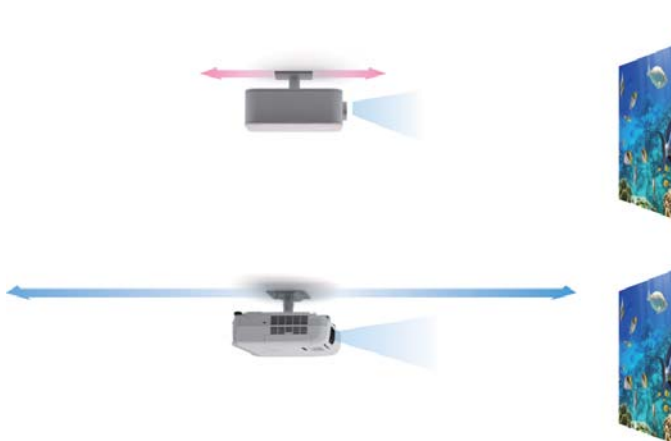

All-in-one Essentials
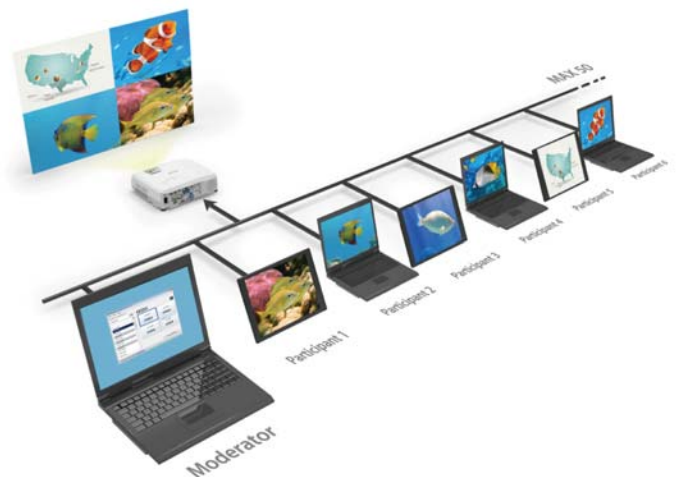
1.6x Zoom Lens

Enjoy greater placement flexibility with 1.6x zoom lens*. With wider lens, you can position the projector closer to the screen to free up valuable room and desk space.

Multi-PC Projection

With the control of a host PC, up to 50 terminals can be connected via the multi-PC projection from a single projector. The host PC acts as a moderator, selecting media from up to four terminals to be projected simultaneously. With the moderator function, you can maintain control and prevent tampering with what's projected on screen.

Narrow zoom ratio

* Applicable on EB-945H/965H/955WH only.

Wireless Transmission

Enjoy enhanced connectivity and flexibility with Wi-Fi connectivity*. Easily share and transmit images, text and files from your smart devices using the "Epson iProjection" application for smooth and smart projections. And with an additional attachment piece holding the wireless LAN adaptor in place, your transmissions will never be interrupted.

* Wireless LAN adaptor ELPAP07 is required.

Wi-Fi adaptor

Epson iProjection

The Epson iProjection application enables a wireless connection for projecting images and files from your smart devices. The new "QR Code Reader" function makes this wireless connection even easier by simply reading the QR code that is projected on the screen from your smart devices.

* In iProjection, projector profile search, multi-screen display, distribution function, audio transfer, movie file transfer, interrupt connection disabling and encryption data transfer capabilities are not supported.

Open the iProjection in your smart device

Scan the QR code on the projection screen

Project the contents from your smart device wirelessly on the projection screen

High Contrast Ratio

Add brilliance to your presentations. Boasting stunning brightness of up to 3,500 lumens and a high contrast ratio of 10000:1, these projectors enable you to project beautiful, well-defined images wherever you are, regardless of ambient light.

Up to
3500lm
Colour Light Output

10000:1
contrast

Horizontal Keystone Adjuster

Deliver powerful presentations anywhere in the room. With the easy-to-use sliding Horizontal Keystone Adjuster, screen corrections can be done quickly, easily and accurately, even in a limited space.

With automatic vertical keystone detection and adjustment, there is no longer any need for awkward and time-consuming manual image adjustments that interrupt the smooth flow of your presentation delivery. This handy feature automatically detects the projector's vertical keystone distortion and corrects it instantly.

