

THE BRILLIANCE OF 3D AND FULL HD, UNLEASHED.



Experience the full potential of 3D and Full HD entertainment with Epson's home projectors equipped with 3LCD and C²Fine™ Technology. Be immersed in stunningly detailed and vibrant images with amazing contrast ratios of up to 600,000:1 for your movies and gaming experience. Playback from smartphones and mobile devices is made easy with the inclusion of Mobile High-Definition Link (MHL) connectivity.








EH-TW6100



EH-TW8200



EH-TW8200W
 (WirelessHD)

- 
 High
 Brightness
- 
 3D
 Glasses
- 
 1080p
- 
 2 x HDMI
- 
 Split Screen

Brilliant Picture Quality

Enjoy bright and vivid images with high Colour Brightness of up to 2,400lm and Lamp Boost Technology.

Superior Contrast

Get more out of 3D and Full HD images with up to 600,000:1 contrast ratio for deeper blacks and more translucent whites.

WirelessHD with MHL Connectivity

Play your various entertainment contents wirelessly and conveniently from mobile devices with our MHL-enabled WirelessHD transmitter.



Epson's 3LCD home projectors let you experience 3D and Full HD like never before with exceptional Colour Brightness and contrast ratios. With WirelessHD and MHL connectivity, you can enjoy seamlessly your entertainment content from almost any playback or mobile device, without the hassle of attaching unsightly cables.



Brilliant Picture Quality



Epson's home projectors with Lamp Boost Technology excel in delivering high Colour Brightness for a superior viewing experience. With 2,300 lumens for the EH-TW6100 and 2,400 lumens for the EH-TW8200/TW8200W, you enjoy bright colours and clear images on large screens, even with substantial ambient lighting.

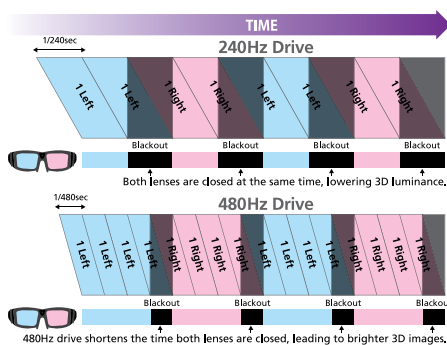


Less brightness with ambient light



Full HD 3D home projectors with ambient light

These 3D Full HD home projectors also have a high frame refresh rate of 480Hz that is twice as fast as other 3D projectors. This minimises the "blackout time" when 3D images are transitioning from frame to frame, giving you the smoothest 3D movie experience in the comfort of your home.



Superior Contrast



Epson's proprietary C²Fine™ (Crystal Clear Fine) Technology and inorganic LCD panels with Vertical Alignment (VA) technology allows for deeper blacks and translucent whites in 3D and Full HD images. The optical phase control technology minimises polarised light leakage and increases contrast ratio to deliver dramatically enhanced image definition and quality for a thrilling home cinema experience.

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Low contrast image



High contrast image

*Simulated image

EH-TW8200/TW8200W

WirelessHD with MHL Connectivity

WirelessHD transmitter includes an MHL-enabled port that allows you to play a variety of entertainment contents wirelessly and conveniently from mobile devices. Now you don't have to constantly insert and remove cables, and switching between the five inputs is made easy by using the remote control.



WirelessHD transmitter comes with 5 HDMI in ports with 1 MHL-enabled input, 1 HDMI Out, Optical Audio Out and USB port which can charge your RF 3D glasses.



The Pass Through Mode that comes with the Wireless HD transmitter lets you switch between viewing your 3D films on the television or the screen.



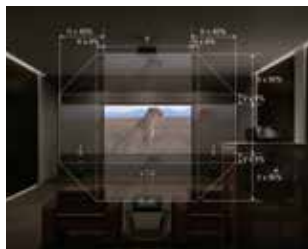
The Picture in Picture function lets you view a sub-picture on your screen and easily swaps it with the main picture or change the size and placement of sub-pictures on the screen.

Reduce Motion Blur in 2D and 3D

Now, you can enjoy clearer, sharper playback with Epson's Frame Interpolation Technology. This feature effectively suppresses blurring by inserting new frames between original ones to create smoother motion transition.



