

SONY

# Home Cinema Projectors



TRILUMINOS  
DISPLAY

SXR0





## The authentic 4K cinema experience comes to your own home theater

Imagine being able to enjoy the immersive experience of a movie theater – without leaving home. Sony harnessed the power of its 4K HDR technology from professional cinema projectors and applied it to our new home theater projectors, taking film, sports, and games to a dynamic, new level. This awesome combination of 4K clarity and

crispness and High Dynamic Range is why Sony is the unquestioned leader in the industry. No other brand comes close to our expertise from decades of making movies, entertainment, cameras, and projectors, so you can discover the WOW-factor of your favorite media the way the creators intended.



## Bring the big screen experience to home entertainment

Sony's Premium Home Cinema Projectors give you the flexibility to bring the big screen experience to home entertainment, thanks to their compact design, light weight, portability, improved zoom and lens shift capabilities, and whisper-quiet operations. And with models offering a range of powerful brightnesses, you're guaranteed an exceptional picture whether it's in a home theater or family room.

Enjoy a family movie night or a game day with friends, streaming your favorite content or playing video games on an epic scale. Home entertainment has never looked so good.

# Big, bright, beautiful pictures for home theater

85" Class  
(84.5" diag.)



Over 85"\*

























Imagine the transformative experience of movie images projected on a home screen ranging from 85"\* up to 300"\*! Discover how big really *is* better for movies, sports, and games – with an up-close theater/stadium effect in your own home. From signal processing to imaging panels and lenses, Sony projects 4K HDR content without loss of detail, using the same unique cutting-edge technology developed for high-end movie theater projectors. Enjoy the same bright, clear images at a size you never dreamed was possible without leaving home.

\*viewable area



# Meet the line-up of Sony Home Cinema Projectors

Check out the possibilities for your home with Sony's full line-up of Home Cinema Projectors. Whether you're looking for an HD, 4K, 4K HDR, or even a short throw option, there's a Sony projector to fit your space and needs.

| Model            | VPL-VW5000ES  | VPL-VW995ES   | VPL-VZ1000ES  | VPL-VW885ES   | VPL-VW695ES  | VPL-VW295ES   | VPL-HW65ES  | VPL-HW45ES  |
|------------------|---|---|---|---|--|---|---|---|
|                  | Laser-Phosphor Projector  | Laser-Phosphor Projector  | Ultra Short Throw Projector   | Laser-Phosphor Projector  | Front Projector  | Front Projector   | Front Projector   | Front Projector   |
|                  |  |  |  |  |  |  |  |  |
| Resolution       |  |  |  |  |   |  |  |  |
| Brightness       | 5,000 lm  | 2,200 lm  | 2,500 lm  | 2,000 lm  | 1,800 lm   | 1,500 lm  | 1,800 lm  | 1,800 lm  |
| Dynamic Contrast | ∞ to 1  | ∞ to 1  | ∞ to 1  | ∞ to 1  | 350,000:1  | N/A   | 120,000:1   | N/A   |
| Color Space      |  |  |  |  |  |  | N/A   | N/A   |
| Picture Position | Auto  | Auto  | N/A   | Auto  | Auto   | Manual  | N/A   | N/A   |
| Lens             | ARC-F   | ARC-F   | Ultra Short-Throw Lens  | Standard 4K Lens  | Standard 4K Lens   | Standard 4K Lens  | Standard HD Lens  | Standard HD Lens  |

# VPL-VW5000ES

- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- With an impressive 5,000 lumens brightness and a spectacularly high contrast range, 4K images are clear and bright with sparkling highlights and rich, deep blacks
- The ultra-pure, highly efficient laser light source provides virtually maintenance-free operation with no lamp swaps
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Motionflow technology for higher frame-rate and smooth video performance even with 4K content

## The best projector designed for large home cinemas

Serious cinephiles need exceptional cinematic detail, color, and contrast. As the crown jewel of the Home Cinema Projector line, Sony's VPL-VW5000ES delivers the goods. This home cinema projector combines an advanced laser light source with the same Sony 4K technology found in professional cinema projectors. You get pulled right into the action with crisply detailed images and unprecedented clarity. You'll experience rich cinematic colors, smooth motion, and spectacular contrast with extremely powerful brightness, ensuring clear and sharp big-screen pictures, even on the largest home theater screens.



## A breathtaking view with no limits

Now you can turn any room into a home theater with the stunning sharpness of 4K projection. This ultra-short throw 4K HDR home theater projector works with corner-to-corner clarity in places where projection may not previously have been possible. The VPL-VZ1000ES provides an immersive experience with more than 100" of 4K HDR picture quality in any room and no limits on the design or layout of your home. Designed for style and built for flexibility, this projector can be placed on the floor, mounted on the ceiling, or used for rear projection. However you use it, there are no limits on your imagination!



