# DEBUNKING THE MYTHS ABOUT HOME PROJECTORS

## MYTH 1

**A television is just as good as a projector.**

### TRUTH

It is much less stressful on your eyes from a projection screen than the television screen thanks to a weaker light reflection. Plus, you get to experience the same thrilling big-screen experience in the comfort of your own home.

VS — Up to 100"

TV — PROJECTOR

## MYTH 2

**Projectors and its maintenance are expensive.**

### TRUTH

Depending on your needs, you can choose between laser or lamp projectors, and before you know it, you have your money back from saving all those trips to the cinema with our wallet-friendly home projectors! Also, expensive lamps replacements are a thing of the past. With a laser light hours of up to 20,000 hours, you can indulge in a 5-hour movie marathon daily for 2.5 years before you need a lamp change!

**Laser Projector Has**

# 20000

**Maintenance Free Hours***

* For selected laser models only.

## MYTH 3

**Projector screens are too big to use in small homes.**

### TRUTH

You can easily adjust the screen size from 60-inches to more than 100-inches, placing our home projectors at a distance of 0.26m to 3m from the wall.

100"
60"
0.26m
3m

## MYTH 4

**I need a blank wall.**

### TRUTH

You could easily have a pull-down screen or a portable screen that can be kept away when it is not in use.

PORTABLE SCREEN

## MYTH 5

**A dark room is needed.**

### TRUTH

Dark or bright room, you can still enjoy the show with our range of home projectors thanks to its white and colour brightness of up to 4,000 lumens!
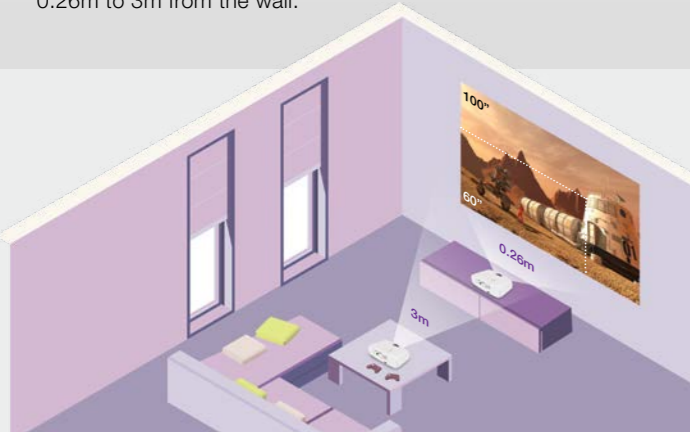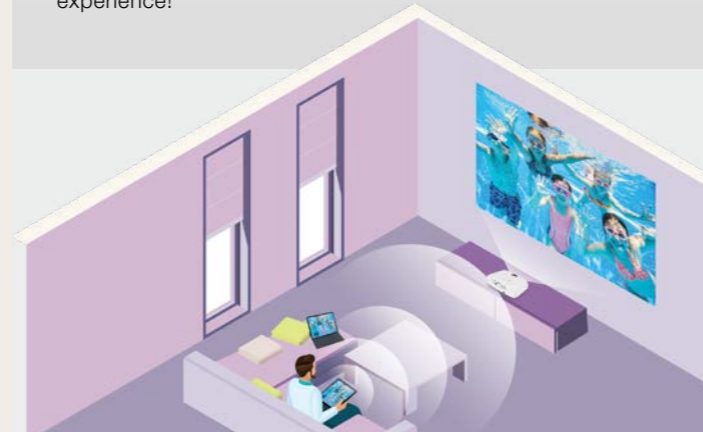
## MYTH 6

**Troublesome installation.**

### TRUTH

Set up anywhere in the room and connect Epson's home projectors to your smart devices to start that cinematic experience!

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## HOME THEATRE PROJECTORS
### EF-100 SERIES/EH-TW750
### EH-TW7000/LS500B/TW5650
### EH-TW7400/TW9400

**EPSON**
EXCEED YOUR VISION

# BRINGING THE DETAILS CLOSER TO YOU.

Want to host your own movie nights with family and friends? Simply connect your streaming devices to Epson home entertainment projectors and bring cinematic screenings right into your house. Thanks to the weaker light reflection from projectors as opposed to the conventional TV screens, your eyes are no longer feeling the strain even after a movie marathon!

EH-TW750 — EH-TW5650 — EF-100B — EF-100W

EH-TW7000 — EH-LS500B — EH-TW7400 — EH-TW9400

WORLD'S No.1 HOME PROJECTOR — 3LCD — 3D — 4K PRO-UHD — LASER LIGHT SOURCE
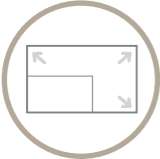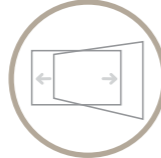
## IT'S IN THE DETAILS.

3LCD technology that delivers quality projected images and reliable performance.

* For selected models only. 4K Enhancement Technology shifts each pixel diagonally to double Full HD resolution. Resolution is Full HD in 3D Mode.

# Recreating the cinema right at home

Your perfect companion for that ultimate home entertainment experience.