Wide-ranging Connectivity

Advanced connectivity features mean convenient and hassle-free projections of your presentations. With a wide-ranging interface, you can choose from a variety of connection methods including HDMI, VGA and LAN. In addition, these projectors are equipped with two HDMI ports, one of which is MHL-enabled*, for greater digital compatibility.

Simply connect your MHL-compatible device with the MHL cable to fully enjoy your contents on the big screen. What's more, when connected, you can charge your smart device and operate it using the projector's remote control.

MHL
Mobile High-Definition Link

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

2 HDMI + MHL

* Applicable for EB-97H/98H/945H/955WH/965H only.

Redirected Exhaust

The front-facing exhaust is intelligently positioned to prevent anyone from being exposed to the hot exhaust, especially when on a narrow table. This allows the audience to fully concentrate on the presentation, even if they are seated beside or behind the projector.

Epson Projectors

Other projectors with side exhaust

Split Screen

Display images from two different sources side by side on the same screen for a more effective presentation. In video conferences, for example, images of presentation materials and remote participants can be shown simultaneously. What's more with Digital x Digital compatibility, you'll enjoy sharper, more vibrant projections.

Superior Sound Quality

The built-in 16W speaker* provides ample sound even in large rooms, removing the need for external speakers to save you valuable time and money.

* Applicable for EB-97H/98H/945H/965H/955WH only.

Easy-to-replace Lamps

With the lamp cap located on the upper side of the projector, you can change lamps easily even if the projector is installed on the ceiling. Lamps can be replaced quickly without tools and dismounting of the projector from the ceiling mount.

Firmware Updates

Easily update your projector's firmware without having to take it to a service centre. To update, simply insert a USB memory stick with the necessary software. Updates can be done over LAN network or via a USB-B connection.
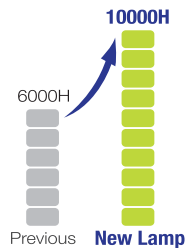
Auto Power On

With the auto power on function, projection starts automatically once a projection signal is detected via VGA cable, providing you with an easy and hassle-free presentation.

Cost-saving Features

Longer Lamp Life

With a long lamp life of 10,000 hours in eco-mode, the frequency of costly lamp replacements is reduced, saving you time and money.

10000H

6000H

Previous   **New Lamp**

Air Filter

With a maintenance cycle of 10,000 hours in eco-mode, the need for regular maintenance of the air filter is minimised to save you time and money.

Eco Features

- Uses just 0.26W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programmes, visit **http://global.epson.com/SR/environment.**

PARTNERS IN PERFECTION

Wireless LAN Adaptor ELPAP07

Supports 802.11 b/g/n connection

Compatible with all Epson wireless-enabled projectors

Ultra-portable Document Camera ELPDC06

Easily portable; 0.96kg / 2.11lbs
1.92 megapixels with 15fps
4 x digital zoom
USB powered

Ink Tank System L455

Print speed: 33ppm/cpm
Multifunctional: print, scan, copy
Seamless connectivity to Wi-Fi, Wi-Fi Direct and Epson Connect

SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.

A New Specification

Projectors have always had their brightness rated only for white light. However, they may have very different colour brightness levels. The colour brightness specification provides a new way for buyers to compare the holistic performance (white and colour light brightness) of projectors to make a more informed decision.

Epson
Colour Brightness 2600 Lumens
White Brightness 2600 Lumens

Competitor
Colour Brightness 750 Lumens
White Brightness 2700 Lumens

What is Colour Brightness?

As the term implies, colour brightness is a new international standard that states a projector's colour light output in lumens. It measures the brightness of a projector's red, green and blue light.

These are the measurements to look for:
Colour Brightness - Colour Light Output
White Brightness - White Light Output

Epson

Competitor

Why Does Colour Brightness Matter?

Even if a projector has high white brightness, it's colour brightness could be as low as 1/3 of its white light brightness specification. With a projector that has high colour brightness, you'll see vibrant, realistic colours; but if colour brightness is low, colours can look dull and dark, skin tones can be reproduced poorly and important details can be lost.
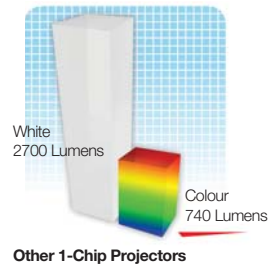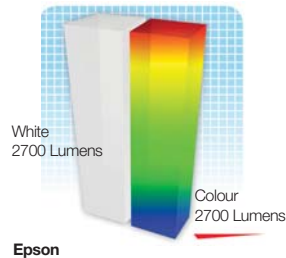

Epson

Competitor

How to Find a Projector's Colour Brightness?