## VPL-VZ1000ES

- Ultra-short throw for ultra-flexible installation
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- 2,500 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Advanced Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- 4K SXRD™ advanced projection technology features a super-fast response rate for clear, blur-free images
- Motorized zoom and shift functions make finalizing the installation a breeze



# VPL-VW995ES

- Precise and clean images from native 4K SXRD panel (4096x2160)
- 4K Reality Creation for crispness without extra digital picture noise
- Motionflow provides smooth motion for 4K & HD
- Dual Contrast control engine (Dynamic Laser control & Advanced Iris)
- Digital Focus Optimizer for more accurate focus
- ARC-F (All Range Crisp Focus) Lens for crisper image
- 2,200 lumens for spectacular brightness
- Low latency in game mode for better response time including 4K gaming
- TRILUMINOS™ Display technology for a much broader color range
- HDR screen brightness adjustable to desired customer experience
- Compatibility with short throw lens (Z7008) for flexible installation

## Movies and gaming with stunning clarity

Meet the new projector for diehard movie, sports, and game fans. Prepare to watch in stunning brightness and clarity when you install the compact VPL-VW995ES Laser Home Cinema Projector, with the new ARC-F (All Range Crisp Focus) lens with Digital Focus Optimizer. Greater contrast, higher resolution, deeper blacks, and more accurate focus produce crisp and spectacular images that exceed movie theater quality. Its low latency mode provides input lag reduction, which makes for realistic gaming. The long lasting brightness of laser projection eliminates multiple lamp replacements. And it is installation-friendly, with low fan noise, flexibility of positioning, and rear exhaust for best picture quality.





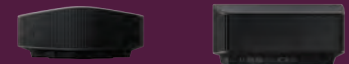
## Revel in 4K HDR Laser Clarity

The VPL-VW885ES brings movies to life with extraordinary cinematic detail, color and contrast. This home projector combines an advanced laser light source with the same 4K SXRD panel technology found in Sony professional cinema projectors in a compact chassis. Crisply detailed native 4K images (4096 x 2160) offer four times the resolution of Full HD, pulling you right into the heart of the action. You'll experience fabulously rich cinematic colors, smooth motion and spectacular contrast. Savor the action with 2000 lumens brightness for vibrant images, in dark or well-lit rooms. The ultra-pure, highly efficient laser light source provides long-lasting brightness releasing you from the worries of brightness decay typical of lamps.



## VPL-VW885ES

- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- The ultra-pure, highly efficient laser light source provides virtually maintenance-free operation with no lamp swaps
- 2,000 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Picture position memories let you switch between movie and TV aspect ratios, including Cinemascope and 16:9, at the push of a button
- Motionflow technology for higher frame-rate and smooth HD or 4K video performance.



TRILUMINOS  
DISPLAY

Z-Phosphor  
LASER LIGHT SOURCE

SXRD

# VPL-VW695ES

- 18Gbps inputs with native 4K for outstanding clarity, over 4 times better than full HD
- 4K Reality Creation for crispness without extra digital picture noise
- High dynamic contrast by Advanced Iris with 350,000:1 dynamic contrast ratio
- Motionflow provides smooth motion for 4K & HD
- "HDR Reference" Option provides richer gradation in bright parts of the image
- 1,800 lumens for spectacular brightness
- TRILUMINOS™ Display technology for a much broader color range
- Low latency in game mode for better response time including 4K gaming
- HDR screen brightness adjustable to desired customer experience
- Anamorphic lens compatibility for 4K signals (V-stretch for 4K)

## 4K HDR home projector with awe-inspiring brightness

Experience the beauty of true 4K HDR images with the new Sony VPL-VW695ES Home Cinema Projector. This low-maintenance, compact projector provides an immersive home theater experience, with clear, crisp, bright pictures that make you feel as though you're right in the middle of the action! And when you're playing 4K HDR 60P games, you'll notice a more realistic reaction time with low latency mode. Its compact size makes it easy to install, and its long lasting lamp provides higher brightness and less maintenance.



## See the big picture in True 4K HDR

Introducing the new Sony VPL-VW295ES Home Cinema Projector with 1,500 lumens of spectacular brightness. Bring entertainment and gaming to life with 4K HDR clarity and brightness in every living space. With enriched black gradation and a much broader color range, every scene springs to life with finer detail, realism, and deep blacks. This model's great value lets you take full advantage of the latest content in impressive sharpness and vivid color, whether you're watching sports, enjoying movies, or playing games. The picture is so incredibly lifelike, it's almost like being there!



