

FULL HD 3D HOME PROJECTOR
EH-TW6000 / EH-TW8000

EPSON
EXCEED YOUR VISION

LARGER THAN LIFE BRILLIANCE

WORLD'S BRIGHTEST FULL HD 3D PROJECTORS⁺



Epson EH-TW8000

Epson EH-TW6000

Bring your favourite 3D movies to life with Epson's breakthrough in 3LCD and C²Fine Technology that deliver brilliant, colourful and realistic images in a wide-screen splendour! Experience a night at the 3D theatre any time without having to leave home.

- **Experience Vibrant-colour, Big Screen-quality 3D Movies**
Brightest colour output in 3D produces true-to-life reproductions that will turn your movie nights into an extraordinary theatre experience
- **Enjoy Flexibility of Installation***
A wide lens shift range allows you to position the projector anywhere in the room
- **Enhance home entertainment experience with reduced motion blur***
With Epson's Frame Interpolation Technology, smoother, sharper playback is made possible - making movie viewing more enjoyable

* For EH-TW8000 model only



WORLD'S
No. 1
PROJECTORS
10 Years Running
2001-2010

Source: Futuresource Consulting

⁺ Based on internal luminance test comparisons against competing projectors.



Bring your favourite 3D movies to life with Epson's breakthrough in 3LCD and C²Fine Technology that deliver brilliant, colourful and realistic images in a wide-screen splendour! Experience a night at the 3D theatre any time without having to leave home.

EXPERIENCE VIBRANT-COLOUR, BIG SCREEN-QUALITY 3D MOVIES

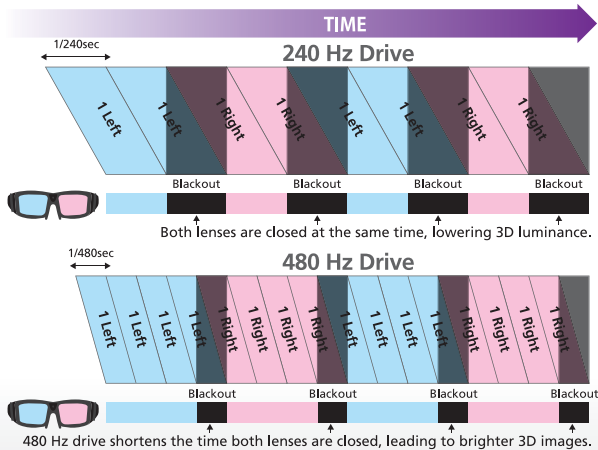
The World's Brightest 3D Movies Any Time



Epson EH-TW6000 and EH-TW8000 offer the world's brightest 3D images*. Additionally, Epson's 3D projectors have a high frame refresh rate of 480Hz that is twice as fast as other 3D projectors.

This minimises the "blackout time" of the projectors when 3D images are transitioning from frame to frame, giving you the brightest 3D movies in the comfort of your home.

* Based on internal luminance test comparisons against competing projectors



C²Fine Technology



With Epson's proprietary C²Fine™ (Crystal Clear Fine) Technology and inorganic LCD panels

with Vertical Alignment (VA) technology, this 3D projector series features high-contrast and flawless image quality for all your movies. 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.



Low contrast image

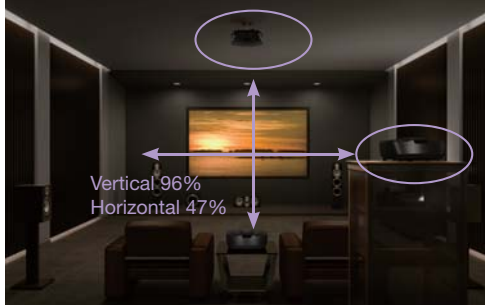


High contrast image

* Simulated image

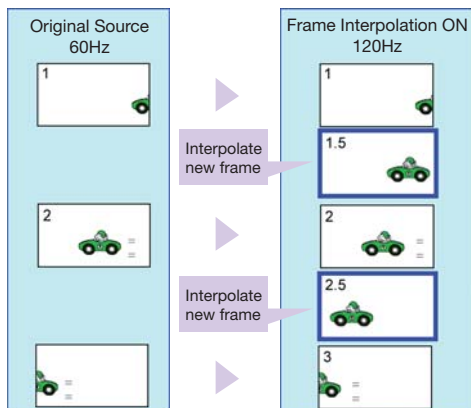
ENJOY FLEXIBILITY OF INSTALLATION

The wide lens shift range of EH-TW8000 provides exceptional installation flexibility, ensuring that projectors are always optically corrected to prevent image distortion and stretching, allowing you to position your projector at any point in the room.



