

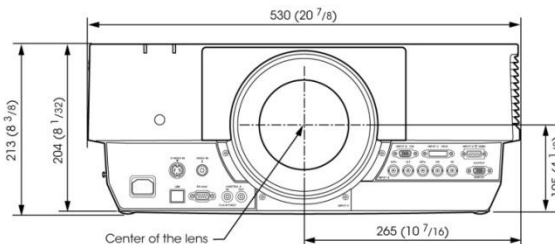
## Versatile Installation Projector VPL-FH500L

### Key Features

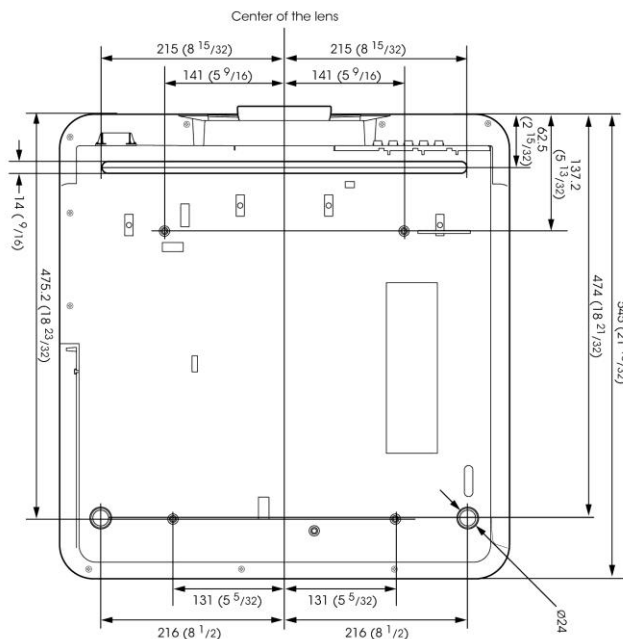
- 7,000 lumens
- Native WUXGA (1,920 x 1,200) resolution
- Bright Era™ Long Lasting Optics
- Redundant lamp system (for back up)
- Compatibility with Sony existing lenses
- Vertical +/-113%, Horizontal +/-63% Lens Shift
- Picture by picture function
- Network control and monitoring
- DICOM GSDF simulation gamma mode
- Synchronized lamp and filter maintenance cycle (up to 8,000h\*\*)
- Rich interface terminals including 1xDVI-D and 1xHDMI
- Optional adaptor slot for HD-SDI/SDI signal compatibility
- Clean-looking back design
- Low power consumption

### Dimensions (Front)

Unit: mm (inches)



### Dimensions (Bottom)



Optical	
Light Output / Color Light Output	7000 lumens (high mode) 5600 lumens (Std lamp mode)
LCD Panels	0.95" x 3 BrightEra LCD Panel
Panel Display Resolution	WUXGA (1920 x 1200 dots)
Contrast Ratio	2,500:1 (Full white/full black) *
Light source	330W type lamp (twin lamp system)
Lamp replacement time**	6000H(High) / 8000H(Standard)
Filter replacement cycle**	Same time as the lamp replacement
Projection Lens	Optional
Throw Ratio	depends on the lens
Screen Size	40" to 600" (depend on the lens)

Interface		
Computer and Video Input/Output	INPUT A	5BNC (RGB / Y Pb Pr)
	INPUT B	Mini D-sub 15-pin (RGB)
	INPUT C	DVI-D (HDCP support)
	INPUT D	HDMI
	INPUT E	Optional adaptor slot (for HD-SDI/SDI)
	S VIDEO IN	Mini DIN-4pin
	VIDEO IN	BNC
Control Signal Input/Output	OUTPUT	Mini D-sub 15-pin (from INPUT A and B)
	RS-232C	D-sub 9 pin
	LAN	RJ45, 10BASE-T/100BASE-TX
	Control S	Stereo mini jack (IN(DC5V)/OUT)