## VPL-VW295ES

- Native 4K SXRD panel (4096x2160) for extra clarity
- 4K Reality Creation for crispness without extra digital picture noise
- Motionflow provides smooth motion for 4K & HD
- "HDR Reference" Option provides richer gradation in bright parts of the image
- 1,500 lumens for spectacular brightness
- Low latency in game mode for better response time including 4K gaming
- TRILUMINOS™ Display technology for a much broader color range
- HDR screen brightness adjustable to desired customer experience
- Anamorphic lens compatibility for 4K signals (V-stretch for 4K)
- 18Gbps HDMI inputs compatible with highest quality content



# VPL-HW65ES

- 1,800 lumen brightness, delivering clearer images in well-lit environment
- A dynamic contrast ratio of 120,000:1 makes every scene spring to life with finer detail, realism, and deep blacks.
- Advanced SXRD™ Panels produce an ultra-smooth picture by minimizing the space between pixels
- Reality Creation has been improved by taking the same technology from our 4K home cinema models
- Built-in RF 3D sync Transmitter
- Motionflow technology for higher frame-rate and smooth video performance
- UP to 6,000\* hours recommended lamp replacement time, due to an enhanced lamp driving system
- Complies with many home automation systems via an RJ45 (IP), RS-232C, TRIGGER and IR IN interfaces

\* The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.



## Get closer to a real cinema experience

Movies come alive with the VPL-HW65ES, a Full HD 3D Home Cinema Projector packed with our latest technology for an incredibly sharp, crystal-clear cinematic experience. You can savor the action with high-contrast brightness from a long-lasting lamp capable of up to 6,000 hours of illumination. And the action stays smooth with the innovative technology of Motionflow. Select from nine picture calibration modes, including two cinema film modes, cinema digital, and bright cinema, to quickly calibrate the picture to what you're watching or playing. The vibrant images make every scene spring to life with fine detail and realism.



## The value-packed way to spectacular viewing

Expand your horizons beyond the TV screen—and create a spectacular viewing experience in your own home. The affordable VPL-HW45ES Home Cinema Projector lets you enjoy your favorite entertainment in 2D or 3D. It's packed with technology developed for our professional digital cinema projectors, including SXRD panels and Advanced Reality Creation upscaling technology for fabulously detailed Full HD images. Generous 1,800 lumens brightness ensures that you can watch movies and TV in clear, sharp focus, even in daylit living rooms.



1920 x 1080  
Full HD 3D

SXRD



24P  
TRUE  
CINEMA

## VPL-HW45ES

- 1,800 lumen brightness, delivering clearer images in well-lit environment
- Advanced SXRD™ Panels produce an ultra-smooth picture by minimizing the space between pixels
- Reality Creation has been improved by taking the same technology from our 4K home cinema models
- Built-in IR 3D sync Transmitter
- Motionflow technology for higher frame-rate and smooth video performance
- UP to 6,000\* hours recommended lamp replacement time, due to an enhanced lamp driving system
- Input lag reduction mode for more responsive gaming

\* The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.



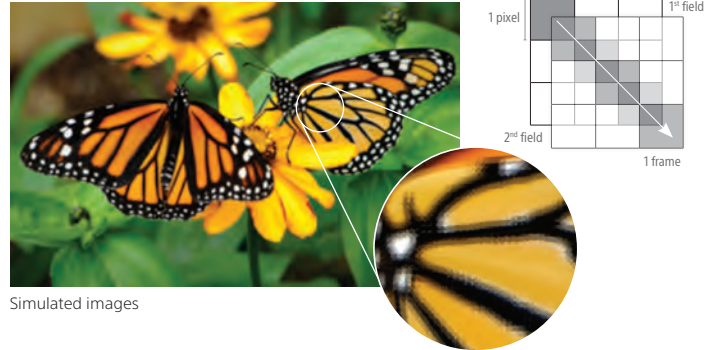
# True 4K images with no pixel shifting

Sony offers the only Home Cinema Projectors with true 4K resolution, giving you over 8 million pixels and four times the resolution of HD. Competing brands can only provide an enhanced HD experience using pixel-shifting technology.

## Native 4K Resolution



## Pixel Shifting Technologies



# HDR Technology

High Dynamic Range (HDR) reproduces a wider range of brightness levels than conventional video, which brings a deeper contrast to the screen, greater volume of colors, and incredible detail in low-light images. Watching movies and TV shows mastered in HDR will give you a vivid new viewing experience filled with brilliant color and dramatic contrast.

## HDR input



## SDR input



Simulated images

## OPTIONAL ACCESSORIES



### LMP-H210

Projector Lamp  
(replacement lamp for VPL-HW45ES  
& VPL-HW65ES)



### LMP-H280

Projector Lamp  
(replacement lamp for VPL-VW695ES)



### LMP-H220

Projector Lamp  
(replacement lamp for VPL-VW295ES)



### TDG-BT500A

3D active shutter glasses (RF type)