ENHANCE HOME ENTERTAINMENT EXPERIENCE WITH REDUCED MOTION BLUR

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.



CONVERT 2D INTO 3D MOVIES

Now you can enjoy 3D movies using your existing 2D videos. This projector features a unique 2D-3D conversion function that adjusts image depth to three levels, offering you the ultimate 3D theatre experience without having to leave home.



2D



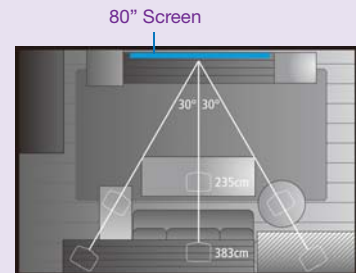
2D to 3D

Receive a pair of 3D glasses for every Epson EH-TW8000 purchased - for the ultimate 3D experience

REPRODUCE VIDEOS FROM ANYWHERE IN THE ROOM

With the first-ever, easy-to-use horizontal keystone slider, screen corrections can be done quickly, easily and accurately, for both beginners and experienced users.

And with automatic vertical keystone detection and adjustment, there is no longer any need for awkward and time-consuming manual adjustments that interrupt the smooth flow of your viewing. This handy feature automatically detects the projector's vertical angle and adjusts the vertical keystone distortion instantly.



ACHIEVE OPTIMISED COLOUR QUALITY

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.

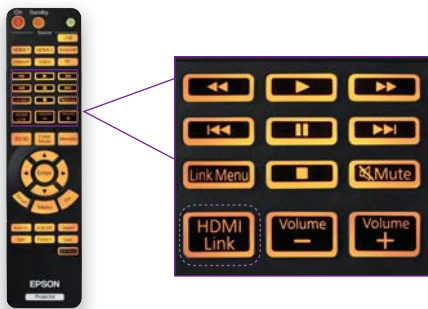
Brightness	Usage Environment		Transition
	Images	Description	
300 - lx		Daylight viewing	
100 - 300 lx		Daylight viewing with ambient light	
30 - 100 lx		Night-time viewing with ambient light	
0 - 30 lx		Night-time viewing without any light	

DELIVER PC-LESS SLIDESHOWS INSTANTLY

Share priceless memories with friends in the comfort of your home. Now, without connecting to a PC, you can enjoy slideshow presentations of images stored on a flash drive on a big screen any time.



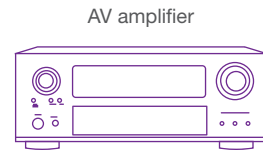
MANAGE YOUR HOME ENTERTAINMENT SYSTEM WITH EASE



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.



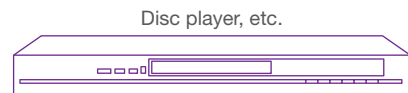
HDMI connection



AV amplifier



HDMI connection



Disc player, etc.

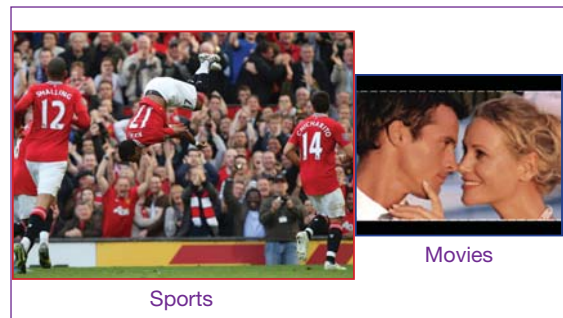
NO VENTILATION CLEARANCE REQUIRED

Air intake and exhaust at the front of the projector means you can install it even in narrow spaces. Place the projector on a bookshelf or close to walls without worrying about maintaining clearance for ventilation.



