BEYOND FULL HD
1920 x 1200

WIDEN YOUR VIEW.
STRETCH YOUR DOLLAR.

If you're looking for a good deal, this affordable series of business projectors are your answer. Capable of producing an amazing beyond Full HD resolution* with up to 3,600 lumens, your images remain crystal clear even for large projections. On top of features such as built-in Wi-Fi**, home screen interface, and auto search function, a long lamp life and lasting maintenance cycle help you keep your business running smoothly and cost-efficiently.

EB-U32/W31/X36/X31/S31

EB-U04/W04/X04/S04

Beyond Full HD Resolution*

10,000 Hours Lamp Life in Eco Mode

Multi-PC Projection

Horizontal Keystone Adjuster

HDMI

Split Screen

Environmentally-Friendly

ENGINEERED FOR BUSINESS

Impressive Image Quality
Witness large, quality images with beyond Full HD resolution* and 3,600 lumens of brightness.

Seamless Connectivity and Usability
Enjoy great convenience from ergonomic features ranging from split screen functionality to Epson iProjection.

Essential Cost-savings
Minimise costs with an impressive 10,000 hours for lamp life and maintenance cycle in eco-mode.

No.1 PROJECTORS

3LCD

3X Brighter Colours with Epson Projectors

MHL
Mobile High-Definition Link

*Available on EB-U32 and EB-U04 only.
**Available on EB-U32 only.

With ergonomic features such as auto-power on and source search, these projectors deliver smooth and high-contrast presentations whenever and wherever you need. Enjoy superb high-resolution image display of 1920 x 1200 that are beyond Full HD resolution.

Impressive Image Quality

Incredible Beyond Full HD Resolution*

Deliver a dynamic viewing experience with WUXGA 1920 x 1200 resolution image display without distortion in Video, Blu-ray and other graphic-intensive media. The projection images remain razor sharp and vivid, even on larger screens.

High Contrast Ratio

Add brilliance to your presentations. Boasting stunning brightness of up to 3,600 lumens and a high contrast ratio of 15000:1, these projectors enable you to project beautiful, well-defined images wherever you are, regardless of ambient light.

WUXGA(1920x1200)
1080P(1920x1080)
WXGA(1280x800)
XGA(1024x768)
SVGA(800x600)

Up to
3600lm
Colour Light Output
15000:1
contrast

* Applicable for EB-U32 and EB-U04 only.

Seamless Connectivity and Usability

Epson iProjection*

The iProjection application enables a wireless connection for projecting images and files from your smart devices. The "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.
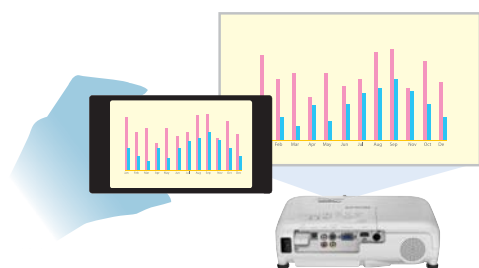
* In iProjection, projector profile search, multi-screen display, distribution function, audio transfer, movie file transfer, interrupt connection disabling and encryption data transfer capabilities are not supported.
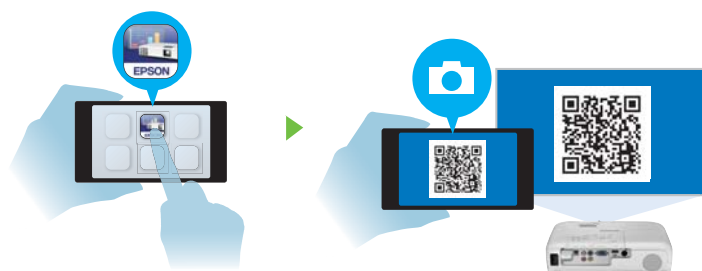
Open the iProjection in your smart device   Scan the QR code on the projection screen

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

Horizontal Keystone Adjuster

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

And 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 for your presentations. With a wide-ranging interface, you can choose from a variety of connection methods including HDMI, VGA and LAN. In addition, the EB-U04 and EB-U32 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.

| Smart device | Computer | Document Camera | USB memory | Video | Camera | Tuner |

2HDMI + MHL*

MHL Mobile High-Definition Link   **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE

* Applicable for EB-U32 and EB-U04 only.