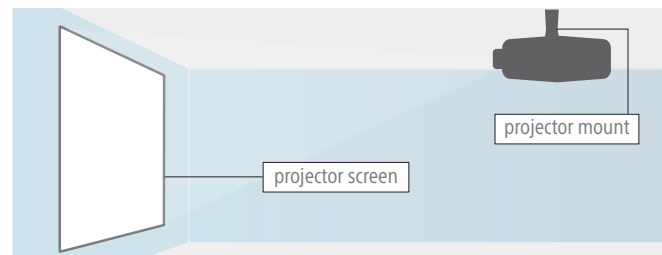
## COMPATIBLE LENSES

for VPL-VW5000ES and VPL-VW995ES

| Projection lens | VPLL-Z7008 (Optional)  | VPLL-Z7013 (Bundled)  |
|-----------------|--|---|
|                 |   |  |
| Throw ratio     | 0.80:1 to 1.02:1   | 1.27:1 to 2.73:1  |
| Zoom / Focus    | Powered/Powered  | Powered/Powered   |
| Lens shift      | Powered, Vertical: +/- 50 %, Horizontal: +/- 18 %  | Powered, Vertical: +/- 80 %, Horizontal: +/- 31 %                                 |
| Aperture        | f/2.9  | f/2.9 to 3.9  |
| Screen size*    | 60" to 1000"   | 60" to 300"   |
| Dimensions      | Wide W 5 9/32 x H 5 9/32 x D 12 5/32 in<br>(W 134 x H 134 x D 309 mm)<br>Tele W 5 9/32 x H 5 9/32 x D 11 5/32 in<br>(W 134 x H 134 x D 283 mm) | W 5 5/32 x H 5 5/32 x D 9 29/32 in<br>(W 131 mm x H 131 mm x D 252 mm)            |
| Weight          | 8.2 lb / 3.7 kg  | 5.7 lb / 2.6 kg   |

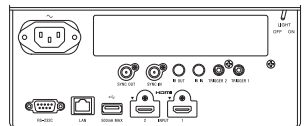
## THIRD PARTY ACCESSORIES

When purchasing a Sony Home Theater Projector, in addition to the available Sony accessories, you may want to consider purchasing third-party accessories such as a screen or ceiling mount to complement your projector and enhance your overall viewing experience. There are wide variety of screen and mount options available on the market today, at a variety of price points to best suit your space, budget and particular needs.



# CONNECTOR PANEL

VPL-VW5000ES



VPL-HW65ES



VPL-HW45ES



VPL-VW995ES/VPL-VW695ES



VPL-VZ1000ES



Rear



VPL-VW885ES



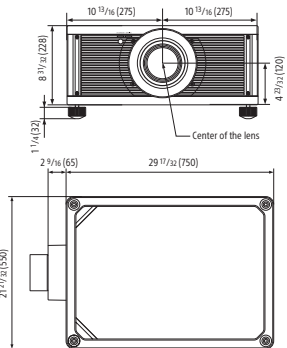
VPL-VW295ES



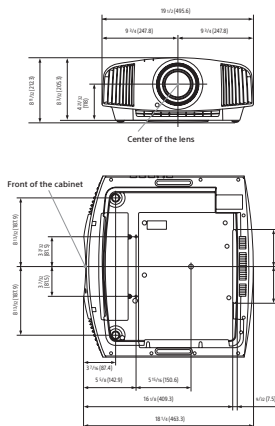
# DIMENSIONS

Units: inches (mm)

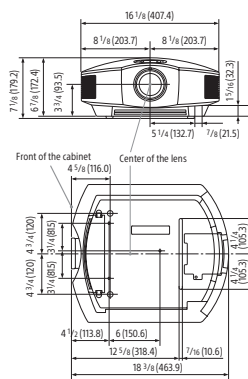
VPL-VW5000ES



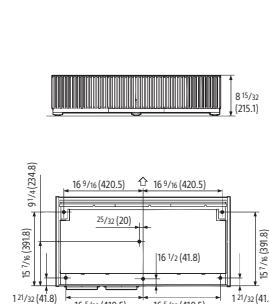
VPL-VW695ES /  
VPL-VW295ES



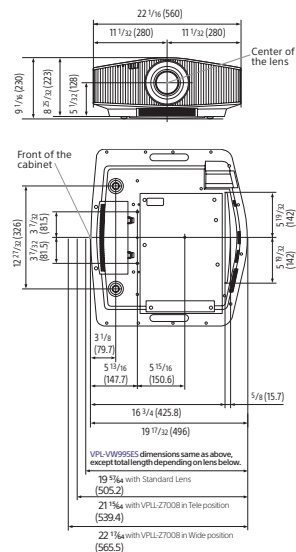
VPL-HW65ES /  
VPL-HW45ES



VPL-VZ1000ES

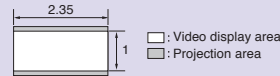
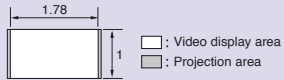