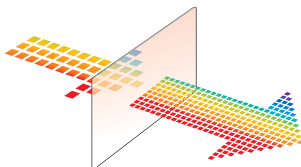
Flexible Installation with Optical Lens Shift



The wide lens shift range of EH-TW8200 and EH-TW8200W provide exceptional installation flexibility. A short focal length as little as 298cm is possible with a 100-inch screen. A broad shift range of 96% vertically and 47% horizontally with the optical lens shift function also keeps image deterioration low, allowing you to position your projector at any point in the room.

Cinema Filter

The Epson Cinema Filter extracts very pure hues of the three primary colours from the lamp light to produce a wide colour gamut, enabling unbeatable colour reproduction and quality while maintaining the high contrast ratios that are difficult to achieve with electronic colour-correction.



EH-TW6100

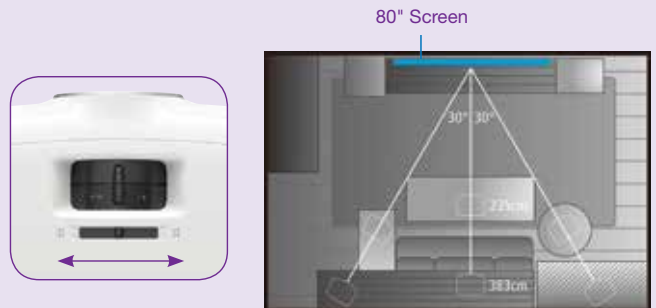
Achieve Optimised Colour Quality

The Auto Colour Optimiser (set to Auto Colour Mode) optimises and automatically adjusts brightness and colour to ambient light conditions. This achieves best-quality images for your movies without the need to totally darken the room.

Brightness	Usage Environment		Transition
	Images	Description	
300 - lx		Daylight viewing	
100 - 300 lx		Daylight viewing with ambient light	
30 - 100 lx		Night-time viewing with ambient light	
0 - 30 lx		Night-time viewing without any light	

Perfect Videos with Ease

The easy-to-use sliding Horizontal Keystone Button carries out screen corrections quickly, easily and accurately. The automatic vertical keystone detection and adjustment feature detects the projector vertical keystone distortion and corrects it instantly, eliminating time-consuming manual adjustments.



Lighter RF 3D Glasses

The perfect accompaniment for your home viewing experience, Radio Frequency 3D glasses allow greater seating flexibility of up to 10 metres radius from the projector. Maintenance is minimal as they can be used up to 40 hours with 50 minutes of charging.



**FULL HD
3D
GLASSES**

Flexible Conversion from 2D to 3D

These projectors feature a unique 2D to 3D conversion function with three levels of image depth. Simply select the screen size and adjust it to your preference, then sit back and be immersed in an engaging movie experience.



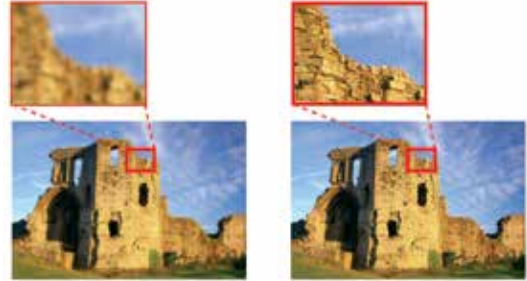
2D

3D

Super-Resolution in 2D and 3D[^]

Super-Resolution technology improves the resolution of images that become blurry in the enlargement process. DVDs too can be enjoyed with high, Full HD-like image quality. The low resolution parts (blurred sections) from Full HD images become smooth and sharp.

[^]Only for EH-TW8200/TW8200W



Without Super-resolution

With Super-resolution

Double the View with Split-Screen

The versatility of the split-screen feature enables dual display of your selected TV show, movies or games concurrently. Now, you will never miss an important scene again.



Sports

Movies

Manage Your Home Entertainment System with Ease

HDMI Link allows you to control the projector, AV amplifier and player at the same time with just a single remote control. The remote control also features a backlight for controlling the devices even in a dark room.



