

BUSINESS PROJECTORS
EB-S18/W28/X18/X24
EB-S03/W03/X03

EPSON
 EXCEED YOUR VISION



DESIGNED FOR AFFORDABILITY AND ULTIMATE EASE OF USE.

Epson's projector series combines dynamic image quality with exceptional versatility to deliver stunning and vivid presentations. Boasting a high colour brightness, this versatile projector series promises vibrant and realistic colour projections. With advanced features such as optional Wi-Fi connectivity, Colour Universal Design, a high contrast ratio and a sliding horizontal keystone adjuster, you'll be able to deliver vivid, sharp presentations anytime, anywhere.



EB-W28

EB-S18/X18/X24

EB-S03/W03/X03

- 
Wi-Fi*
- 
iProjection
- 
Split Screen**
- 
Multi-PC Projection**
- 
HDMI
- 
Horizontal Keystone Adjuster
- 
Power Savings

ENGINEERED FOR BUSINESS

Unparalleled Performance

Enjoy unparalleled performance with optional Wi-Fi connectivity, high contrast ratio, HDMI connection and the horizontal keystone adjuster.

Made for Everyone

Designed with a Colour Universal Design for those with various types of colour vision, and equipped with eco-friendly features.

Stunning Colour Brightness

Achieve dazzling, sharp and colourful images with the high Colour Light Output.



* Optional
 ** Applicable for EB-W28 only.

BUSINESS PROJECTORS

EB-S18/W28/X18/X24

EB-S03/W03/X03

Epson's multimedia projector series is engineered to make mobile presentations easy. Versatile, user-friendly and equipped with advanced features including HDMI connection and automatic keystone adjustment, these projectors will enable you to deliver smooth and high contrast presentations every time.



Unparalleled Performance

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.

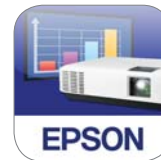
* Wireless LAN adaptor ELPAP07 is required



Epson iProjection

The 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.

* QR Code Reader function applicable for EB-W28 only



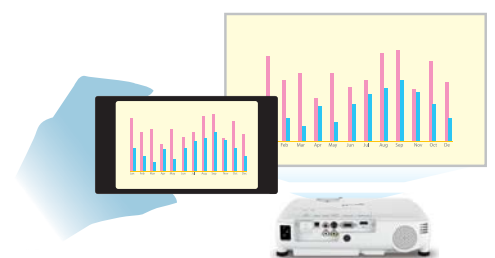
* In iProjection, projector profile search, multi-screen display, distribution function, audio transfer, movie file transfer, interrupt connection disabling and encryption data transfer capabilities are not supported.



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

Availability of MHL Port*

Watch your images and videos in your smart devices appear larger-than-life with the MHL port. 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.



* Applicable for EB-W28 only.

Split Screen*

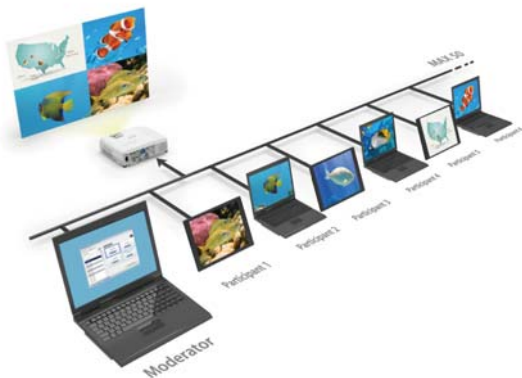
Display images from two different sources side by side on the same screen for a more effective presentation. In video conferences, for example, images of presentation materials and remote participants can be shown simultaneously.



* Applicable for EB-W28 only.

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 4 terminals to be projected simultaneously. With the moderator function, you can maintain control and prevent tampering with what's projected on screen.



* Applicable for EB-W28 only.

High Contrast Ratio

Add brilliance to your presentation with a high contrast ratio. Boasting a contrast ration of 10000:1, these projectors enable your audience to view your presentation with added clarity even down the finest details.



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.