VPL-VW885ES /  
VPL-VW995ES





# When projecting in 1.78:1 (16:9) / 2.35:1 format



## Projection distance

### VPL-VW5000ES/VPL-VW995ES

Unit: inches (m)

| 1.78:1 (16:9)         |                              |                                |
|-----------------------|------------------------------|--------------------------------|
| Projection image size |                              | Projection distance L          |
| Diagonal              | Width × Height               |                                |
| 80" (2.03 m)          | 70" × 39" (1.77 m × 1.00 m)  | 93" – 202" (2.35 m – 5.15 m)   |
| 100" (2.54 m)         | 87" × 49" (2.21 m × 1.25 m)  | 117" – 254" (2.96 m – 6.46 m)  |
| 120" (3.05 m)         | 105" × 59" (2.66 m × 1.49 m) | 141" – 305" (3.56 m – 7.77 m)  |
| 150" (3.81 m)         | 131" × 74" (3.32 m × 1.87 m) | 176" – 383" (4.47 m – 9.73 m)  |
| 200" (5.08 m)         | 174" × 98" (4.43 m × 2.49 m) | 236" – 511" (5.99 m – 13.00 m) |

| 2.35:1                |                              |                                |
|-----------------------|------------------------------|--------------------------------|
| Projection image size |                              | Projection distance L          |
| Diagonal              | Width × Height               |                                |
| 80" (2.03 m)          | 74" × 31" (1.87 m × 0.80 m)  | 92" – 200" (2.33 m – 5.10 m)   |
| 100" (2.54 m)         | 92" × 39" (2.34 m × 0.99 m)  | 116" – 251" (2.93 m – 6.39 m)  |
| 120" (3.05 m)         | 110" × 47" (2.80 m × 1.19 m) | 139" – 302" (3.53 m – 7.69 m)  |
| 150" (3.81 m)         | 138" × 59" (3.51 m × 1.49 m) | 175" – 379" (4.43 m – 9.63 m)  |
| 200" (5.08 m)         | 174" × 98" (4.67 m × 1.99 m) | 234" – 506" (5.93 m – 12.86 m) |

### VW885ES/VPL-VW695ES/VPL-VW295ES

Unit: inches (m)

| 1.78:1 (16:9)         |                              |                                |
|-----------------------|------------------------------|--------------------------------|
| Projection image size |                              | Projection distance L          |
| Diagonal              | Width × Height               |                                |
| 80" (2.03 m)          | 70" × 39" (1.77 m × 1.00 m)  | 96" – 197" (2.44 m – 5.01 m)   |
| 100" (2.54 m)         | 87" × 49" (2.21 m × 1.25 m)  | 121" – 247" (3.05 m – 6.28 m)  |
| 120" (3.05 m)         | 105" × 59" (2.66 m × 1.49 m) | 145" – 297" (3.67 m – 7.55 m)  |
| 150" (3.81 m)         | 131" × 74" (3.32 m × 1.87 m) | 181" – 371" (4.60 m – 9.44 m)  |
| 200" (5.08 m)         | 174" × 98" (4.43 m × 2.49 m) | 242" – 496" (6.15 m – 12.61 m) |

| 2.35:1                |                              |                                |
|-----------------------|------------------------------|--------------------------------|
| Projection image size |                              | Projection distance L          |
| Diagonal              | Width × Height               |                                |
| 80" (2.03 m)          | 74" × 31" (1.87 m × 0.80 m)  | 95" – 195" (2.41 m – 4.96 m)   |
| 100" (2.54 m)         | 92" × 39" (2.34 m × 0.99 m)  | 119" – 244" (3.02 m – 6.22 m)  |
| 120" (3.05 m)         | 110" × 47" (2.80 m × 1.19 m) | 143" – 294" (3.64 m – 7.47 m)  |
| 150" (3.81 m)         | 138" × 59" (3.51 m × 1.49 m) | 180" – 368" (4.55 m – 9.35 m)  |
| 200" (5.08 m)         | 174" × 98" (4.67 m × 1.99 m) | 240" – 491" (6.08 m – 12.48 m) |

### VPL-HW65ES/HW45ES

Unit: inches (m)

| 1.78:1 (16:9)         |                              |                               |
|-----------------------|------------------------------|-------------------------------|
| Projection image size |                              | Projection distance L         |
| Diagonal              | Width × Height               |                               |
| 80" (2.03 m)          | 70" × 39" (1.77 m × 1.00 m)  | 99" – 142" (2.53 m – 3.61 m)  |
| 100" (2.54 m)         | 87" × 49" (2.21 m × 1.25 m)  | 125" – 178" (3.17 m – 4.52 m) |
| 120" (3.05 m)         | 105" × 59" (2.66 m × 1.49 m) | 150" – 214" (3.81 m – 5.43 m) |
| 150" (3.81 m)         | 131" × 74" (3.32 m × 1.87 m) | 188" – 268" (4.77 m – 6.80 m) |
| 200" (5.08 m)         | 174" × 98" (4.43 m × 2.49 m) | 252" – 357" (6.38 m – 9.08 m) |

| 2.35:1                |                              |                               |
|-----------------------|------------------------------|-------------------------------|
| Projection image size |                              | Projection distance L         |
| Diagonal              | Width × Height               |                               |
| 80" (2.03 m)          | 74" × 31" (1.87 m × 0.80 m)  | 105" – 150" (2.67 m – 3.81 m) |
| 100" (2.54 m)         | 92" × 39" (2.34 m × 0.99 m)  | 132" – 188" (3.35 m – 4.77 m) |
| 120" (3.05 m)         | 110" × 47" (2.80 m × 1.19 m) | 159" – 226" (4.03 m – 5.74 m) |
| 150" (3.81 m)         | 138" × 59" (3.51 m × 1.49 m) | 198" – 283" (5.04 m – 7.18 m) |
| 200" (5.08 m)         | 184" × 78" (4.67 m × 1.99 m) | 265" – 379" (6.74 m – 9.59 m) |