| Flexible Screen Size | High Contrast Ratio | Laser Light Source[1] | 2D-to-3D Conversion[2] | High Dynamic Range (HDR)[3] |
| --- | --- | --- | --- | --- |

| Fast Mode | Built-in Speaker[4] | Horizontal Keystone Adjustment[5] | Out-of-the-box Setup | Versatile Connectivity |
| --- | --- | --- | --- | --- |
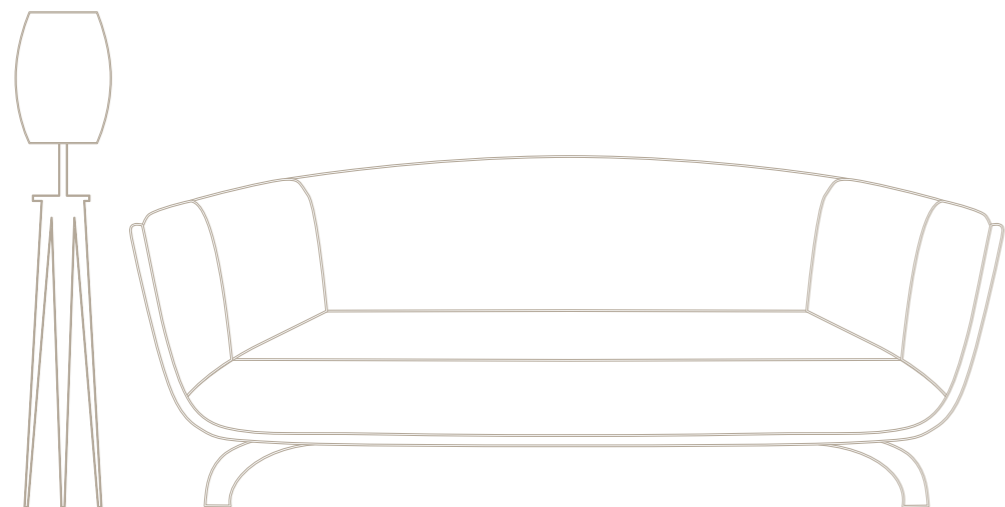
## High definition
### Stunning image quality

It is no longer an impossible feat to recreate that cinematic adventure in your own home with Epson's range of home entertainment projectors. Enjoy a truly captivating, detail-packed experience right from the comfort of your couch.

## Plug-and-play
### Smart projectors

Home entertainment more accessible now than ever. Simply plug any of your streaming devices to the projector via a multitude of connections including HDMI to begin.

## Truly flexible
### Project however wherever

Our stylish and compact home entertainment projectors are designed with the aim to blend in with the aesthetics of your room easily. With flexible screen sizes and keystone correction functions, you can now place the projector anywhere in your living room and still enjoy a perfect vivid projection.
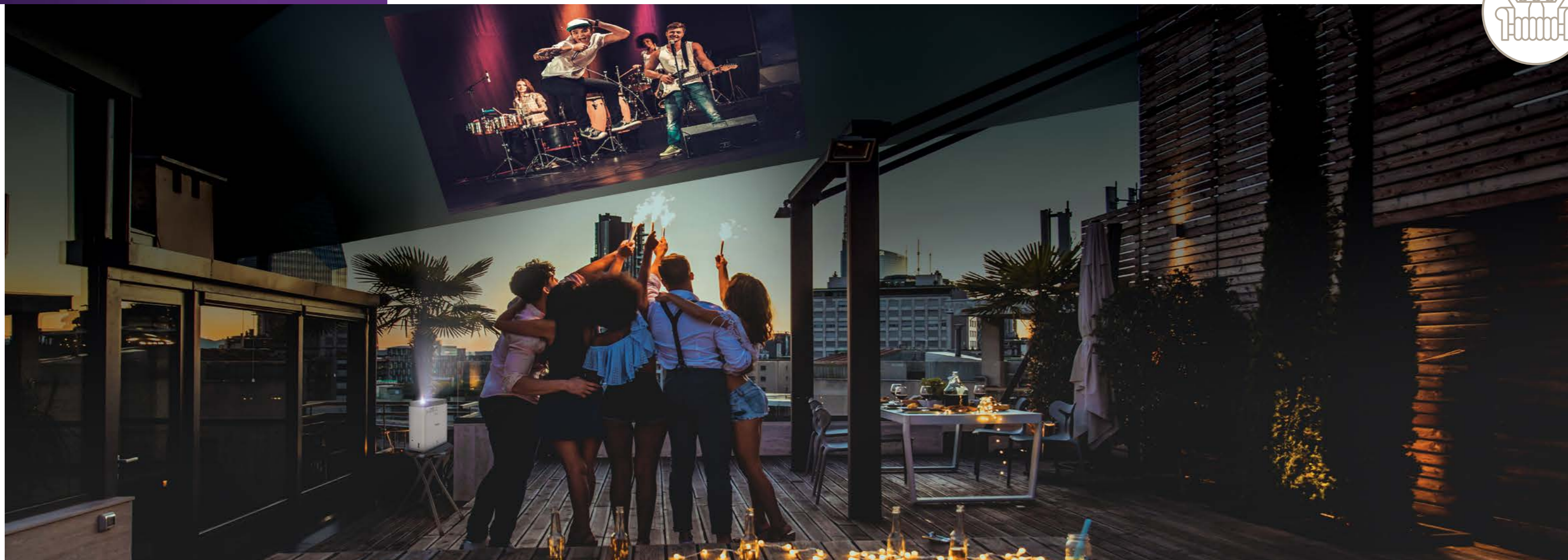
# Up close and personal
## on the actions

Bringing the actions closer to you with a bigger viewing screen, topped with high contrast images that bring forth a vivid viewing experience, you can now enjoy your favourite shows without compromising on its quality right in your living room.

EH-TW750 | EF-100W | EF-100B

### High contrast ratio

Feast your eyes on beautifully projected well-defined images and videos regardless of ambient light, all thanks to Epson's Auto Iris Technology, which provides optimum contrast and brightness for each scene.
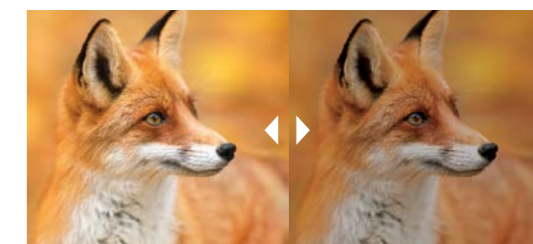
High contrast ratio          Low contrast ratio

### Fuss-free installation

A quick, fuss-free, and user-friendly installation process, you are just a few steps away from your next movie with Epson's home entertainment projectors. Thanks to the inbuilt horizontal and vertical keystone corrections, you can make use of the 360-degree installation and place the projector anywhere you want in the room. Now, are you ready to marvel at brilliant and vivid images right in the comfort of your house?