IR Receivers

With IR Receivers at both the front and rear of the projector, using the remote control has never been easier. Now, you'll be able to use the remote control wherever the projector is placed for a seamless presentation.



HDMI Connectivity

With the built-in HDMI terminal, the transmission of digital images and sounds is a breeze. Transfer and enjoy high-quality images and sounds with just one cable. With digital connection, even images projected from a SVGA model will appear crisp and clear.



Direct Display from USB

View a JPEG, BMP, PNG or GIF slideshow without a PC by simply inserting a USB memory device into the USB port on the projector.



A/V Mute Lens Shutter

Fully manage what is being projected simply by sliding the A/V Mute Lens Shutter. Doing so will project a black screen internally, switching off all audio and visual instantly, akin to putting the projector into "sleep" mode.

Alternatively, use the A/V Mute Timer to avoid unnecessary projection. When this is turned 'ON', the projector will automatically power off if the A/V shutter is closed for 30 minutes, saving lamp life and reducing power consumption.

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.



Other projectors with side exhaust



Convenient Connection to a Document Camera

This projector series conveniently connects directly to Epson's Portable Document Camera ELPDC06 via a USB cable without a computer, revolutionising the way you present.

Simply place the presentation material under the camera and enlarge the projection according to the desired size – perfect for classroom and office discussions.



Made for Everyone

Eco-friendly

Reduce power consumption and do your part for the environment with these eco-friendly features. Fully manage your projector and save power using the "ECO mode" and lamp dimming function, which allows you to adjust the brightness and power consumption of the projector.

When the Sleep Mode is set to "On", the projector enters a very low brightness setting if no signal is detected for five minutes, reducing lamp wattage by up to 70%.



Lamp dimming function



Colour Universal Design

Developed in consideration for people with various types of colour vision, the Colour Universal Design (CUD) uses colour schemes that can be easily identified and distinguished so important information is always accurately conveyed. With this user-oriented design system, functions on the projector's remote control, control panel and LED lights can be easily seen, enabling everyone to operate the projector with ease.

Common-type colour vision



Colourblind (deuteranopia)



Users with common-type colour vision will see the orange button while users with colourblindness will see brown button.



Both of the users with common-type colour vision and colourblindness will see the blue button.



Eco Features

- Uses just 0.28W 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

Desktop Document Camera ELPDC20



3kg / 6.6lbs
2 megapixels with 30fps
12 x optical zoom
1080p output resolution
HDMI digital connectivity

Ultra-portable Document Camera ELPDC06



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



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

* 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.

Why Does Colour Brightness Matter?

Even if a projector has high white brightness, its 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.

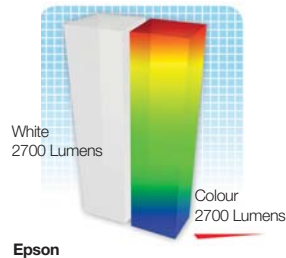


Epson

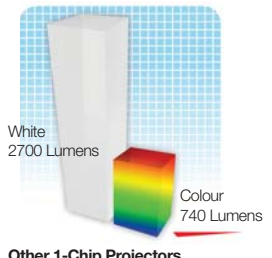
Competitor

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.



Epson



Other 1-Chip Projectors



www.epson.com.sg/colourbrightness

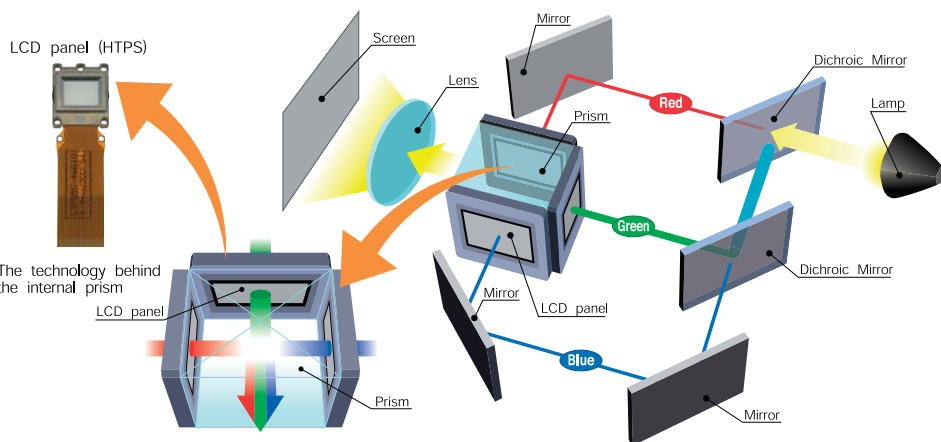
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

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.