| Model Name   |                                | VPL-VW5000ES   | VPL-VZ1000ES  | VPL-HW65ES   | VPL-HW45ES   |         |
|--|--------------------------------|--|---|--|--|---------|
|  |                                |  |  |  |  |         |
| <b>Optical</b>                                     |                                |  |   |  |  |         |
| Display system                                     |                                | 4K SXRD panel, projection system   | 4K SXRD panel, projection system  | SXRD panel, projection system  | SXRD panel, projection system  |         |
| Display device                                     | Size of effective display area | 0.74" x 3  | 0.74" x 3 SXRD  | 0.61" x 3  | 0.61" x 3  |         |
|  | Number of pixels               | 26,542,080 (4096 x 2160 x 3) pixels  | 26,542,080 (4096 x 2160 x 3) pixels   | 6,220,800 (1920 x 1080 x 3) pixels   | 6,220,800 (1920 x 1080 x 3) pixels   |         |
| Projection lens                                    | Focus                          | Powered *  | Powered   | Manual   | Manual   |         |
|  | Zoom                           | Powered / Manual   | Powered (Approx. 2.1x)  | Powered (Approx. 1.02x)  | Manual (Approx. 1.6x)  |         |
|  | Lens shift                     | Powered / Manual   | Powered *   | Powered  | Manual   | Manual  |
|  |                                | Range  | Vertical  | +/- 80% *  | +/- 6 %  | +/- 71% |
|  | Horizontal                     | +/- 31% *  | +/- 3 % *2  | +/- 25%  | +/- 25%  |         |
| Light source                                       | Type                           | Laser diode  | Laser diode   | Ultra high pressure lamp   | Ultra high pressure lamp   |         |
|  | Wattage                        | -  | -   | 215 W  | 215 W  |         |
| Screen size  |                                | 60" to 300" (15.24 m to 76.24 m)   | 80" to 120" (2030 mm to 3050 mm)  | 40" to 300" (10.16 m to 76.24 m)   | 40" to 300" (10.16 m to 76.24 m)   |         |
| Light output                                       |                                | 5000 lm  | 2500 lm   | 1800 lm  | 1800 lm  |         |
| Color light output                                 |                                | 5000 lm  | 2500 lm   | 1800 lm  | 1800 lm  |         |
| Dynamic contrast                                   |                                | ∞:1  | ∞:1   | 120,000:1  | N/A  |         |
| <b>Interface</b>                                   |                                |  |   |  |  |         |
| Input / Output                                     | HDMI1 / HDMI2                  | Digital (RGB/Y Pb/Cb Pr/Cr)  | Digital (RGB/Y Pb/Cb Pr/Cr) (x4)  | Digital (RGB/Y Pb/Cb Pr/Cr)  | Digital (RGB/Y Pb/Cb Pr/Cr)  |         |
|  | Trigger                        | Mini jack, DC 12 V Max. 100 mA (2)   | Mini jack, DC 12 V Max. 100 mA  | Mini jack, DC 12 V Max. 100 mA (1)   | -  |         |
|  | Remote                         | RS-232C, D-sub 9-pin (female)  | RS-232C, D-sub 9-pin (female)   | RS-232C, D-sub 9-pin (female)  | RS-232C, D-sub 9-pin (female)  |         |
|  | LAN                            | RJ45, 10BASE-T/100BASE-TX  | RJ-45, 10BASE-T/100BASE-TX  | RJ45, 10BASE-T/100BASE-TX  | -  |         |
|  | IR IN / OUT                    | IN:1, OUT:1, Mini jack   | Mini jack   | Mini jack  | Mini jack  |         |
|  | USB (for Updates)              | Type A, DC 5V, Max. 500 mA   | Type A, DC 5V, Max. 500 mA  | Type A, DC 5V, Max. 500 mA   | Type A, DC 5V, Max. 500 mA   |         |
|  |                                |  |   |  |  |         |
| <b>General</b>                                     |                                |  |   |  |  |         |
| Acoustic noise*3                                   |                                | 30 dB ~ 35 dB  | 24 dB   | 22dB   | 22dB   |         |
| Power requirements                                 |                                | AC 100 V to 240 V, 12 A to 6 A, 50 Hz / 60 Hz                                    | AC 100 V to 240 V, 4.4 A to 1.9 A, 50 Hz / 60 Hz                                  | AC 100 V to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz                                   | AC 100 V to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz                                   |         |
| Power consumption                                  |                                | 1.2 kW   | 435 W   | 300 W  | 310 W  |         |
| Power consumption                                  | Standby                        | 0.4 W (when "Remote Start" is set to "Off")                                      | 0.5 W (when "Remote Start" is set to "Off")                                       | 0.4 W (when "Remote Start" is set to "Off")  | 0.4 W (when "Remote Start" is set to "Off")  |         |
|  | Networked Standby              | 0.6 W (LAN) (when "Remote Start" is set to "On")                                 | 0.6 W (LAN) (when "Remote Start" is set to "On")                                  | 1.0 W (when "Remote Start" is set to "On")   | 1.0 W (when "Remote Start" is set to "On")   |         |
| Body color   |                                | Black  | Black   | Black  | Black  |         |
| Dimensions (W x H x D) *4<br>(without protrusions) |                                | 21 21/32 x 8 31/32 x 29 17/32 inches<br>550 x 228 x 750 mm                       | 36 13/32 x 8 19/32 x 19 7/16 inches<br>925 x 218.5 x 493.8 mm                     | 16 1/8 x 7 1/8 x 18 3/8 inches<br>407.4 x 179.2 x 463.9 mm                         | 16 1/8 x 7 1/8 x 18 3/8 inches<br>407.4 x 179.2 x 463.9 mm                         |         |
| Weight *4  |                                | Approx. 88 lb / 40 kg (excluding lens)   | Approx. 77 lb / 35kg (without side and top covers)                                | Approx. 20 lb / 9 kg   | Approx. 20 lb / 9 kg   |         |
| Supplied accessories                               | Remote commander               | RM-PJ24  | RM-PJ28   | RM-PJ28  | RM-PJ28  |         |
| Optional accessories                               | Replacement lamp               | -  | -   | LMP-H210   | LMP-H210   |         |
|  | Projection lenses              | VPLL-Z7008 (Short Throw Lens)  | -   | -  | -  |         |
|  | 3D Glasses                     | TDG-BT500A   | TDG-BT500A  | TDG-BT500A   | TDG-BT500A   |         |