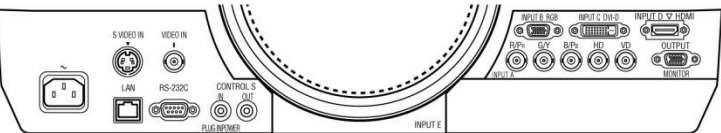
General		
Scanning Frequency	H: 14 to 93kHz, V: 47 to 93Hz	
Display Resolution	Computer signal input	Maximum display resolution : 1920x1200 dots
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/48i***, 1080/24p, 1080/30p***
Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
UPC Code	0 27242 79954 7	
Power Requirements	AC 100V to 240V, 50Hz/60Hz	
Power Consumption	490W (AC 100V-120V) 460W (AC 220V-240V)	
Standby Mode Power Consumption	11W (Std) / 0.1W (Low) (AC 100-120V) 10W (Std) / 0.2W (Low) (AC 220V-240V)	
Dimensions (W x H x D)	530 x 213 x 545 mm 20 7/8 x 8 3/8 x 21 15/32"	
Mass	20.0kg 44 lbs. 1 oz.	

Optional Accessories	
Replacement Lamp	LMP-F330
Projection Lens Adapter	PK-F500LA1, PK-F500LA2
Replacement Filter	Supplied with LMP-F330
Replacement Remote	1-489-092-11 (RM-PJ19)
HD-SDI/SDI Input Adaptor	BKM-PJ20

\* The value is average with lamp dimming.  
 \*\* The figures are expected maintenance time and not guaranteed.  
 They will depend on the environment or how the projector is used.  
 \*\*\* Available via BKM-FW16

Visit [sony.com/projectors](http://sony.com/projectors) for more information

### Connector Panels



# VPL-FH500L Compatible Optional Lenses

Lens Model Name	Production	Zoom/Focus	Lens Shift Range (V,H)	Aperture (F=)	Screen Size	All-Range Crisp Focus	Required Lens Adaptor	Throw Ratio	Thro Ratio Chart												
									1	2	3	4	5	6	7	8	9	11			
VPLL-FM22	Current	No / Manual	-	2.00	40" - 300"	-	PK-F500LA2	0.87													
VPLL-ZM32	Discontinued	Manual 1.1x	+/- 59%, 31%	1.76 - 1.96	40" - 300"	-	PK-F500LA2	1.45 - 1.59													
VPLL-ZM42	Current	Manual 1.3x	+/- 59%, 31%	1.74 - 2.28	40" - 300"	-	PK-F500LA2	1.83 - 2.32													
VPLL-ZP41	Discontinued	Powered 1.15x	+/- 113%, 63%	1.70 - 2.00	40" - 300"	-	PK-F500LA1	2.48 - 2.71													
VPLL-ZM102	Current	Manual 1.5x	+/- 59%, 31%	2.04 - 2.57	40" - 300"	-	PK-F500LA2	3.28 - 4.83													
VLL-Z4007	Current	Manual 1.2x	+/- 15%, 6%	1.85 - 2.1	60" - 300"	Yes	-	0.68-0.8:1													
VPLL-4008	Current	No / Manual	+/- 41%, 19%	2.00	40" - 600"	Yes	-	1.08													
VPLL-Z4011	Current	Powered 1.5x	+/- 110%, +/- 57%	1.75 - 2.4	60" - 600"	Yes	-	1.38 - 2.06													
VPLL-Z4015	Current	Powered 1.4x	+/- 109%, 57%	2.20 - 2.60	40" - 600"	Yes	-	2.02 - 2.67													
VPLL-Z4019	Current	Powered 1.3x	+/- 113%, 63%	1.70 - 2.10	40" - 600"	Yes	-	2.62 - 3.36													
VPLL-Z4025	Current	Powered 1.9x	+/- 113%, 63%	2.20 - 3.10	40" - 600"	Yes	-	3.30 - 6.11													
VPLL-Z4045	Current	Powered 1.8x	+/- 113%, 63%	2.20 - 3.60	60" - "600	Yes	-	6.08 - 10.52													

-VPL-PX40 series standard lens cannot be attached with VPL-FH500L. VPLL-ZM42 is substitutable.

-VPL-FX50 series standard lens cannot be attached with ceiling mounted VPL-FH500L.

-All Figures are approximate.