VIEW YOUR FAVOURITE VIDEOS SIMULTANEOUSLY

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



SUPER BRIGHT PROJECTION LIGHT



Equipped with a small, highly luminescent and long-lasting E-TORL lamp, these projectors throw out an impressive 2,200/2,400 ANSI lumens. Now you can enjoy bright, clear images on large screens even with substantial ambient lighting.



Eco Features

- Equipped with an E-TORL lamp engineered to maximise light usage and power efficiency
- Uses just 0.35W/0.37W 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 www.epson.com/environment

Epson Revolutionises Projector Market with 3LCD Technology and Leads as World's No.1* Projector Brand for 10 Consecutive Years!

* Based on independent research by Futuresource Consulting

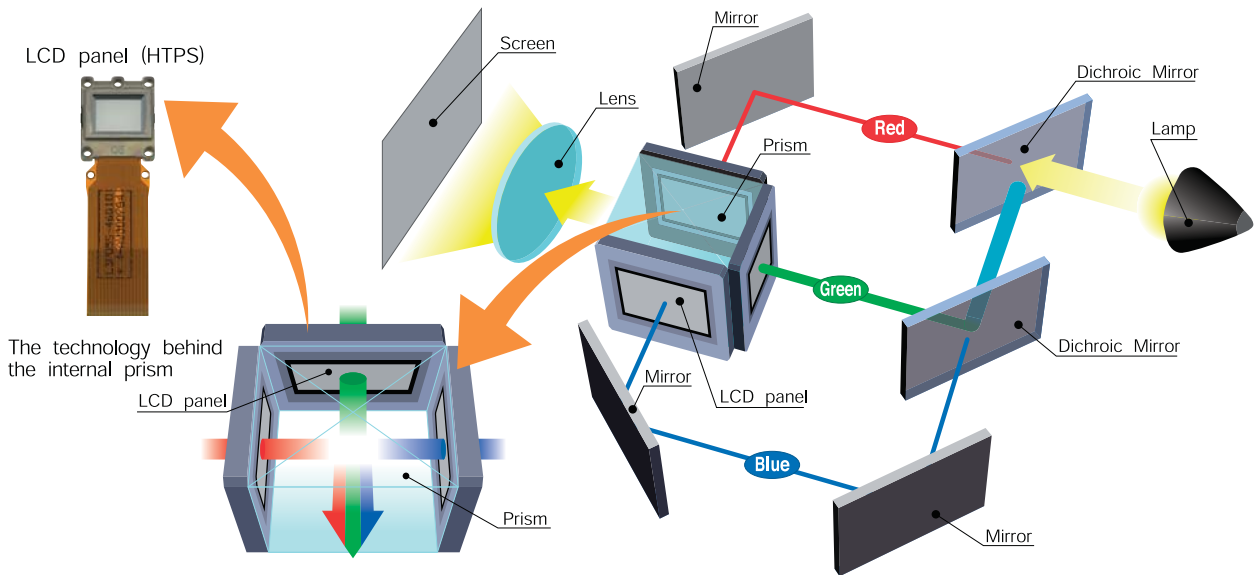
Advantages of 3LCD Projection System

Bright Images and Faithful Colour Reproduction

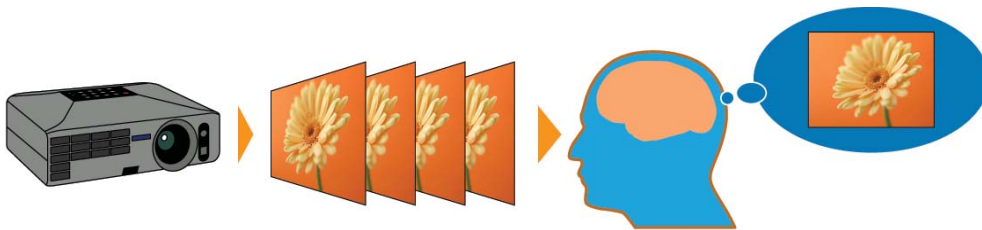
3LCD projectors offer all-time colour (Red, Green and Blue) projection thereby ensuring faithful full colour reproduction. This is suitable for projection of colour intensive images such as videos, photographs and colour charts.

