

Sony Home Cinema Feature Step Up Chart



Picture Quality														Ease of Use											
Model	Image	Brightness	Processor	Light Source	Clarity			Color Space *BT709 Coverage	Contrast			Motion flow	Picture Position	Game	HDR Compatibility										
					Resolution	Lens	Engine		Contrast	Dynamic Contrast Control	HDR				Format	Band width									
GTZ380		10,000 lm	X1 Ultimate for projector	Laser Z-Phosphor LASER LIGHT SOURCE	4K HDR	ARC-F Lens	Object-based Super Resolution	Digital Focus Optimizer	TRILUMINOS DISPLAY	∞:1	Dynamic Laser Control	Advanced Iris	Dynamic HDR Enhancer	Motion flow (4K/2K)	Picture Position Memory	4K60p Input Lag Reduction	HDR10/HLG	18Gbps							
VW5000ES		5,000 lm																	Super Resolution	Digital Focus Optimizer	TRILUMINOS DISPLAY	∞:1	Dynamic Laser Control	Advanced Iris	Dynamic HDR Enhancer
VW870ES		2,200 lm																							
VW790ES		2,000 lm	X1 for projector			Super Resolution+	Digital Focus Optimizer	TRILUMINOS DISPLAY	350,000:1	Dynamic Laser Control	Advanced Iris	Dynamic HDR Enhancer													
VW590ES		1,800 lm											Super Resolution						Digital Focus Optimizer	TRILUMINOS DISPLAY	N/A	Dynamic Laser Control	Advanced Iris	Dynamic HDR Enhancer	
VW270ES		1,500 lm				Super Resolution	Digital Focus Optimizer	TRILUMINOS DISPLAY	N/A	Dynamic Laser Control	Advanced Iris	Dynamic HDR Enhancer													
VZ1000ES		2,500 lm		Laser Z-Phosphor LASER LIGHT SOURCE	4K HDR								UST Lens	Super Resolution	Digital Focus Optimizer	TRILUMINOS DISPLAY	∞:1				Motion flow (4K/2K)		4K60p Input Lag Reduction	HDR10/HLG	18Gbps

# 4K HDR Content Bandwidth Requirements



CONTENT				REQUIREMENT
RESOLUTION/ DYNAMIC RANGE	FRAME RATE (FPS)	COLOR SAMPLING	COLOR DEPTH	BANDWIDTH
4K HDR	24	4:2:2	8 BIT	8.9 Gbps
4K HDR	24	4:2:2	10 BIT	8.9 Gbps
4K HDR	24	4:2:2	12 BIT	8.9 Gbps
4K HDR	24	4:4:4	8 BIT	8.9 Gbps
4K HDR	24	4:4:4	10 BIT	11.1 Gbps
4K HDR	24	4:4:4	12 BIT	13.4 Gbps
4K HDR	60	4:2:0	8 BIT	8.9 Gbps
4K HDR	60	4:2:0	10 BIT	11.1 Gbps
4K HDR	60	4:2:0	12 BIT	13.4 Gbps
4K HDR	60	4:2:2	8 BIT	17.8 Gbps
4K HDR	60	4:2:2	10 BIT	17.8 Gbps
4K HDR	60	4:2:2	12 BIT	17.8 Gbps
4K HDR	60	4:4:4	8 BIT	17.8 Gbps