\* When the VPLL-Z7013 (bundled lens) is used. \*2 For 16:9 display

\*3 They will depend on the environment or how the projectors is used. When under normal environment.

\*4 This value is approximate.

| Model Name                                      |                                | VPL-VW995ES  | VPL-VW885ES  | VPL-VW695ES  | VPL-VW295ES  |               |
|---|--------------------------------|--|--|--|--|---------------|
|   |                                |  |  |  |  |               |
| <b>Optical</b>                                  |                                |  |  |  |  |               |
| Display system                                  |                                | 4K SXRD panel, projection system   | 4K SXRD panel, projection system   | 4K SXRD panel, projection system   | 4K SXRD panel, projection system   |               |
| Display device                                  | Size of effective display area | SXRD 0.74" x3  | SXRD 0.74" x3  | 0.74" x 3  | SXRD 0.74" x3  |               |
|   | Number of pixels               | 26,542,080 (4096 x 2160 x 3) pixels  | 26,542,080 (4096 x 2160 x 3) pixels  | 26,542,080 (4096 x 2160 x 3) pixels  | 26,542,080 (4096 x 2160 x 3) pixels  |               |
| Projection lens                                 | Focus                          | Powered *  | Powered  | Powered  | Powered  |               |
|   | Zoom                           | Powered / Manual   | Powered (Approx. 2.1x)   | Powered (Approx. 2.1x)   | Powered (Approx. 2.1x)   |               |
|   | Lens shift                     | Powered / Manual   | Powered *  | Powered  | Powered  | Powered       |
|   |                                | Range  | Vertical   | + 85% / - 80% *  | + 85% / - 80%  | + 85% / - 80% |
|   | Horizontal                     | 31% *  | 31%  | +/- 31%  | 31%  |               |
| Light source                                    | Type                           | Laser diode  | Laser diode  | Ultra high pressure lamp   | Ultra high pressure lamp   |               |
|   | Wattage                        | -  | -  | 280 W  | 225W   |               |
| Screen size                                     |                                | 60" to 300" (15.24 m to 76.24 m)   | 60" to 300" (15.24 m to 76.24 m)   | 60" to 300" (15.24 m to 76.24 m)   | 60" to 300" (15.24 m to 76.24 m)   |               |
| Light output                                    |                                | 2,200 lm   | 2,000 lm   | 1800 lm  | 1,500 lm   |               |
| Color light output                              |                                | 2,200 lm   | 2,000 lm   | 1800 lm  | 1,500 lm   |               |
| Dynamic contrast                                |                                | ∞:1  | ∞:1  | 350,000:1  | -  |               |
| <b>Interface</b>                                |                                |  |  |  |  |               |
| Input / Output                                  | HDMI1 / HDMI2                  | Digital (RGB/Y Pb/Cb Pr/Cr)  | Digital (RGB/Y Pb/Cb Pr/Cr)  | Digital (RGB/Y Pb/Cb Pr/Cr)  | Digital (RGB/Y Pb/Cb Pr/Cr)  |               |
|   | Trigger                        | Mini jack, DC 12 V Max. 100 mA (2)   | Mini jack, DC 12 V Max. 100 mA (2)   | Mini jack, DC 12 V Max. 100 mA (2)   | Mini jack, DC 12 V Max. 100 mA (2)   |               |
|   | Remote                         | RS-232C, D-sub 9-pin (male)  | RS-232C, D-sub 9-pin (male)  | RS-232C, D-sub 9-pin (female)  | RS-232C, D-sub 9-pin (female)  |               |
|   | LAN                            | RJ45, 10BASE-T/100BASE-TX  | RJ45, 10BASE-T/100BASE-TX  | RJ45, 10BASE-T/100BASE-TX  | RJ45, 10BASE-T/100BASE-TX  |               |
|   | IR IN / OUT                    | Mini jack  | Mini jack  | Mini jack  | Mini jack  |               |
|   | USB (for Updates)              | Type A, DC 5V, Max. 500 mA   | Type A, DC 5V, Max. 500 mA   | Type A, DC 5V, Max. 500 mA   | Type A, DC 5V, Max. 500 mA   |               |