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.



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.

Colour Light Output

- an easy way to evaluate projector colour output

What is Colour Light Output?

Colour Light Output (CLO) is a specification that provides critical information on a projector's ability to deliver colour. Developed by colour scientists using the same approach as White Light Output (Brightness) measurement, Colour Light Output provides the buyer with additional key information about colour.

Does Brightness measure colour?

No. Current product specifications such as Brightness (or White Light Output), Contrast Ratio and Resolution give no information regarding a projector's ability to reproduce colour. The existing Brightness specification only measures the total amount of White Light projected. It does not measure colour – in fact, many manufacturers artificially boost brightness by adding white light, which dilutes the projector's colour brightness.

Why is Colour Light Output important?

Colour Light Output is critically important because it measures the brightness of Red, Green and Blue. Red, Green and Blue create white when combined in the right proportions. They also comprise the input signal that tells your projector how to reproduce colour images. Beautifully balanced colour is possible when bright Red, Green and Blue combine to produce the brightness equal to White. Colour Light Output provides users with an additional way to evaluate a projector and make more discerning buying decisions.

Is Colour Light Output the same in all projectors?

No. There are vast differences in the Colour Light Output of projectors on the market today. Look at the images below from two competing projectors

3LCD Projector



Image #1*

Brand X



Image #1*



Image #2*



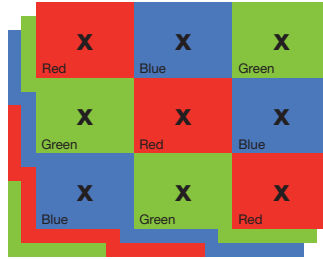
Image #2*

Colour Light Output specification describes the difference in colour between these two projectors.

How is Colour Light Output measured?

X	X	X
X	X	X
X	X	X

Brightness (or White Light Output) measures the total amount of white light projected in lumens on a nine point grid. It does not measure colour.



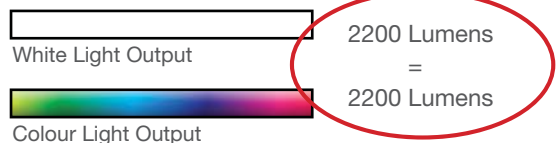
Colour Light Output uses 3 sets of a nine-point grid to measure the primary colours - red, green and blue, using the same approach used to measure White Light Output in lumens.

How should Colour Light Output be used?

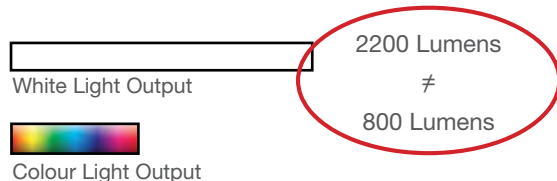
Colour Light Output should be used with White Light Output to provide insight into a projector's overall picture quality. Two things to remember:

1. Select High Colour Light Output.
2. Make sure the Colour Light Output equals the White Light Output.

3LCD Projector High CLO



Brand X Low CLO



When selecting a projector, ask for the Colour Light Output measurement.

* Actual photographs of images produced by 2 competing projectors run in default mode. Price, Resolution and Brightness (White Light Output) are the same for both projectors.



EH-TW6000

SPECIFICATIONS

SUPPLIED ACCESSORIES

Power Cable	3m, 3 Wire (Black)
Remote Control	Yes (Black) with battery attached
Cable Clamp / Lock	HDMI Clamp x 2
User's Manual Set	Attached

OPTIONAL ACCESSORIES

Spare Lamp	ELPLP68
Air Filter	ELPAF38 (1 sheet)
Ceiling Mount	ELPMB20 (White), ELPMB22 (White)
3D Glasses	ELPGS01
External 3D IR Emitter	ELPIE01