### Entertainment on-the-go

Gone are the days where you have to specifically clear up space to fit your home projectors! You can now carry these compact projectors from room to room, connect them with Miracast on your smart devices, and revel in the exhilarating theatre experience anywhere you are.

Flexible placement

LASER LIGHT SOURCE

LASER LIGHT SOURCE

# Stunning match
## for your living room

With fuss-free installation and the ability to project from anywhere, it is time to ditch the TV for Epson's range of chic living room projectors and take your viewing to the next level.

EH-TW5650 | EH-LS500B | EH-TW7000

## Lens shift & 1.6 zoom lens[1]

You can now enjoy a wide range of placement possibilities with Epson's living room projectors thanks to the broad vertical shift and its in-built 1.6x zoom lens. Be ready to marvel at the screen size of 100-inch[2] at your next movie night!

## Laser TV experience

Filtering light by 90% using the using Epson's own Ambient Light Rejection screen[3], you can now relish in a 100-inch Laser TV-like viewing experience in both a well-lighted and a darker room environment.

## Minimal space required

Have the flexibility to place your Epson's EH-LS500B's ultra-short-throw projector right below the screen, giving you a bigger image in a smaller space, and eliminating the need to mount it on the ceiling or a tabletop. Now, you can relish in the highly immersive viewing experience without worrying about shadows or disruptions.

100"

478 cm    295 cm

EH-TW7000 standard projected screen size.

Lens Shift & 1.6x Zoom Lens

Cut the ambient light especially from overhead

Reflect the light from UST projection light
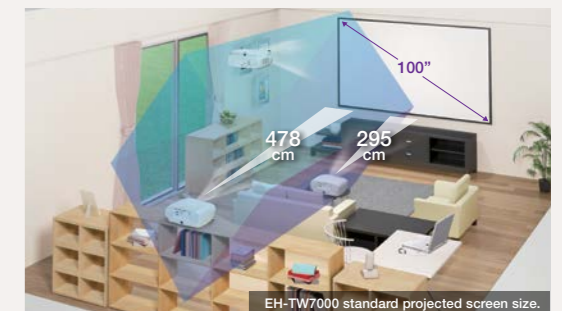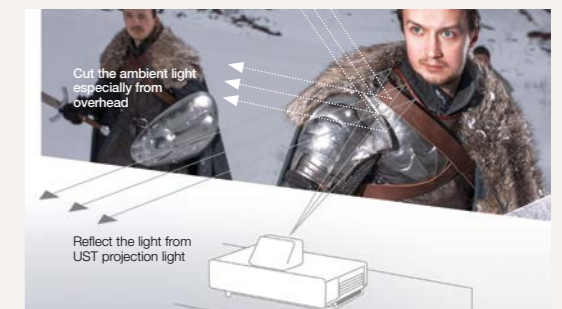
Epson Ambient Light Rejecting Screen

[1] For EH-TW5650 and EH-TW7000 only.  [2] Projected screen size for EH-LS500B is up to 130", EH-TW5650 is up to 300" and EH-TW7000 is up to 500".
[3] Ambient Light Rejection (ALR) screen only works on ultra-short throw projectors (EH-LS500B).

# Dynamic realism
## in every scene

Be it for bingeing on dramas, hosting a movie night, gaming with friends, or watching fast-paced sporting events, images are sure to pop off the screen with our state-of-the-art projectors. Every director wishes their home viewers own a projector as good as Epson's very own range of home theatre projectors.

3D 4K PRO-UHD    3D 4K PRO-UHD

EH-TW7400  |  EH-TW9400

### 4K PRO-UHD technology

Surpassing Full HD image quality and giving you exceptional sharpness, clarity, and detail in every image projected, the 4K PRO-UHD technology works by shifting each pixel diagonally by 0.5 pixels, doubling the resolution to 3840 x 2160 and bringing you double that enjoyment.

### Enhanced HDR function

Marvel in more vibrant, impactful, and sharper images with the enhanced High Dynamic Range (HDR) function. With the wider HDR10 parameter range and 18Gbps support, you can now adjust the brightness and gradation of projected images with greater detail and accuracy.

### Features orientated

Epson knows what you want in your home theatre projectors. Pick and customise your viewing experience with a range of features ranging from 3D capabilities, Picture-in-Picture (PiP)**, to Image Enhancement such as Frame Interpolation, Details Enhancement, 4K Enhancement, and Cinema Filter.

4K PRO-UHD
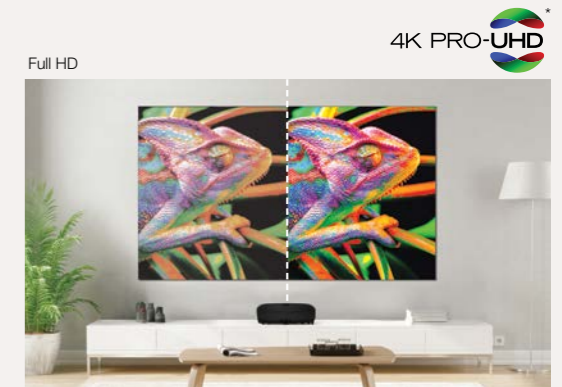
Full HD

Picture-inPicture (PiP) function.

* 4K Enhancement Technology shifts each pixel diagonally to double Full HD resolution. Resolution is Full HD in 3D Mode. ** For EH-TW7400 only.