1. Look for separate colour brightness and white brightness specification.
2. Projectors with similar white brightness levels can have vastly different and significantly lower colour brightness levels.
3. Many manufacturers may not want you to know their projectors are only 1/3 as bright when measuring colour.

White
2700 Lumens

Colour
2700 Lumens

Epson

White
2700 Lumens

Colour
740 Lumens

Other 1-Chip Projectors

Up to **3X** Brighter Colours with Epson® Projectors*
*See product specification notes at manufacturer's website.

* Compared against similarly-priced leading 1-chip DLP® business and education projectors based on NPD data from July 2011 through June 2012 (available from www.npd.com). Colour brightness (colour light output) measured in accordance with IDMS 15.4. Actual colour brightness will vary depending on actual usage conditions. 3LCD® is a registered trademark of Seiko Epson Corporation. DLP® is a registered trademark of Texas Instruments, Inc. and its use here does not imply any affiliation with or endorsement by them.
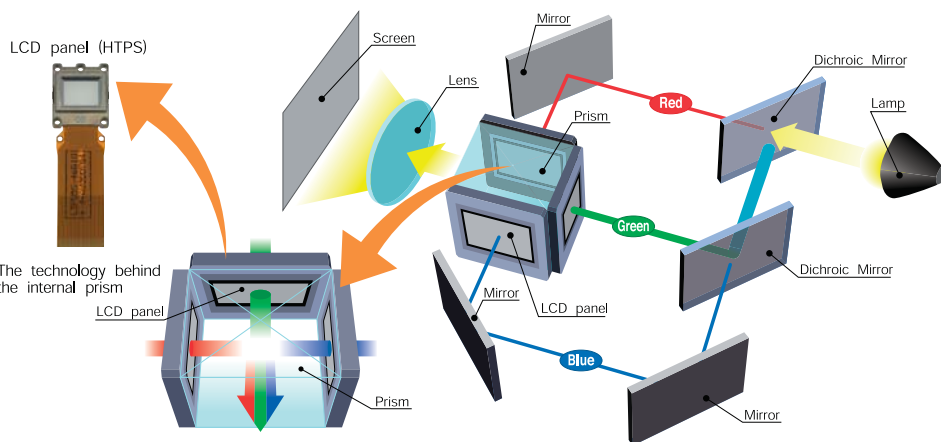
www.epson.com.sg/colourbrightness

EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

3LCD projectors offer brighter and more accurate colours as they produce different shades and hues by filtering, then mixing beams of the three primary colours (red, green and blue).

In a 3LCD projector, white light is first split into the three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel of the image its exact brightness for each colour. The colour beams are then perfectly recombined in a prism before being projected out as a complete image.

This compares to projectors using single-chip technology that actually project individual colours sequentially by filtering their single white light beam through a colour wheel, and then relying on human colour perception to combine the colours in the viewers' minds.

As a result, 3LCD projectors also offer greater detail, smoother gradations, no "colour breakup" effect, are easier on viewers' eyes, and consume about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.

LCD panel (HTPS)

The technology behind the internal prism

LCD panel

Prism

Screen

Lens

Mirror

Prism

Mirror

LCD panel

Blue

Green

Red

Dichroic Mirror

Lamp

Dichroic Mirror

Mirror

3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.

- An independent test by projector review media ProjectorCentral.com in 2009 of about 800 projectors found that on average, 3LCD projectors use 25% less power than single-chip projectors.

3LCD

www.3lcd.com

PROTECT YOUR PROJECTOR.
USE GENUINE LAMPS.

Don't compromise on safety – use Epson genuine lamps to avoid damaging your projector. Eliminate the risk of melting parts of your projector, as well as breaks that result in high-voltage shutdown. With a 0% failure rate even after 2,000 hours of usage – compared to 70% in non-genuine lamps – Epson genuine lamps are safer and more reliable. Choose the best possible viewing experience filled with long-lasting sharpness and colour in every projected image with Epson.