EH-TW6000

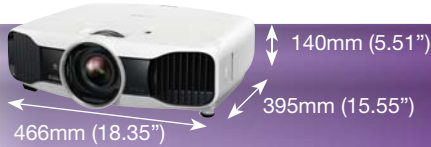


MODEL NUMBER		EH-TW6000
PROJECTION TECHNOLOGY		RGB liquid crystal shutter projection system (3LCD)
SPECIFICATION OF MAIN PARTS		
LCD	SIZE	0.61" wide panel with MLA (D9, C2Fine, 12bit)
	NATIVE RESOLUTION	1080p (1920 x 1080)
PROJECTION LENS	TYPE	Optical Zoom (Manual) / Focus (Manual)
	F-NUMBER	1.51 - 1.99
	FOCAL LENGTH	18.2mm - 29.2mm
	ZOOM RATIO	1 - 1.6
LAMP	THROW RATIO	1.32 - 2.15 (Wide - Tele)
	TYPE	230W UHE (E-TORL)
LAMP	LIFE (NORMAL/ECO)	4,000 hours / 5,000 hours
	SCREEN SIZE (PROJECTED DISTANCE)	
		30" - 300" [0.87m - 8.9m] (Zoom: Wide)
		30" - 300" [1.42m - 14.5m] (Zoom: Tele)
BRIGHTNESS		
COLOUR LIGHT OUTPUT (NORMAL)		2,200lm
WHITE LIGHT OUTPUT (NORMAL)		2,200lm
CONTRAST RATIO	AUTO IRIS: ON	40,000:1
VIDEO QUALITY		
Interlace-Progressive conversion, 3D Y/C separation, Noise reduction		
SUPPORTED VIDEO SIGNAL		
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		
INTERNAL SPEAKER(S)		
SOUND OUTPUT		Stereo: 10W x 2
KEystone CORRECTION		
VERTICAL		±30°
HORIZONTAL		±30° (Slider)
AUTO KEYSTONE CORRECTION		Yes (Vertical: ±30°)
CONNECTIVITY		
ANALOG RGB INPUT	D-SUB 15PIN	1 (Blue)
VIDEO INPUT	COMPONENT	RCA x 3 (Red / Green / Blue)
	COMPOSITE	RCA x 1 (Yellow)
	S-VIDEO	N/A
DIGITAL INPUT	HDMI	2 (support HDCP) DeepColour, CEC, 3D
AUDIO INPUT	RCA (WHITE/RED)	1 pair (in common with Analog RGB Audio terminal)
	STEREO MINI JACK	N/A
USB INPUT	USB TYPE A	1 (USB Memory)
	USB TYPE B	Mini Type (For Service only)
CONTROL I/O	RS-232C	D-Sub 9pin x 1
	TRIGGER-OUT (12V)	N/A
	EXTERNAL 3D IR	RJ45 x 1
ADJUSTMENT FUNCTIONS		
SIX AXIS COLOUR ADJUSTMENT		Hue / Saturation / Brightness for each of RGBCMY are adjustable
ASPECT RATIO		Auto / Normal / Full / Zoom / Wide (Auto aspect works only when PAL 576i comes in.)
OPERATING TEMPERATURE		
5°C - 35°C <41°F - 95°F>		
OPERATING ALTITUDE		
0m - 2286m <0ft - 7,500ft>		
DIRECT POWER ON/OFF		
Yes / N/A		
START-UP PERIOD		
21 seconds		
COOL-DOWN PERIOD		
5 seconds		
POWER SUPPLY VOLTAGE		
100V - 240V AC +/- 10%, 50Hz / 60Hz		
POWER CONSUMPTION (220V - 240V)		
LAMP ON (NORMAL/ECO)		358W / 274W
STANDBY (NETWORK ON/OFF)		6.3W / 0.35W
DIMENSIONS EXCLUDING FEET (D X W X H)		
365mm x 420mm x 137.3mm (14.37" x 16.53" x 5.4")		
WEIGHT		
Approx. 6.0kg / 13.2lbs		
FAN NOISE (ECO)		
24dB		

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EH-TW8000

SPECIFICATIONS

SUPPLIED ACCESSORIES

Power Cable	3m, 3 Wire (Black)
Remote Control	Yes (Black) with battery attached
Cable Clamp / Lock	HDMI Clamp x 2
User's Manual Set	Attached
3D Glasses	1