## Wide-range connectivity  *Except EF-100 Series*

Home entertainment is now made more accessible than ever! Epson's own range of projectors allows integrated support for multiple connection methods including HDMI connection to suit a wide range of entertainment devices.

| Smart Device | Computer | Game | Video/DVD | Miracast | Camera | Bluetooth Speaker |
|---|---|---|---|---|---|---|
| | | | | | | (For selected models only) |

## Compact design for easy ventilation  *Except EH-TW750 and EH-TW5650*

The sleek and compact designs of Epson's home entertainment projectors allow you to easily install them even in the narrowest of spaces. With air intake valves positioned at the front, you will no longer have to worry about ventilation.

| EF-100B/W | EH-TW7000 | EH-LS500B | EH-TW7400 | EH-TW9400 |
|---|---|---|---|---|

➤ Air intake
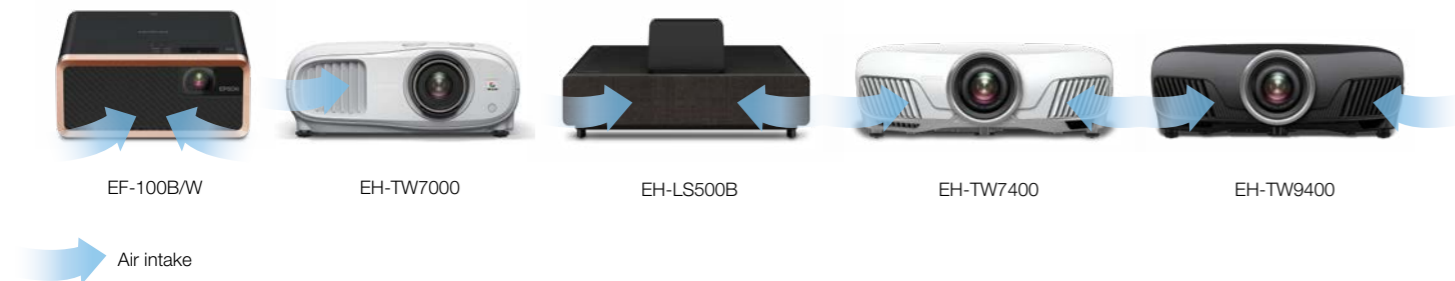
## Wireless transmission  *Except EF-100 Series*

Projecting high contrast, vivid images smoothly is made convenient with the wireless transmission feature in our projectors. With the optional Wi-Fi adaptor and the iProjection app, you can now project images directly from Android and Apple iOS smart devices, PCs and even laptops.

Wi-Fi adaptor

iProjection app

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# EPSON
## EXCEED YOUR VISION
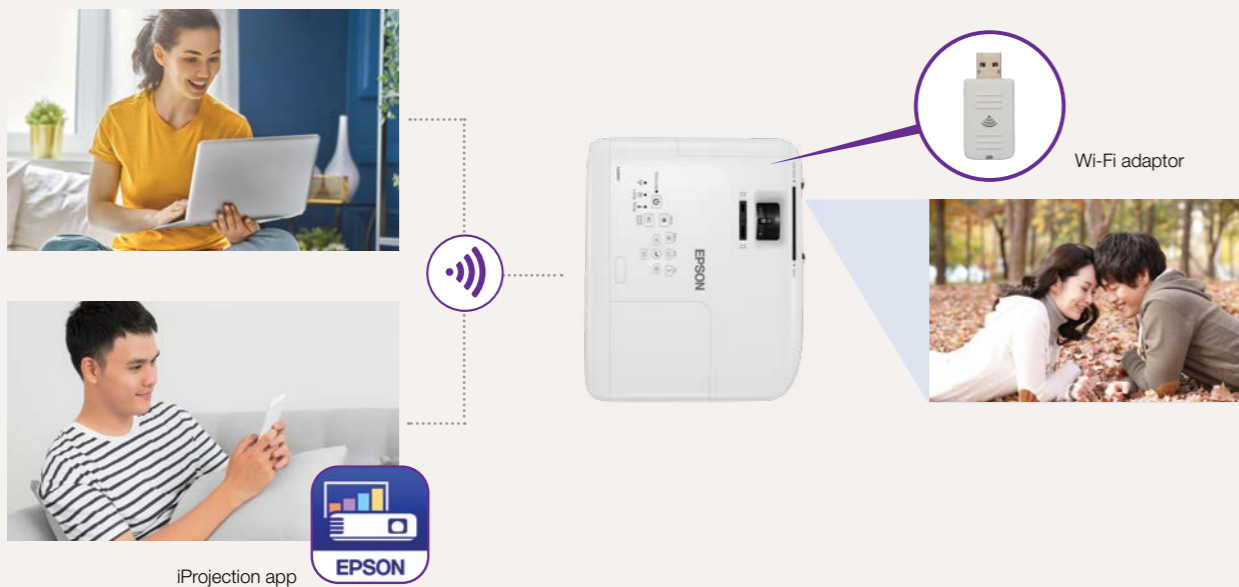
# PROJECTOR WISHES COME TRUE.

**TRUE COLOURS**
Brighter, vivid projection from Epson.

**9 out of 10 PEOPLE PREFER IMAGES FROM EPSON PROJECTORS***

| EPSON 3LCD PROJECTORS | 1-CHIP PROJECTORS |
|---|---|

Up to **3x** Brighter Colours with Epson® Projectors[1]

**TRUE BRIGHTNESS**

| WHITE 3000 LUMENS | WHITE 3000 LUMENS |
|---|---|
| COLOUR 3000 LUMENS | COLOUR 430 LUMENS** |
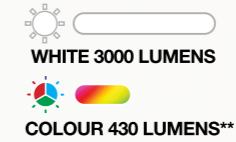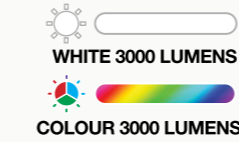
**NO RAINBOW EFFECT**

**TRUE COMFORT**

| LIGHT SOURCE ⇒ PRISM | LIGHT SOURCE ⇒ ROTATING COLOUR WHEEL |
|---|---|

UP TO **3X WIDER COLOUR GAMUT**[2] Epson Projectors

**TRUE REALISM**

| WIDER COLOUR RANGE | SMALLER COLOUR RANGE |
|---|---|

**3LCD**

**WORLD'S NO.1 PROJECTORS** 18 YEARS RUNNING 2001 - 2019

f EpsonSEA    ⊙ EpsonSEA    ⌄ EpsonSEA    ▶ YouTube EpsonSoutheastAsia    in Epson Southeast Asia