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.



www.3lcd.com

MODEL NUMBER	EB-S18	EB-W28	EB-X18	EB-X24	
Projection Technology	RGB liquid crystal shutter projection system (3LCD)				
Specifications of Main Parts					
LCD	Size	0.55" without MLA (D7)	0.59" with MLA (D8)	0.55" with MLA (D8)	0.63" with MLA (D7)
	Native Resolution	SVGA (800 x 600)	WXGA (1280 x 800)	XGA (1024 x 768)	
Projection Lens	Type	No Optical Zoom / Focus (Manual) / Optical Zoom (Manual) / Focus (Manual)			
	F-Number	1.44	1.58 - 1.72		1.6 - 1.74
	Focal Length	16.7mm	16.9 - 20.28 mm		18.4 - 22.08 mm
	Zoom Ratio	1.0 - 1.35 (Digital Zoom)	1 - 1.2		
	Throw Ratio	1.45 - 1.96 (Wide - Tele)	1.30 - 1.56 (Wide - Tele)	1.48 - 1.77 (Wide - Tele)	1.40 - 1.68 (Wide - Tele)
Lamp	Type	200W UHE			
	Life (Normal / Eco) ¹	5,000 hours / 6,000 hours			
Screen Size (Projected Distance)					
Zoom: Wide	30" - 350" [0.88 - 10.44 m]	33" - 320" [0.9 - 9.0 m]	30" - 300" [0.9 - 9.0 m]	30" - 300" [1.01 - 10.42 m]	
Zoom: Tele	23" - 260" [0.88 - 10.44 m]	33" - 320" [1.08 - 10.8 m]	30" - 300" [1.08 - 10.8 m]	30" - 300" [0.84 - 8.66 m]	
Standard Size	60" screen 1.77 - 2.4 m	60" screen 1.68 - 2.02 m	60" screen 1.8 - 2.17 m	60" screen 1.71 - 2.16 m	
Brightness²					
Colour Light Output	3,000lm			3,500lm	
White Light Output (Normal / Eco)	3,000lm / 2,100lm			3,500lm / 2,450lm	
Contrast Ratio	10,000:1				
Internal Speaker(s)					
Sound Output	2W Monaural				
Keystone Correction					
Vertical / Horizontal	±30° / ±30°				
Auto Keystone Correction	Yes (Vertical only)				
Connectivity					
Analog Input	D-Sub 15pin	1 (Blue)			
	Component	D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)			
	Composite	RCA x 1 (Yellow)			
	S-Video	Mini DIN x 1			
Digital Input	HDMI	1 (HDCP supported)			
	MHL	HDMI x 1 (in common with HDMI connector)			
Audio Input	RCA (White/Red)	1 Pair			
Others	USB Type A	1 (USB Memory / ELPDC06 Document Camera / Wireless LAN adaptor) Firmware Update / Copy OSD Settings (EB-W28 only)			
	USB Type B	1 (3-in-1 USB Display / Mouse / K/B / Control) Firmware Update / Copy OSD Settings (EB-W28 only)			
Network	Wireless	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/WPA2-Personal (with optional Wireless LAN Unit)				
Operating Temperature					
	5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (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					
	About 5 seconds, Warm-up Period: 30 seconds				
Cool Down Period					
	Instant Off or 0 second				
Air Filter	Type	Normal			
	Maintenance Cycle	3,000 hours ⁴			
Power Supply Voltage					
	100 - 240 V AC ±10%, 50/60 Hz				
Power Consumption (220 - 240V)					
Lamp On (Normal / Eco)	270W / 201W				
Standby (Network On / Off)	3W / 0.28W				
Dimension Excluding Feet (D X W X H)					
	234 x 297 x 77 mm				
Weight					
	2.4kg				
Fan Noise (Normal / Eco)					
	37dB / 29dB				