| <b>General</b>                                  |                                |  |  |  |  |               |
| Acoustic noise *3                               |                                | 26 dB  | 26 dB  | 26dB   | 26 dB  |               |
| Power requirements                              |                                | AC 100 V to 240 V, 4.3 A to 1.8 A, 50/60Hz                                       | AC 100 V to 240 V, 4.3 A to 1.8 A, 50/60Hz                                       | AC 100 V to 240 V, 4.1 A to 1.7 A, 50 Hz / 60 Hzz                                  | AC 100 V to 240 V, 3.5A to 1.5A, 50/60Hz   |               |
| Power consumption                               |                                | 450 W  | 450 W  | 390 W  | 350W   |               |
| Power consumption                               | Standby                        | 0.3 W (when "Remote Start" is set to "Off")                                      | 0.3 W (when "Remote Start" is set to "Off")                                      | 0.3 W (when "Remote Start" is set to "Off")  | 0.3 W (when "Remote Start" is set to "Off")  |               |
|   | Networked Standby              | 1.0 W (LAN) (when "Remote Start" is set to "On")                                 | 1.0 W (LAN) (when "Remote Start" is set to "On")                                 | 1.0 W (when "Remote Start" is set to "On")   | 1.0 W (LAN) (when "Remote Start" is set to "On")                                   |               |
| Body color                                      |                                | Black  | Black  | Black  | Black  |               |
| Dimensions (W x H x D) *4 (without protrusions) |                                | 22 1/25 x 8 7/10 x 19 12/25 inches<br>560 x 223 x 495 mm                         | 22 1/25 x 8 7/10 x 19 12/25 inches<br>560 x 223 x 495 mm                         | 19 1/2 x 7 11/16 x 18 1/4 inches<br>495.6 x 195.3 x 463.6 mm                       | 19 1/2 x 7 7/10 x 18 13/50 inches<br>496 x 195 x 464 mm                            |               |
| Weight *4                                       |                                | Approx. 44 lb / 20kg   | Approx. 44 lb / 20kg   | Approx. 31 lb / 14 kg  | Approx. 31 lb / 14kg   |               |
| Supplied accessories                            | Remote commander               | RM-PJ24  | RM-PJ24  | RM-PJ24  | RM-PJ24  |               |
| Optional accessories                            | Replacement lamp               | -  | -  | LMP-H280   | LMP-H220   |               |
|   | Projection lenses              | VPLL-Z7008 (Short Throw Lens)  | -  | -  | -  |               |
|   | 3D Glasses                     | TDG-BT500A   | TDG-BT500A   | TDG-BT500A   | TDG-BT500A   |               |



### IMPORTANT NOTICE

This equipment is assigned a Model No. VPL-VW885ES and VPL-VW995ES for regulatory compliance certifications. The number is indicated on the model number label on product along with the rated voltage and current.

#### LASER NOTICES

For the U.S.A.

IEC 60825-1:2007 CLASS 3R LASER PRODUCT

For other countries

IEC 60825-1:2014 CLASS 1 LASER PRODUCT



As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.

### IMPORTANT NOTICE

This equipment is assigned a Model No. VPL-VW5000 for regulatory compliance certifications. The number is indicated on the model number label on product along with the rated voltage and current.

#### LASER NOTICES

For the U.S.A. and Canada

IEC 60825-1:2007

For other countries

IEC 60825-1:2014



CLASS 1 LASER PRODUCT  
RISK GROUP 2 to IEC 62471:2006  
Caution: Possibly hazardous optical radiation emitted from this product.



### IMPORTANT NOTICE

This equipment is assigned a Model No. VPL-VZ1000 for regulatory compliance certifications. The number is indicated on the model number label on product along with the rated voltage and current.

#### LASER NOTICES

For the U.S.A. and Canada

IEC 60825-1:2007

For other countries

IEC 60825-1:2014



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