Find out more at **www.epson.com.sg/truecolours**

**IT'S IN THE DETAILS.**
With 3LCD panels, every projection gives you spectacular true colours.

| MODEL NUMBER | | EF-100B/W | EH-TW750 |
|---|---|---|---|
| Projection Technology | | RGB liquid crystal shutter projection system | |
| **Specification of Main Parts** | | | |
| LCD | Size | 0.59" (C² Fine) | 0.61" wide panel (C² Fine) |
| | Native Resolution | WXGA | 1080p |
| Projection Lens | Type | No Optical Zoom / Focus (Manual) | Optical Zoom (Manual) / Focus (Manual) |
| | F-Number | 1.58 | 1.58 – 1.7 |
| | Focal Length | 13.53 mm | 14.06 – 16.82 mm |
| | Zoom Ratio | 1 – 1.35 (Digital Zoom) | 1 – 1.20 |
| | Throw Ratio | 1.04 – 1.4 (Wide – Tele) | 1.02 – 1.23 (Wide – Tele) |
| Lightsource | Type | Laser Diode | Lamp: 210W UHE |
| | Lamp Life*1 | Normal: 12,000 / Extended: 20,000 hours | High: 6,000 / Eco: 12,000 hours |
| **Screen Size (Projected Distance)** | | | |
| Zoom: Wide | | 30" to 150" [0.65 to 3.41 m] | 30" – 300" [0.67 to 6.86 m |
| Zoom: Tele | | 22" to 111" [0.65 to 3.41 m] | 30" – 300" [0.81 to 8.28 m] |
| Standard Size | | 60" screen 1.34 to 1.81 m | 60" screen 1.35 to 1.64 m |
| **Brightness*2** | | | |
| Colour Light Output | | 2,000 lm | 3400 lm |
| White Light Output (Normal / Eco) | | 2,000 lm / 1,000 lm | 3400 lm / 2,200 lm |
| Contrast Ratio | | Over 2,500,000:1 | 16,000:1 |
| **Internal Speaker(s)** | | | |
| Sound Output | | 5W Monoaural (with enclosure) | 2 W Mono x 1 |
| **Geometric Correction** | | | |
| Keystone | Vertical | ±45° | ±30° |
| | Horizontal | ±40° | ±30° |
| Quick Corner | | Yes | |
| **Connectivity** | | | |
| Analog Input | D-Sub 15pin | N/A | 1 (Blue) |
| | Composite | N/A | RCA x 1 (Yellow) |
| Digital Input | HDMI | 1 | 2 |
| Audio In | | N/A | RCA White x1, Red x1 |
| Audio Out | | Stereo Mini Jack x 1 | |
| USB Interface | USB Type A | 1 (for 2A Power Supply, Firmware Update and Copy OSD Setting) | 1 (for Wireless LAN, Firmware Update, Copy OSD Settings) |
| | USB Type B | 1 (for Firmware Update, Copy OSD Settings) | |
| Network | Wired LAN | N/A | N/A |
| | Wireless | N/A | Built-In |
| **Wireless Specifications (Wireless LAN)** | | | |
| Supported Speed For Each Mode | | N/A | IEEE 802.11b (2.4GHz): 11 Mbps*3 |
| | | | IEEE 802.11g (2.4GHz): 54 Mbps*3 |
| | | | IEEE 802.11n (2.4GHz): 72.2 Mbps*3 |
| | | | IEEE 802.11a (5GHz): 54 Mbps*3 |
| | | | IEEE 802.11n (5GHz): 150 Mbps*3 |
| Supported Connection Mode | | N/A | Infrastructure, Access Point |
| Wireless LAN Security | | N/A | Infrastructure: OPEN |
| | | | WPA2/WPA3-PSK, WPA2/WPA3-EAP |
| | | | Supported EAP Type: |
| | | | PEAP, PEAP-TLS, EAP-TLS, EAP-Fast |
| | | | Access Point: OPEN |
| | | | WPA2-PSK(AES) |
| **Adjustment Functions** | | | |
| Six Axis Colour Adjustment | | N/A | N/A |
| Picture In Picture | | N/A | N/A |
| Aspect Mode | | Yes (Auto / 16:9 / Full / Zoom) | Yes (Auto / Normal / Full / Zoom) |
| Frame Interpolation | | N/A | |
| **Image Enhancement** | | | |
| Image Preset Mode | | N/A | |
| MPEG Noise Reduction | | Yes | N/A |
| Super Resolution | | N/A | |
| Detail Enhancement | | N/A | Yes |
| **Operating Temperature** | | 5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) | 5 - 40 °C <41 - 104 °F> (0m / 0ft - 2,286m / 7,500ft) |
| | | 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (10% - 60% humidity, No condensation) | 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No condensation) |
| **Operating Altitude** | | 0 m to 3,000 m <0 ft to 9,843 ft> | 0 m to 3,048 m <0 ft to 10,000 ft> |
| | | (over 1,500 m / 4,921 ft : with High altitude mode) | (over 1,500 m / 4,921 ft : with High altitude mode) |
| **Direct Power On/Off** | | Yes / No | Yes / Yes |
| **Start-Up Period** | | Under 6 seconds / Warm-up period: 30 seconds | |
| **Cool Down Period** | | Instant Off | |
| **Air Filter** | | | |
| Maintenance Cycle*4 | | 5,000 H | 6,000 H / 12,000 H (Eco) |
| **Power Supply Voltage** | | 100 - 240 V AC ±10%, 50/60 Hz | |
| **Power Consumption (220-240V)** | | | |
| Lamp On (Normal / Eco) | | 172W / 115W | 327W / 225W |
| Standby (Network On / Off) | | N/A / 0.4W | 2.0 W / 0.3 W |
| **Dimension Excluding Feet (D X W X H)** | | 227 x 210 x 88 mm | 249 x 302 x 87 mm |
| **Weight** | | Approx. 2.7kg | Approx. 2.8kg |
| **Fan Noise (Normal / Eco )** | | 29dB / 26dB | 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 These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

*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.