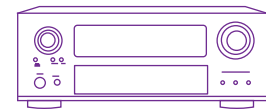
HDMI
connection



HDMI
connection



AV amplifier



Disc player, etc.



Compact Design for Easy Ventilation



These projectors are designed with the air intake and exhaust at the front so that you can easily install them even in narrow spaces. Place them on a bookshelf or close to walls without worrying about maintaining clearance for ventilation.

Eco Features

- Uses just 0.35W/0.39W 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 programme, visit <http://global.epson.com/SR/environment>.



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
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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**

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.

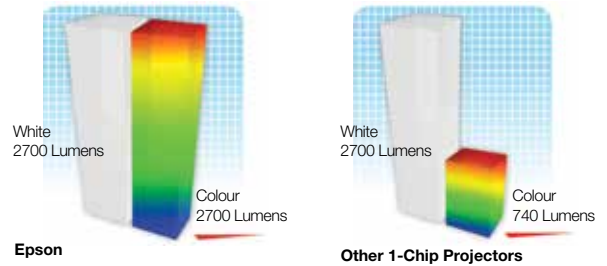
These are the measurements to look for:
Colour Brightness - Colour Light Output
White Brightness - White Light Output



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.



* 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

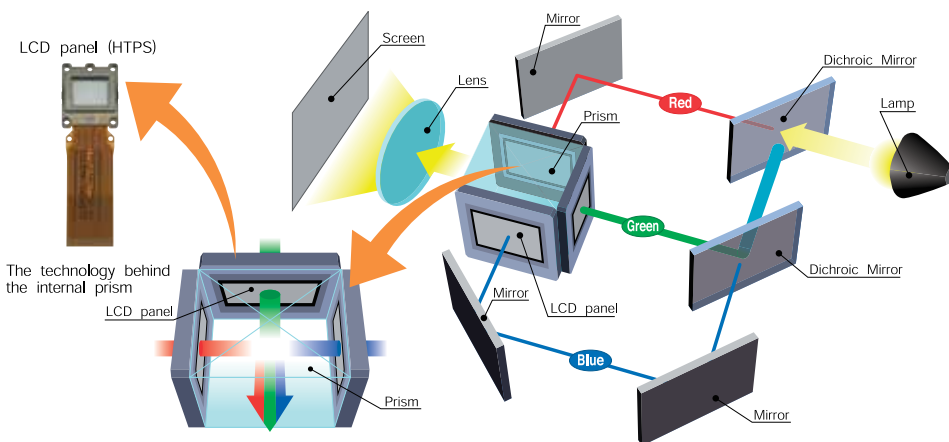
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

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.