OPTIONAL ACCESSORIES

Spare Lamp	ELPLP69
Air Filter	ELPAF39 (1 sheet)
Cable Cover	ELPCC04W (White)
Ceiling Mount	ELPMB20 (White), ELPMB22 (White)
3D Glasses	ELPGS01
External 3D IR Emitter	ELPIE01

EH-TW8000



MODEL NUMBER		EH-TW8000
PROJECTION TECHNOLOGY		RGB liquid crystal shutter projection system (3LCD)
SPECIFICATION OF MAIN PARTS		
LCD		
SIZE		0.74" wide panel with MLA (D9, C2 Fine, 12bit, OD)
NATIVE RESOLUTION		1080p (1920 x 1080)
PROJECTION LENS		
TYPE		Optical Zoom (Manual) / Focus (Manual)
F-NUMBER		2.0 - 3.17
FOCAL LENGTH		22.5mm - 47.2mm
ZOOM RATIO		1 - 2.1
THROW RATIO		1.34 - 2.87 (Wide - Tele)
LENS SHIFT		MODE
		VERTICAL (UP/DOWN)
		-96.3% to +96.3% (H Center)
		HORIZONTAL (LEFT/RIGHT)
		-47.1% to +47.1% (V Center)
LAMP		
TYPE		230W UHE (E-TORL)
LIFE (NORMAL/ECO)		4,000 hours / 5,000 hours
SCREEN SIZE (PROJECTED DISTANCE)		30" - 300" [0.87m - 9.03m] (Zoom: Wide)
		30" - 300" [1.88m - 19.15m] (Zoom: Tele)
BRIGHTNESS		
COLOUR LIGHT OUTPUT (NORMAL)		2,400lm
WHITE LIGHT OUTPUT (NORMAL)		2,400lm
CONTRAST RATIO AUTO IRIS: ON		200,000:1
VIDEO QUALITY		
Interlace-Progressive conversion, 3D Y/C separation, Noise reduction etc.		
SUPPORTED VIDEO SIGNAL		
480i / 576i / 480p / 576p / 720p / 1080i / 1080p		
NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM		
COLOUR MODE		
Dynamic, Living Room, Natural, Cinema, 3D Dynamic, 3D Cinema		
KEystone CORRECTION		
VERTICAL		±30°
CONNECTIVITY		
ANALOG RGB INPUT	D-SUB 15PIN	1 (Blue)
VIDEO INPUT	COMPONENT	RCA x 3 (Red / Green / Blue)
	COMPOSITE	RCA x 1 (Yellow)
	S-VIDEO	N/A
DIGITAL INPUT	HDMI	2 (support HDCP) DeepColour, CEC, 3D
CONTROL I/O	RS-232C	D-Sub 9pin x 1
	TRIGGER-OUT (12V)	3.5mm Mini-Jack x 1
	EXTERNAL 3D IR	RJ45 x 1
ADJUSTMENT FUNCTIONS		
SIX AXIS COLOUR ADJUSTMENT		Hue / Saturation / Brightness for each of RGBCMY are adjustable
FRAME INTERPOLATION		High / Normal / Low / Off (2D Mode only)
SUPER RESOLUTION		0 / 1 / 2 / 3 / 4 / 5
ASPECT RATIO		Auto / Normal / Full / Zoom / Wide
OPERATING TEMPERATURE		
5°C - 35°C <41°F - 95°F>		
OPERATING ALTITUDE		
0m - 2,286m <0ft - 7,500ft>		
DIRECT POWER ON/OFF		
Yes / N/A		
START-UP PERIOD		
23 seconds		
COOL-DOWN PERIOD		
16 seconds		
POWER SUPPLY VOLTAGE		
100V - 240V AC +/- 10%, 50Hz / 60Hz		
POWER CONSUMPTION (220V - 240V)		
LAMP ON (NORMAL/ECO)		348W / 263W
STANDBY (NETWORK ON/OFF)		0.37W / 0.37W
DIMENSIONS EXCLUDING FEET (D X W X H)		
395mm x 466mm x 140mm (15.55" x 18.35" x 5.51")		
WEIGHT		
Approx. 8.3kg / 18.3lbs		
FAN NOISE (ECO)		
22dB		

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