**EF-100B/W**
Supplied Accessories
Power Cable (1.8m)
Remote Control with 2 AAA Battery
Quick Start Guide

Optional Accessories
Air Filter: ELPAF57
Ceiling Mount (White Colour): ELPMB60
Lighting Track Mount: ELPMB61

EF-100B

EF-100W

**EH-TW750**
Supplied Accessories
Power Cable (1.8m)
Remote Control with 2 AA Battery
Quick Start Guide
Soft Carrying Case

Optional Accessories
Spare Lamp: ELPLP97
Air Filter: ELPAF32
Ceiling Mount (White Colour): ELPMB23
Soft Carrying Case: ELPKS69

Dealer's Stamp

Information correct at time of printing.
Printed May 2020

**Sales Enquiries**
**800 120 5564**

f EpsonSEA   EpsonSEA   EpsonSEA   You Tube EpsonSoutheastAsia   in Epson Southeast Asia
For latest specifications, visit **www.epson.com.sg/homeprojectors** or call **800 120 5564.**

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| MODEL NUMBER | | EH-TW7000 | EH-LS500B |
|---|---|---|---|
| Projection Technology | | RGB liquid crystal shutter projection system (3LCD) | |
| **Specifications of Main Parts** | | | |
| LCD | Size | 0.61" wide panel (C² Fine) | |
| | Native Resolution | 1080p | |
| Projection Lens | Type | Optical Zoom (Manual) / Focus (Manual) | No Optical Zoom / Focus (Manual) |
| | F-Number | 1.49 – 1.77 | 1.5 |
| | Focal Length | 18.2 – 29.2 mm | 3.99 mm |
| | Zoom Ratio | 1 – 1.62 | 1 – 1.35 (Digital Zoom) |
| | Throw Ratio (Wide – Tele) | 1.32 – 2.15 | 0.28 – 0.38 |
| Lightsource | Type | Lamp: 250W UHE | Laser Diode |
| | Lamp Life*1 | High: 3,500 / Medium: 4,000 / Eco: 5,000 hours | Normal/Eco: 20,000 hours |
| **Screen Size (Projected Distance)** | | | |
| Zoom: Wide | | 40" to 500" [1.16 to 14.87 m] | 65" to 130" [0.398 to 0.817 m] |
| Zoom: Tele | | 40" to 500" [1.89 to 24.01 m] | 48" to 96" [0.398 to 0.817 m] |
| Standard Size | | 100" screen [2.95 to 4.77 m] | 80" screen [0.495 m] |
| **Brightness*2** | | | |
| White Light Output (Normal / Eco) | | 3,000 lm / 2,000 lm | 4,000 lm / 1,200 lm |
| Colour Light Output | | 3,000 lm | 4,000 lm |
| **Contrast Ratio** | | 40,000:1 | Over 2,500,000:1 |
| **Geometric Correction** | | | |
| Vertical / Horizontal Keystone | | ±30° / ±30° | ±3° / ±3° |
| **Image Enhancement** | | | |
| 4K Enhancement | | Yes (On/Off) | |
| Picture In Picture | | N/A | |
| Aspect Mode | | Yes (Auto / Normal / Full / Zoom) | |
| Frame Interpolation | | Off / Low / Normal / High (2D and 3D Mode) | |
| Image Preset Mode | | Yes | |
| MPEG Noise Reduction | | Yes | |
| Super Resolution | | Yes | |
| Detail Enhancement | | Yes | |
| **3D Features** | | | |
| 3D Display | | Yes | |
| 2D – 3D Conversion | | N/A | |
| 3D Format | | Side by Side / Top and Bottom | |
| 3D Depth | | -10 to +10 | |
| **Connectivity** | | | |
| Analog Input | D-Sub 15Pin | N/A | |
| | 5BNC | N/A | |
| Digital Input | DVI-D | N/A | |
| | HDMI | 2 (HDCP 2.2) | 3 (HDCP 2.2) |
| Output Terminal | D-Sub 15Pin | N/A | |
| Audio Input | Stereo Mini Jack | N/A | |
| Audio Output | Stereo Mini Jack | 1 | |
| Others | USB Type A | 2 (Port1: Wireless LAN, Firmware Update, Copy OSD Settings) (Port 2: For Streaming Media Player with 2,000 mA Power Supply) | 1 (For 2A Power Supply, USB Memory, USB Document Camera, Firmware Update and and Copy OSD Settings) |
| | USB Type Mini-B | 1 (For Firmware Update) | |
| Control I/O | RS-232C | N/A | D-sub 9pin x 1 |
| | Remote Control Input | NA | |
| Network | Wired LAN | N/A | RJ45 x1 |
| | Wireless | Optional (ELPAP10) | |
| **Wireless Specification** | | | |
| Supported Connection Mode | | Infrastructure, Access Point | |
| Supported Speed For Each Mode | | IEEE 802.11b (2.4GHz): 11 Mbps*3 | |
| | | IEEE 802.11g (2.4GHz): 54 Mbps*3 | |
| | | IEEE 802.11n (2.4GHz): 130.0 Mbps*3 | |
| Wireless LAN Security | | Quick Mode: WPA2-PSK | Quick Mode: OPEN, WPA2-PSK |
| | | Advanced Mode: WPA/WPA2-PSK | Advanced Mode: OPEN, WPA/WPA2-PSK, WPA/WPA2-EAP |
| | | | Supported EAP type: |
| | | | PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP |
| **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 m to 3,048 m <0 ft to 10,000 ft> | |
| **Direct Power On / Off** | | Yes / N/A | |
| **Start-Up Period** | | Up to 19 seconds, Warm-up Period: 30 seconds | Up to 9 seconds, Warm-up Period: 30 seconds |
| **Cool Down Period** | | Up to 7 seconds | Instant Off |
| **Power Supply Voltage** | | 100 - 240 V AC ±10%, 50/60 Hz | |
| **Power Consumption (220 - 240V)** | | | |
| Lamp (Normal / Eco) | | 368W / 280W | 366W / 230W |
| Standby (Network On / Off) | | 2.0W (Optional Wireless LAN) / 0.5 W | |
| **Dimension Excluding Feet (D X W X H)** | | 310 x 410 x 157 mm | 375 x 458 x 209.5 mm |
| **Weight (Including Standard Lens)** | | Approx. 6.6 kg | Approx. 9.3 kg |
| **Fan Noise (Normal / Eco)** | | 35dB / 24dB | 36dB / 23dB |