Wireless Transmission

Enjoy enhanced connectivity and flexibility with in-built Wi-Fi* connectivity. Easily share and transmit images, texts and files from your smart devices using the "Epson iProjection" application for smooth and smart projections.

* Applicable for EB-U32 only. For other models, wireless LAN adaptor ELPAP10 is required.

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.

Multi-PC Projection

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

Home Screen

View and access your most frequently used functions immediately on the home screen. See all source information at a glance, no matter what the source input. With all the information you need right there on the home screen, wireless connections have never been easier.

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.

Auto Source Search

With automatic detection of the input source, projection automatically begins without you having to manually switch the input.

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 your audience to fully concentrate on the presentation, even if they are seated beside or behind the projector.
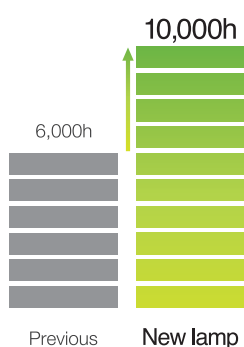
Other projectors with side exhaust

Essential Cost-savings

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.

10,000h

6,000h

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.

Easy Lamp Replacement

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.

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 Printer L365

Print Speed: Approx. 9.2ipm for default black and white prints
Resolution: 5760 x 1440dpi
Connectivity: Built-in WiFi, Epson Connect
Print, copy scan

COLOUR BRIGHTNESS
Know your projector lumens

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

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**

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

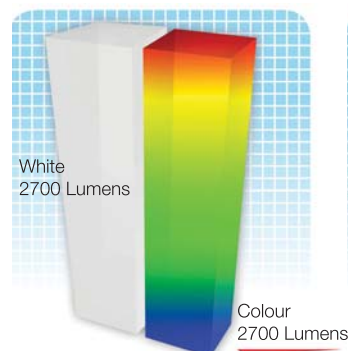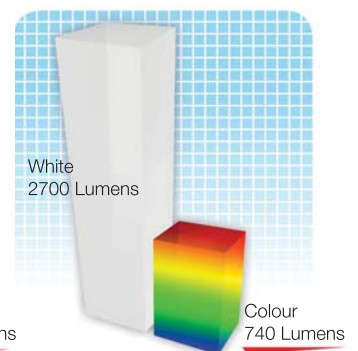**White Brightness - White Light Output**

Epson   **Competitor**

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.

EPSON REVOLUTIONISES PROJECTOR MARKET WITH 3LCD TECHNOLOGY AND LEADS AS WORLD'S NO.1* PROJECTOR BRAND FOR 14 CONSECUTIVE YEARS!

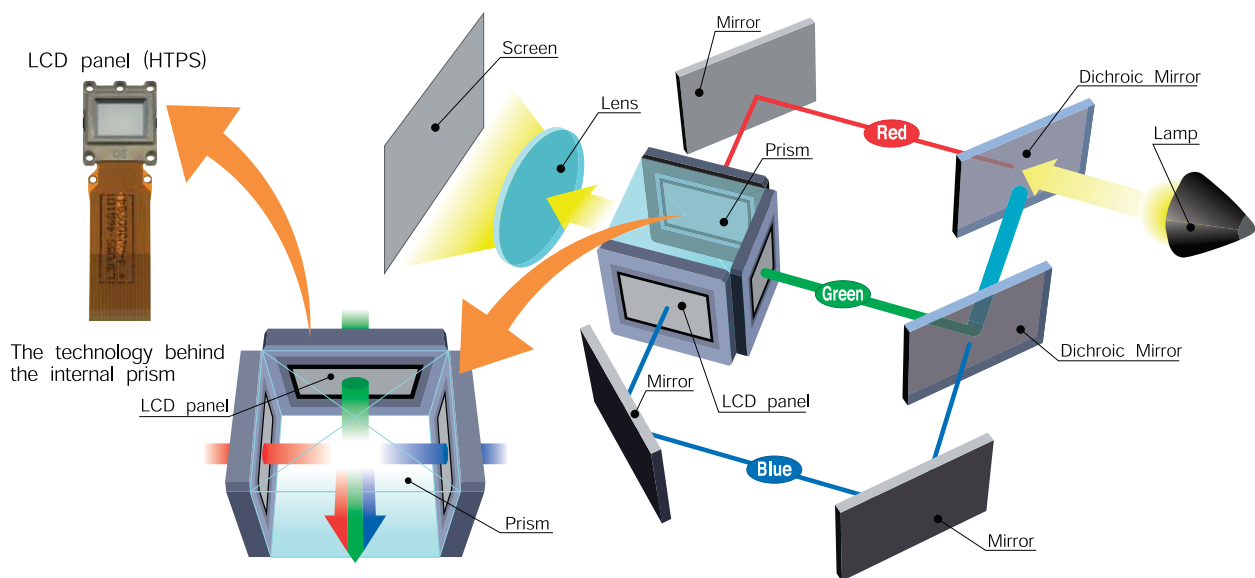## * Based on independent research by Futuresource Consulting