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	EH-TW6100	EH-TW8200	EH-TW8200W
Projection Technology	RGB liquid crystal shutter projection system (3LCD)		
Specification of Main Parts			
LCD	Size	0.61" wide panel with MLA (D9, C ² Fine, 12 bit)	0.74" wide panel with MLA (D9, C ² Fine, 12 bit, OD)
	Native Resolution	1080p (1920 x 1080)	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)	
	F-Number	1.51 - 1.99	2.3 - 3.6
	Focal Length	18.2mm - 29.2mm	22.5mm - 47.2mm
	Zoom Ratio	1 - 1.6	1 - 2.1
	Throw Ratio	1.32 - 2.15 (Wide - Tele)	1.34 - 2.87 (Wide - Tele)
Lens Shift	Mode	N.A.	
	Vertical (Up/Down)	N.A.	
	Horizontal (Left/Right)	N.A.	
Lamp	Type	230W UHE	
	Life (Normal/Eco)*1	4,000 hours / 5,000 hours	
Screen Size (Projected Distance)			
Zoom Wide	30" to 300" [0.87 to 8.9m]	30" to 300" [0.87 to 9.03m]	
Zoom Tele	30" to 300" [1.42 to 14.5m]	30" to 300" [1.88 to 19.15m]	
Brightness*2			
White Light Output (Normal)	2,300lm	2,400lm	
Colour Light Output (Normal)	2,300lm	2,400lm	
Contrast Ratio			
Auto Iris: On	40,000:1	600,000:1	
Video Quality			
Interlace-Progressive conversion, 3D Y/C separation, Noise reduction			
480i / 576i / 480p / 576p / 720p / 1080i / 1080p			
NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM			
Colour Mode			
Auto, Dynamic, Living room, Natural, Cinema, 3D Dynamic, 3D Cinema		Dynamic, Living room, Natural, Cinema, 3D Dynamic, 3D Cinema	
Internal Speaker(s)			
Sound Output	10W x 2	N.A.	
Keystone Correction			
Vertical	±30°		
Horizontal	±30° (Slider Bar)	N.A.	
Auto Keystone Correction	Yes	N.A.	
Connectivity			
Analog Input	D-sub 15pin	1 (Blue)	
Video Input	Component	RCA x 3 (Red/Green/Blue)	
	Composite	RCA x 1 (Yellow)	
Digital Input	HDMI	2 (HDCP supported) DeepColour, CEC, 3D	
	HDMI (Wireless)	N.A.	Yes (1080p)
Audio Input	RCA (White/Red)	1	
	Others	USB Type A	N.A.
Control I/O	USB Type B	1 (USB Memory)	
	RS-232C	1 mini-USB (For service only)	
WirelessHD	Trigger-Out (12V)	N.A.	3.5mm mini-jack x 1
	Transmitter I/O	HDMI (Input)	N.A.
	HDMI (Output)	5 (MHL x 1)	
	Audio Output	1	
	USB-A	Optical Audio x 1	
		1 (3D Glasses Charging)	
Adjustment Functions			
Six Axis Colour Adjustment	Hue / Saturation / Brightness for each of RGBCMY are adjustable		
Frame Interpolation	N.A.	High / Normal / Low / Off (2D and 3D Modes)	
Super Resolution	0 / 1 / 2 / 3 / 4 / 5 (2D mode only)	0 / 1 / 2 / 3 / 4 / 5 (2D and 3D modes)	
Aspect Mode	Auto / Normal / Full / Zoom / Wide	Auto / Normal / Full / Zoom	
3D Features			
3D Display	On / Off		
2D - 3D Conversion	Off / Weak / Medium / Strong		
3D Format	Auto / Side by Side / Top & Bottom / 2D		
3D Depth	±10 The default value of 3D depth can be automatically set when a user enters the screen size.		
Operating Temperature			
Operating Altitude	5 °C to 35 °C <41 °F to 95 °F>		
Direct Power On/Off	0m to 2,286m <0ft to 7500ft>		
Start-Up Period	Yes / N.A.	23 seconds	
	Warm-up period: 30 seconds	20 seconds	
		Warm-up period: 30 seconds	
Cool Down Period	5 seconds	16 seconds	
Power Supply Voltage			
Power Consumption (220-240V)			
Lamp On (Normal/Eco)	358W / 274W	334W / 270W	
Standby (HDMI Link On/Off)	0.35W / 0.35W	0.39W / 0.39W	
Dimension Excluding Feet (W x H x D)			
Weight	420mm x 137.3mm x 365mm	466mm x 140mm x 395mm	
Fan Noise	6.0kg	8.4kg	
	24dB	22dB	

Supplied Accessories

- Power Cable : 3m, 3 Wire (Black)
- Remote Control : Compact Type
- Battery : Alkaline AA Battery x 2
- User's Manual Set
- Interface Cover (EH-TW8200W only)
- WirelessHD Transmitter (EH-TW8200W only)
- WirelessHD Transmitter Power Cable
- + AC Adapter (EH-TW8200W only)

Optional Accessories

- 3D Glasses (RF Type): ELPGS03
- 3D Glasses Charger: ELPAC01
- Spare Lamp : LPLP68 (EH-TW6100 only)
ELPLP69 (EH-TW8200/TW8200W)
- Air Filter : ELPAF38 (EH-TW6100 only)
ELPAF39 (EH-TW8200/TW8200W)
- Cable Cover : ELPCC04W (White)
(EH-TW8200/TW8200W)
- Ceiling Mount : ELPMB22 (White)

EH-TW6100



EH-TW8200/EH-TW8200W



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