*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 These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**EH-TW7000**
Supplied Accessories
Power Cable (3m)
Remote Control with 2 AA Battery
User Manual CDROM
Quick Start Guide

Optional Accessories
Spare Lamp: ELPLP85
Air Filter: ELPAF39
Wireless LAN unit: ELPAP10
Ceiling Mount: ELPLMB22

**EH-LS500B**
Supplied Accessories
Power Cable (1.8m)
HDMI Extension Cable
USB Power cable
Remote Control with 2 AAA Battery
Lens Cap
Main Unit Foot

Optional Accessories
Air Filter: ELPAF56
Wireless LAN: ELPAP10

Dealer's Stamp

Information correct at time of printing.
Printed May 2020

**Sales Enquiries**
**800 120 5564**

f EpsonSEA   EpsonSEA   EpsonSEA   You Tube EpsonSoutheastAsia   in Epson Southeast Asia
For latest specifications, visit **www.epson.com.sg/homeprojectors** or call **800 120 5564.**

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| MODEL NUMBER | | EH-TW5650 |
|---|---|---|
| **Projection Technology** | | RGB liquid crystal shutter projection system |
| **Specifications of Main Parts** | | |
| LCD | Size | 0.61" wide panel (D10, C² Fine) |
| | Native Resolution | 1080p |
| 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 | 1.33 – 2.16 (Wide – Tele) |
| Lightsource | Type | 200W UHE |
| | Lamp Life[1] | Normal: 4,500 / Eco: 7,500 hours |
| **Screen Size (Projected Distance)** | | |
| Zoom: Wide | | 30" to 300" [0.87 to 8.9 m] |
| Zoom: Tele | | 30" to 300" [1.42 to 14.5 m] |
| Standard Size | | 80" screen 2.35 to 3.82 m |
| **Brightness[2]** | | |
| Colour Light Output (Normal) | | 2,500 lm |
| White Light Output (Normal / Eco) | | 2,500 lm / 1,650 lm |
| Contrast Ratio | | 60,000:1 |
| **Internal Speaker(s)** | | |
| Sound Output | | 10W Monaural |
| **Geometric Correction** | | |
| Vertical / Horizontal Keystone | | ±30° / ±30° (Slide Bar) |
| Auto Keystone Correction | | Yes (Vertical) |
| Horizontal Slide Keystone Correction | | Yes |
| Quick Corner | | Yes |
| **Lens Shift Range** | | |
| Lens Shift | | Vertical:  +45% to +60% |
| **Connectivity** | | |
| Analog Input | D-Sub 15pin | 1 (Blue) |
| | Composite | N/A |
| Digital Input | HDMI | 2 (one of terminal supports MHL) |
| Audio In | | N/A |
| Audio Out | | Stereo Mini Jack x 1 |
| USB Interface | USB Type A | 1 (for 1000mA Power Supply, Slideshow, Firmware Update) |
| | USB Type B | 1 Mini-USB (for Service) |
| Network | Wireless | Built-in |
| **Wireless Specifications (Wireless LAN)** | | |
| Supported Speed For Each Mode | | IEEE 802.11b: 11 Mbps[3] |
| | | IEEE 802.11g: 54 Mbps[3] |
| | | IEEE 802.11n: 130 Mbps[3] |
| Supported Connection Mode | | Infrastructure,  Access Point |
| Wireless LAN Security | | Quick: WPA2-PSK, Advanced: WPA/WPA2-PSK |
| **Wireless Specifications (Screen Mirroring)** | | |
| Supported Speed For Each Mode | | IEEE 802.11g (2.4GHz): 54 Mbps[3] |
| | | IEEE 802.11n (2.4GHz): 130.0 Mbps[3] |
| | | IEEE 802.11a (5GHz): 54 Mbps[3] |
| | | IEEE 802.11n (5GHz): 270.0 Mbps[3] |
| | | IEEE 802.11ac (5GHz): 780Mbps[3] |
| Supported Connection Mode | | Wi-Fi Direct |
| Supported Security Type | | WPA2-PSK (AES) |
| **Adjustment Functions** | | |
| Frame Interpolation | | Yes |
| Detail Enhancement | | Yes |
| Split Screen | | Yes |
| Aspect Mode | | Yes (Auto / Normal / Full / Zoom) |
| **3D Features** | | |
| 3D Display | | Yes |
| 2D - 3D Conversion | | Yes |
| 3D Format | | Yes |
| 3D Depth | | Yes |
| **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 m to 3,000 m <0 ft to 9,843 ft> (over 1,500 m / 4,921 ft : with High altitude mode) |
| **Direct Power On / Off** | | Yes / N/A |
| **Start-Up Period** | | Under 15 seconds |
| | | Warm-up period: 30 seconds |
| **Cool Down Period** | | Under 5 seconds |
| **Power Supply Voltage** | | 100 - 240 V AC ±10%, 50/60 Hz |
| **Power Consumption (220 - 240V)** | | |
| Lamp On (Normal / Eco) | | 296W / 227W |
| Standby (Network On / Off) | | 2.0W / 0.2W |
| **Dimension Excluding Feet (D X W X H)** | | 278 x 309 x 107 mm |
| **Weight** | | Approx. 3.5kg |
| **Fan Noise (Normal / Eco)** | | 37dB / 27dB |