Advantages of 3LCD Projection System

### Bright Images and Faithful Colour Reproduction

3LCD projectors offer all-time colour (Red, Green and Blue) projection thereby ensuring faithful full colour reproduction. This is suitable for projection of colour intensive images such as videos, photographs and colour charts.

Incredible Details

3LCD projectors are able to produce an unparalleled range of grayscale images, which contributes to delivering incredible colour images that are smooth and seamless.

LCD panel (HTPS)

The technology behind the internal prism

LCD panel

Prism

Screen

Lens

Prism

Red

Green

Blue

Mirror

Mirror

Mirror

LCD panel

Dichroic Mirror

Dichroic Mirror

Lamp

3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.
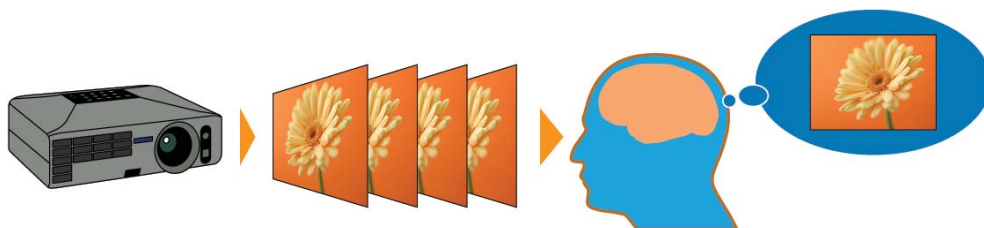
** HTPS (High Temperature Poly-Silicon) is an active matrix transmissive LCD. It is extremely small and produces high-quality images.

Gentle on the Eyes

3LCD projectors' images do not suffer from colour break-up (commonly known as the rainbow effect). The projections are easy on the eyes as you will not be affected by any distorted pattern.

3LCD projectors use 3 separate LCD panels to form a continuous image containing all colours (red, blue and green) ensuring smooth video playback, even for rapid-motion images.

Reliable Technology

With more than 70 million 3LCD chips shipped to date, the powerful and road-tested 3LCD projection technology is extremely reliable, and is trusted by many throughout to deliver sharp and true-to-life images.

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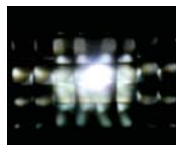
POOR IMAGE QUALITY
Counterfeit lamps may result in inaccurate colour projection, lower brightness levels, as well as flickering images that spoil your viewing experience.