GENUINE EPSON LABEL

To ensure the best quality and safety when using your Epson Projector, look for the "Genuine EPSON Colour Shifting Label" on your projector lamp. Real quality and value, only with Epson genuine supplies.
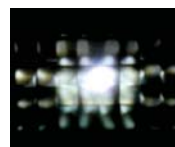
DANGERS OF NON-GENUINE LAMPS

UNRELIABLE
Counterfeit lamps deteriorate and break much faster than genuine ones.

UNSAFE
Parts of your Epson projector such as the housing or wires may melt, disconnect, or become damaged when using non-genuine lamps.

POOR IMAGE QUALITY
Counterfeit lamps may result in inaccurate colour projection, lower brightness levels, as well as flickering images that spoil your viewing experience.

www.epson.com.sg/projectorlamp

SPECIFICATIONS
EB-S29/X29/97H/98H

EPSON
EXCEED YOUR VISION

MODEL NUMBER		EB-S29	EB-X29	EB-97H	EB-98H
Projection Technology		RGB liquid crystal shutter projection system (3LCD)			
Specifications of Main Parts					
LCD	Size	0.55" without MLA (D7)	0.55" with MLA (D8)	0.55" without MLA (D8)	0.55" with MLA (D8)
Native Resolution	SVGA	SVGA	XGA		
Projection Lens	Type	No Optical Zoom / Focus (Manual)	Optical Zoom (Manual) / Focus (Manual)		
	F-Number	1.44	1.58 - 1.72		
	Focal Length	16.7mm	16.9 - 20.28 mm		
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)	1 - 1.2		
	Throw Ratio	1.45 - 1.96 (Wide - Tele)	1.48 - 1.77 (Wide - Tele)		
Lamp	Type	200W UHE			
	Life (Normal / Eco)[1]	5,000 hours / 10,000 hours			
Screen Size (Projected Distance)					
Zoom : Wide		30" - 350" [0.88 - 10.44 m]	30" - 300" [0.89 - 9.12 m]		
Zoom : Tele		22" - 260" [0.88 - 10.44 m]	30" - 300" [1.07 - 10.95 m]		
Brightness[2]					
Colour Light Output (Normal)		3,000lm		2,700lm	3,000lm
White Light Output (Normal)		3,000lm		2,700lm	3,000lm
Contrast Ratio					
Auto Iris: On		10,000:1			
Video Quality		3D Y/C Separation, Noise Reduction, Motion Compensated Interlace-Progressive Conversion (2-2,3-2 Film Detection)			
Colour Mode		Dynamic, Presentation, Theatre, sRGB, Blackboard			
Internal Speaker(s)					
Sound Output		5W Monaural		16W Monaural	
Keystone Correction					
Vertical / Horizontal		±30° / ±30° (Slide Bar)			
Auto Keystone Correction		Yes (Vertical)			
Connectivity					
Analog Input	D-Sub 15pin	2 (Blue)			
	Composite	RCA x 1 (Yellow)			
	S-Video	Mini DIN x 1			
Digital Input	HDMI	1		2 (1 x MHL)	
Audio Input	RCA (White/Red)	1			
	Stereo Mini Jack	2			
Audio Output	Stereo Mini Jack	1			
USB Input	USB Type A	1 (for USB Memory, USB Document Camera, Wireless LAN, Firmware Update)			
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update)			
Mic I/O	Stereo Mini Jack	N/A		1	
Control I/O	RS-232C	D-Sub 9pin x 1			
Network	Wired LAN	N/A	1		
	Wireless LAN	Optional (ELPAP07)			
Wireless Specifications					
Supported Speed For Each Mode[3]		IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, IEEE 802.11n: 130 Mbps			
Wireless LAN Security		WPA-PSK (TKIP/AES) / WPA2-PSK(TKIP/AES)			
Operating Temperature		5 - 35 °C <41 - 95 °F> (20% - 80% Humidity, No Condensation)			
Operating Altitude		0 - 3,000 m <0 - 9,843 ft> (over 1,500m / 4,921ft: with high altitude mode)			
Direct Power On / Off		Yes			
Start-Up Period		5 seconds, Warm-up Period: 30 seconds			
Cool Down Period		Instant Off			
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)					
Lamp On (Normal / Eco)		273W / 204W		287W / 215W	
Standby		0.26W			
Dimension Excluding Feet (D X W X H)		244 x 297 x 87 mm			
Weight		2.5kg	2.6kg	2.7kg	
Fan Noise (Normal / Eco)		37dB / 29dB			

[1] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

[2] 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.

[3] 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.