[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] These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**Supplied Accessories**
Power Cable (3m)
Remote Control with 2 AA Battery

**Optional Accessories**
Spare Lamp: ELPLP96
Air Filter: ELPAF55
Ceiling Mount (White Colour): ELPMB23

Dealer's Stamp

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**EPSON**
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| MODEL NUMBER | | EH-TW7400 | EH-TW9400 |
|---|---|---|---|
| **Projection Technology** | | RGB liquid crystal shutter projection system | |
| **Specifications of Main Parts** | | | |
| LCD | Size | 0.74" wide panel with MLA (C² Fine) | |
| | Native Resolution | 1080p | |
| Projection Lens | Type | Power Zoom, Power Focus | |
| | F-Number | 2.0 – 3.0 | |
| | Focal Length | 22.5 – 46.7 mm | |
| | Zoom Ratio | 1 – 2.1 | |
| | Throw Ratio | 1.35 – 2.84 | |
| Lightsource | Type | Lamp: 250W UHE | |
| | Lamp Life[1] | High: 3,500 / Medium: 4,000 / Eco: 5,000 hours | |
| **Screen Size (Projected Distance)** | | | |
| Zoom: Wide | | 50" to 300" [1.48 to 9.08 m] | |
| Zoom: Tele | | 50" to 300" [3.13 to 18.99 m] | |
| Standard Size | | 100" screen 3.00 to 6.30 m | |
| **Brightness[2]** | | | |
| Colour Light Output | | 2,400 lm | 2,600 lm |
| White Light Output (Normal / Eco) | | 2,400 lm / 590 lm | 2,600 lm / 640 lm |
| Contrast Ratio | | 200,000:1 | 1,200,000:1 |
| **Geometric Correction** | | | |
| Vertical Keystone | | ±30 degrees | |
| **Lens Shift Range** | | | |
| Vertical Lens Shift | | ±96.3 % (H Center, Powered) | |
| Horizontal Lens Shift | | ±47.1 % (V Center, Powered) | |
| **Connectivity** | | | |
| Analog Input | D-Sub 15Pin | 1 (Blue) | |
| Digital Input | HDMI | 2 (HDMI 1 - HDCP 2.2, HDMI 2 - HDCP 1.4) | 2 (HDCP 2.2) |
| USB Interface | USB Type A | 2 (Right USB: Wireless LAN, Firmware Update, Copy OSD Settings) | |
| | | (Left USB: Opt. HDMI cable with 300mA power supply) | |
| | USB Type B | USB Mini-B x 1 (For Service and Firmware Update) | |
| Control I/O | RS-232C | D-Sub 9pin x 1 | |
| | Trigger Out (12V) | 3.5mm Mini Jack x 1 | |
| Network | Wired LAN | RJ45 x 1 | |
| | Wireless | Optional (ELPAP10) | |
| **Wireless Specifications (Wireless LAN)** | | | |
| Supported Speed For Each Mode | | IEEE 802.11b (2.4GHz): 11 Mbps[3] | |
| | | IEEE 802.11g (2.4GHz): 54 Mbps[3] | |
| | | IEEE 802.11n (2.4GHz): 130 Mbps[3] | |
| Supported Connection Mode | | Infrastructure, Access Point | |
| Wireless LAN Security | | Quick Mode: OPEN, WPA2-PSK | |
| | | Advanced Mode: OPEN, WPA/WPA2-PSK | |
| **Adjustment Functions** | | | |
| Picture In Picture | | Yes | N/A |
| Aspect Mode | | Yes (Auto / Normal / Full / Zoom ) | Yes (Auto / Normal / Full / Zoom / Anamorphic Wide / Horiz.Squeeze) |
| Frame Interpolation | | Off / Low / Normal /High (2D and 3D Mode) | |
| **Image Enhancement** | | | |
| Image Preset Mode | | Yes (Off / Preset1 / Preset2 / Preset3 / Preset4 / Preset5) | |
| MPEG Noise Reduction | | Yes | |
| Super Resolution | | Yes (Fine line adjust / Soft focus detail) | |
| Detail Enhancement | | Yes (Range / Strength) | |
| **3D Features** | | | |
| 3D Display | | Yes (Auto / 3D / 2D) | |
| 2D - 3D Conversion | | Yes (Off / Weak / Medium / Strong) | N/A |
| 3D Format | | Side by Side / Top and Bottom | |
| 3D Depth | | -10 to +10 | |
| **Operating Temperature** | | 5 - 35 °C <41 - 95 °F> (0m / 0ft - 2286m / 7,500ft) | |
| | | 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) | |
| | | 20% - 80% humidity, No condensation | |
| **Operating Altitude** | | 0 m to 3,048 m <0 ft to 10,000 ft> (over 1,500 m / 4,921 ft : with High altitude mode) | |
| **Direct Power On / Off** | | Yes / NA | |
| **Start-Up Period** | | 19 seconds | |
| | | Warm-up period: 30seconds | |
| **Cool Down Period** | | 16 seconds | |
| **Power Supply Voltage** | | 100 - 240 V AC +/- 10%, 50/60 Hz | |
| **Power Consumption (220 - 240V)** | | | |
| Lamp On (Normal / Eco) | | 355W / 271W | |
| Standby (Network On / Off) | | 2W / 0.3W | |
| **Dimension Excluding Feet (D X W X H)** | | 450 x 520 x 170 mm | |
| **Weight** | | Approx. 11.2 kg | |
| **Fan Noise (Normal / Eco)** | | 31 dB / 20dB | |

[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] These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

**Supplied Accessories**
Power Cable (3m)
Remote Control with 2 AA Battery
User Manual
2 HDMI Cable Clamp

**Optional Accessories**
Spare Lamp: ELPLP89
Air Filter: ELPAF39
Wireless LAN Unit: ELPAP10
Ceiling Mount: ELPMB22
Cable Cover: ELPCC05W, ELPCC05B

EH-TW7400

EH-TW9400

Dealer's Stamp

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