Supplied Accessories

- Power Cable: 1.8m
- Computer Cable (VGA Cable): 1.8m
- USB Cable (Type A/B): 1.8m
- Remote Control: Yes, with Alkaline AA Battery x 2
- Soft Carrying Case

Optional Accessories

- Spare Lamp: ELPLP78
- Air Filter: ELPAF32
- Wireless LAN Adaptor: ELPAP07
- Quick Wireless Connection USB Key: ELPAP09
- Ceiling Mount: ELPMB23

EB-S18 / W28 / X18 / X24



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Information correct as at June 2014

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.

⁴ When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m³). Based on the Epson's in-house test results. 25°C (77°F).

MODEL NUMBER		EB-S03	EB-W03	EB-X03
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.55" without MLA (D7)	0.59" with MLA (D8)	0.55" without MLA (D8)
	Native Resolution	SVGA (800 x 600)	WXGA (1280 x 800)	XGA (1024 x 768)
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) / 1.30 - 1.56 (Wide - Tele) / 1.48 - 1.77 (Wide - Tele)		
Lamp	Type	200W UHE		
	Life (Normal / Eco) ¹⁾	5,000 hours / 6,000 hours		
Screen Size (Projected Distance)				
Zoom: Wide		30" - 350" [0.88 - 10.44 m]	33" - 318" [0.9 - 9.0 m]	30" - 300" [0.9 - 9.0 m]
Zoom: Tele		23" - 260" [0.88 - 10.44 m]	33" - 317" [1.08 - 10.8 m]	30" - 300" [1.08 - 10.8 m]
Standard Size		60" screen 1.77 - 2.4 m	60" screen 1.68 - 2.02 m	60" screen 1.8 - 2.17 m
Brightness²⁾				
Colour Light Output		2,700lm		
White Light Output (Normal / Eco)		2,700lm / 1,890lm		
Contrast Ratio		10,000:1		
Internal Speaker(s)				
Sound Output		1W Monaural		
Keystone Correction				
Vertical / Horizontal		±30° / ±30°		
Auto Keystone Correction		Yes (Vertical only)		
Connectivity				
Analog Input	D-Sub 15pin	1 (Blue)		
	Component	D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)		
	Composite	RCA x 1 (Yellow)		
	S-Video	Mini DIN x 1		
Digital Input	HDMI	1 (HDCP supported)		
Audio Input	RCA (White/Red)	1 Pair		
Others	USB Type A	1 (USB Memory / ELPDC06 Document Camera / Wireless LAN adaptor)		
	USB Type B	1 (3-in-1 USB Display, Mouse, K/B, Control)		
Network	Wireless	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/WPA2-Personal (with optional Wireless LAN Unit)		
Operating Temperature				
		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, unfrozen)		
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		About 5 seconds, Warm-up Period: 30 seconds		
Cool Down Period		Instant Off or 0 second		
Air Filter	Type	Normal		
	Maintenance Cycle	3,000 hours ⁴⁾		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Lamp On (Normal / Eco)		270W / 201W		
Standby (Network On / Off)		3W / 0.28W		
Dimension Excluding Feet (D X W X H)		234 x 297 x 77 mm		
Weight		2.4kg		
Fan Noise (Normal / Eco)		37dB / 29dB		

Supplied Accessories

Power Cable: 1.8m
Computer Cable (VGA Cable): 1.8m
USB Cable (Type A/B): 1.8m
Remote Control: Yes, with Alkaline AA Battery x 2
Soft Carrying Case

Optional Accessories

Spare Lamp: ELPLP78
Air Filter: ELPAF32
Wireless LAN Adaptor: ELPAP07
Quick Wireless Connection USB Key: ELPAP09
Ceiling Mount: ELPMB23

EB-S03 / W03 / X03



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⁴⁾ When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m³). Based on the Epson's in-house test results. 25°C (77°F).