Supplied Accessories
Power Cable: 1.8m
Computer Cable (VGA Cable): 1.8m
Remote Control: Yes, with battery attached
Soft Carrying Case

Optional Accessories
Spare Lamp: ELPLP88
Air Filter: ELPAF32
Wireless LAN Adaptor: ELPAP07
Quick Wireless Connection USB Key: ELPAP09
Ceiling Mount: ELPMB23

EB-S29

EB-X29

EB-97H / EB-98H

Information correct as at June 2015

SPECIFICATIONS
EB-945H/955WH/965H

EPSON
EXCEED YOUR VISION

MODEL NUMBER		EB-945H	EB-955WH	EB-965H
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.63" with MLA (D7)	0.59" with MLA (D8)	0.63" with MLA (D7)
	Native Resolution	XGA	WXGA	XGA
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)		
	F-Number	1.51 - 1.99		
	Focal Length	18.2 - 29.2 mm		
	Zoom Ratio	1 - 1.6		
	Throw Ratio	1.38 - 2.24 (Wide - Tele)		
Lamp	Type	200W UHE		
	Life (Normal / Eco)[1]	5,000 hours / 10,000 hours		
Screen Size (Projected Distance)				
Zoom : Wide		30" - 300" [0.83 - 8.54 m]	33" - 280" [0.97 - 8.45 m]	30" - 300" [0.83 - 8.54 m]
Zoom : Tele		30" - 300" [1.36 - 13.86 m]	33" - 280" [1.59 - 13.71 m]	30" - 300" [1.36 - 13.86 m]
Brightness[2]				
Colour Light Output		3,000lm	3,200lm	3,500lm
White Light Output (Normal / Eco)		3,000lm	3,200lm	3,500lm
Contrast Ratio				
Auto Iris: On		10,000:1		
Video Quality		3D Y/C Separation, Noise Reduction Motion Compensated Interlace-Progressive Conversion (2-2,3-2 Film Detection)		
Colour Mode		Dynamic, Presentation, Theatre, sRGB, Blackboard		
Internal Speaker(s)				
Sound Output		16W Monaural		
Keystone Correction				
Vertical / Horizontal		±30° / ±30° (Slide Bar)		
Auto Keystone Correction		Yes (Vertical)		
Connectivity				
Analog Input	D-Sub 15pin	2 (Blue)		
	Composite	RCA x 1 (Yellow)		
	S-Video	Mini DIN x 1		
Digital Input	HDMI	2 (1 x MHL)		
Audio Input	RCA (White/Red)	1		
	Stereo Mini Jack	2		
Audio Output	Stereo Mini Jack	1		
USB Input	USB Type A	1 (for USB Memory, USB Document Camera, Wireless LAN, Firmware Update)		
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update)		
Mic I/O	Stereo Mini Jack	1		
Control I/O	RS-232C	D-Sub 9pin x 1		
Network I/O	Wired LAN	1		
	Wireless LAN	Optional (ELPAP07)		
Wireless Specifications				
Supported Speed For Each Mode[3]		IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, IEEE 802.11n: 130 Mbps		
Wireless LAN Security		WPA-PSK (TKIP/AES) / WPA2-PSK(TKIP/AES)		
Operating Temperature		5 - 35 °C <41 - 95 °F> (20% - 80% Humidity, No Condensation)		
Operating Altitude		0 - 3,000 m <0 - 9,843 ft> (over 1,500m / 4,921ft: with high altitude mode)		
Direct Power On / Off		Yes		
Start-Up Period		5 seconds, Warm-up Period: 30 seconds		
Cool Down Period		Instant Off		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Lamp On (Normal / Eco)		287W / 215W		
Standby		0.26W		
Dimension Excluding Feet (D X W X H)		269 x 297 x 87 mm		
Weight		2.9kg		
Fan Noise (Normal / Eco)		37dB / 29dB		

[1] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

[2] 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.

[3] 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.

Supplied Accessories

Power Cable: 1.8m
Computer Cable (VGA Cable): 1.8m
Remote Control: Yes, with battery attached
Soft Carrying Case

Optional Accessories

Spare Lamp: ELPLP88
Air Filter: ELPAF32
Wireless LAN Adaptor: ELPAP07
Quick Wireless Connection USB Key: ELPAP09
Ceiling Mount: ELPMB23

EB-945H / EB-955WH / EB-965H

Information correct as at June 2015