www.epson.com.sg/projectorlamp

SPECIFICATIONS
EB-U32/U04/W31/W04

EPSON
EXCEED YOUR VISION

MODEL NUMBER		EB-U32	EB-U04	EB-W31	EB-W04
Projection Technology		RGB liquid crystal shutter projection system			
Specifications of Main Parts					
LCD	Size	0.67" (D10, C²fine)		0.59" (D9, C²fine)	
	Native Resolution	WUXGA		WXGA	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)			
	F-Number	1.50 - 1.71		1.58 - 1.72	
	Focal Length	20.42 - 24.50 mm		16.9 - 20.28 mm	
	Zoom Ratio	1 - 1.2			
	Throw Ratio	1.38 - 1.68 (Wide - Tele)		1.30 - 1.56 (Wide - Tele)	
Lamp	Type	200W UHE			
	Life (Normal / Eco)*1	5,000 hours / 10,000 hours			
Screen Size (Projected Distance)					
Zoom: Wide		30" - 300" [0.87 - 9.02 m]		33" - 320" [0.9 - 9.0 m]	
Zoom: Tele		30" - 300" [1.07 - 10.98 m]		33" - 320" [1.08 - 10.8 m]	
Standard Size		60" screen 1.8 - 2.17 m		60" screen 1.68 - 2.02 m	
Brightness*2					
White Light Output (Normal / Eco)		3,200lm / 2,240lm	3,000lm / 2,100lm	3,200lm / 2,240lm	3,000lm / 2,100lm
Colour Light Output		3,200lm	3,000lm	3,200lm	3,000lm
Contrast Ratio		15,000:1			
Internal Speaker(s)					
Sound Output		2W Monaural			1W Monaural
Geometric Correction					
Keystone	Vertical / Horizontal	±30° / ±30°			
Auto Keystone Correction		Yes (Vertical only)			
Horizontal Slide Keystone Correction		Yes			
Quick Corner		Yes			
Connectivity					
Analog Input	D-Sub 15pin	1 (Blue molding)			
	Composite	RCA x 1 (Yellow)			
	S-Video	N/A		1	
Digital Input	HDMI	2 (1 supports MHL)		1 (MHL supported)	1 (MHL not supported)
Audio Input	2 RCA (White / Red)	1			
USB Interface	USB Type A	1 (for USB Memory, Document Camera, Firmware Update)	1 (for USB Memory, Document Camera, Wireless LAN, Firmware Update)		
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update)			
Network	Wireless	Built in	Optional (ELPAP10)		
Wireless Specifications					
Supported Speed For Each Mode*3		IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, EEE 802.11n: 130 Mbps			
Wireless LAN Security		WPA-PSK/WPA2-PSK (TKIP/AES), WPA2-PSK(AES)	WPA-PSK/WPA2-PSK(TKIP/AES), WPA2-PSK(AES) (Optional Wireless LAN Unit use)		
Supported Connection Mode		Infrastructure, Access Point			
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 6 seconds, Warm-up Period: 30 seconds			
Cool Down Period		Instant Off			
Air Filter					
Maintenance Cycle		5,000 hours / 10,000 hours (Power consumption: Normal / Eco) *4			
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)					
Lamp On (Normal / Eco)		277W / 207W			
Standby (Network On / Off)		2.4W / 0.26W			
Dimension Excluding Feet (D X W X H)		244 x 297 x 77 mm		234 x 297 x 77 mm	
Weight		2.6kg		2.4kg	
Fan Noise (Normal / Eco)		37dB / 28dB			

Supplied Accessories
Power Cable: 1.8m
Computer Cable (VGA Cable): 1.8m
USB Cable (Type A/B): 1.8m (EB-U32, EB-W31)
Remote Control: Yes, with Alkaline AA Battery x 2
Soft Carrying Case

Optional Accessories
Spare Lamp: ELPLP88
Air Filter: ELPAF32
Wireless LAN: ELPAP10 (EB-U04, EB-W31, EB-W04)
Quick Wireless Connection USB Key: ELPAP09
Ceiling Mount (White Colour): ELPMB23

EB-U32 / U04

EB-W31 / W04

Information correct as at July 2015

*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.

