

SONY

3LCD Laser Light Source Projector

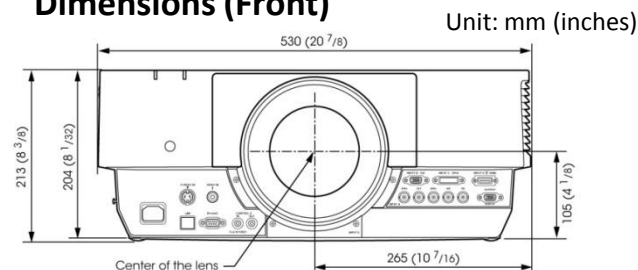
VPL-FHZ700L

Key Features

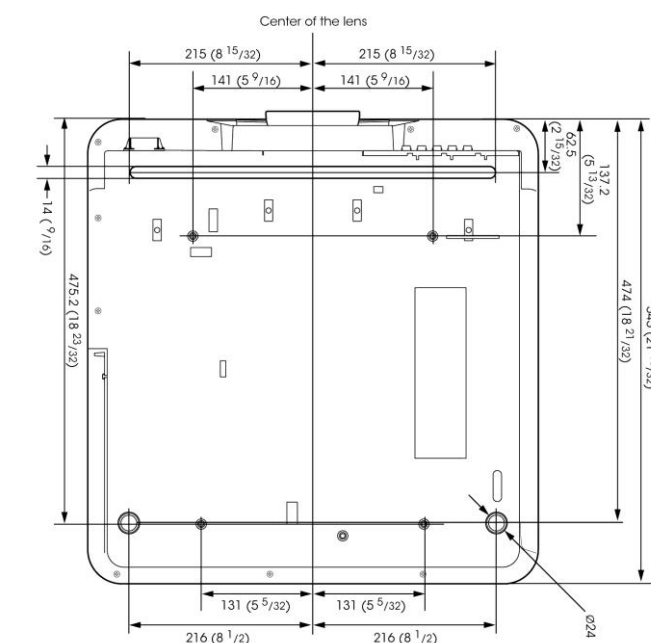
- 7,000 lumens
- Native WUXGA (1,920 x 1,200) resolution
- Bright Era® Long Lasting Optics
- Laser Light Source and 3LCD Optical System
- 20,000h* Maintenance-free
- Instant ON/OFF
- Tilt Angle Free
- Compatibility with Sony existing lenses
- Up to Vertical +/-113%, Horizontal +/-63% Lens Shift
- Advanced Geometric Correction
- Edge Blending
- Constant Brightness Mode
- Rich interface terminals including 1xDVI-D and 1xHDMI
- Optional adaptor slot for HDBaseT™ compatibility
- Energy-efficient Functions
- Only 497W Low power consumption

*Actual hours may vary depending on usage environment

Dimensions (Front)



Dimensions (Bottom)



WUXGA/7,000lm

Optical		
Light Output / Color Light Output		7000 lumens (high mode) 5600 lumens (Std. mode)
LCD Panels		0.95" x 3 BrightEra LCD Panel
Panel Display Resolution		WUXGA (1920 x 1200 dots)
Contrast Ratio		8,000:1 (Full white/full black) *
Light source		Laser diode
Projection Lens		Optional
Throw Ratio		depends on the lens
Screen Size		40" to 600" (depends 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 HDBaseT)
	S VIDEO IN	Mini DIN-4pin
	VIDEO IN	BNC
	OUTPUT	Mini D-sub 15-pin (from INPUT A and B)
Control Signal Input/Output	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, 1080/24p
Color System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
UPC Code		0 27242 87998 0 (Color : W) 0 27242 87999 7 (Color : B)
Power Requirements		AC 100V to 240V, 5.0A to 2.1A, 50Hz/60Hz
Power Consumption		497W (AC 100V-120V) 476W (AC 220V-240V)
Standby Mode Power Consumption		12.2W (Std) / 0.1W (Low) (AC 100-120V) 8.4W (Std) / 0.5W (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		22kg / 47 lb
Optional Accessories		
Projection Lens Adaptor		PK-F500LA2 (for VPLL-ZM42 lens)
Digital Interface Adaptor		BKM-PJ10 (HDBaseT)
HD-SDI Interface Adaptor		BKM-PJ20
Service Parts		
Replacement Filter		4-184-548-01
Replacement Remote		1-492-891-11 (RM-PJ27)

* The value is average.

Connector Panels



visit www.sony.com/laser for details

VPL-FHZ700L Optional Lenses

Lens Model Name	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	No / Manual	-	2.00	40" - 300"	-	PK-F500LA2	0.87	0.87													
VPLL-ZM42	Manual 1.3x	+/- 59%, 31%	1.74 - 2.28	40" - 300"	-	PK-F500LA2	1.83 - 2.32	1.83	2.32												
VPLL-ZM102	Manual 1.5x	+/- 59%, 31%	2.04 - 2.57	40" - 300"	-	PK-F500LA2	3.28 - 4.83	3.28	4.83												
VLL-Z4007	Manual 1.2x	+/-15%, 6%	1.85 - 2.1	60" - 300"	Yes	-	0.68-0.8:1														
VPLL-4008	No / Manual	+/- 41%, 19%	2.00	40" - 600"	Yes	-	1.08	1.08													
VPLL-Z4011	Powered 1.5x	+/-110%, +/-57%	1.75 - 2.4	60" - 600"	Yes	-	1.38 - 2.06	1.38	2.06												
VPLL-Z4015	Powered 1.4x	+/- 109%, 57%	2.20 - 2.60	40" - 600"	Yes	-	2.02 - 2.67	2.02	2.67												
VPLL-Z4019	Powered 1.3x	+/- 113%, 63%	1.70 - 2.10	40" - 600"	Yes	-	2.62 - 3.36	2.62	3.36												
VPLL-Z4025	Powered 1.9x	+/- 113%, 63%	2.20 - 3.10	40" - 600"	Yes	-	3.30 - 6.11	3.30	6.11												
VPLL-Z4045	Powered 1.8x	+/- 113%, 63%	2.20 - 3.60	60" - "600	Yes	-	6.08 - 10.52	6.08	10.52												

*All figures are approximate