SPECIFICATIONS
EB-X36/X31/X04/S31/S04

EPSON
EXCEED YOUR VISION

MODEL NUMBER		EB-X36	EB-X31	EB-X04	EB-S31	EB-S04
Projection Technology		RGB liquid crystal shutter projection system				
Specifications of Main Parts						
LCD	Size	0.63" (D7)	0.55" (D9, C²fine)	0.55" (D8)	0.55" (D7)	
Native Resolution		XGA			SVGA	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)			No Optical Zoom / Focus (Manual)	
	F-Number	1.6 -1.74	1.58 - 1.72		1.44	
	Focal Length	18.4 - 22.08 mm	16.9 - 20.28 mm		16.7mm	
	Zoom Ratio	1 - 1.2			1.0 - 1.35 (Digital Zoom)	
	Throw Ratio	1.40 - 1.68 (Wide - Tele)	1.48 - 1.77 (Wide - Tele)		1.45 - 1.96 (Wide - Tele)	
Lamp	Type	200W UHE				
	Life (Normal / Eco)*1	5,000 hours / 10,000 hours				
Screen Size (Projected Distance)						
Zoom: Wide		30" - 300" [0.84 - 8.66 m]	30" - 300" [0.9 - 9.0 m]		30" - 350" [0.88 - 10.44 m]	
Zoom: Tele		30" - 300" [1.01 - 10.42 m]	30" - 300" [1.08 - 10.8 m]		23" - 260" [0.88 - 10.44 m]	
Standard Size		60" screen 1.71 - 2.16 m	60" screen 1.8 - 2.17 m		60" screen 1.77 - 2.4 m	
Brightness*2						
White Light Output (Normal / Eco)		3,600lm / 2,520lm	3,200lm / 2,240lm	2,800lm / 1,960lm	3,200lm / 2,240lm	3,000lm / 2,100lm
Colour Light Output		3,600lm	3,200lm	2,800lm	3,200lm	3,000lm
Contrast Ratio		15,000:1				
Internal Speaker(s)						
Sound Output		2W Monaural		1W Monaural	2W Monaural	1W Monaural
Geometric Correction						
Keystone	Vertical / Horizontal	±30° / ±30°				
Auto Keystone Correction		Yes (Vertical only)				
Horizontal Slide Keystone Correction		Yes				
Quick Corner		Yes				
Connectivity						
Analog Input	D-Sub 15pin	1 (Blue molding)				
	Composite	RCA x 1 (Yellow)				
	S-Video	1				
Digital Input	HDMI	1 (MHL not supported)				
Audio Input	2 RCA (White / Red)	1				
USB Interface	USB Type A	1 (for USB Memory, Document Camera, Wireless LAN, Firmware Update)				
	USB Type B	1 (for USB Display, Mouse, K/B, Control, Firmware Update)				
Network	Wireless	Optional (ELPAP10)				
Wireless Specifications						
Supported Speed For Each Mode*3		IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, EEE 802.11n: 130 Mbps				
Wireless LAN Security		WPA-PSK/WPA2-PSK(TKIP/AES), WPA2-PSK(AES) (Optional Wireless LAN Unit use)				
Supported Connection Mode		Infrastructure, Access Point				
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 6 seconds, Warm-up Period: 30 seconds				
Cool Down Period		Instant Off				
Air Filter						
Maintenance Cycle		5,000 hours / 10,000 hours (Power consumption: Normal / Eco) *4				
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz				
Power Consumption (220 - 240V)						
Lamp On (Normal / Eco)		277W / 207W				
Standby (Network On / Off)		2.4W / 0.26W				
Dimension Excluding Feet (D X W X H)		234 x 297 x 77 mm				
Weight		2.4kg				
Fan Noise (Normal / Eco)		37dB / 28dB				

*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.

Supplied Accessories

Power Cable: 1.8m

Computer Cable (VGA Cable): 1.8m

USB Cable (Type A/B): 1.8m (EB-X36, EB-X31, EB-S31)

Remote Control: Yes, with Alkaline AA Battery x 2

Soft Carrying Case

Optional Accessories

Spare Lamp: ELPLP88

Air Filter: ELPAF32

Wireless LAN: ELPAP10

Quick Wireless Connection USB Key: ELPAP09

Ceiling Mount (White Colour): ELPMB23

EB-X36 / X31 / X04 / S31 / S04

Information correct as at July 2015