









Sony Home Cinema Feature Step Up Chart

★ Step up point

		Picture Quality											Ease of Use				
	Image	Brightness	Light Source	Clarity			Colour Space <small>*BT709 Coverage</small>	Contrast			Motion flow	Picture Position	Game	HDR Compatibility			
				Resolution	Lens	Engine		Contrast	Dynamic Contrast Control	HDR				Format	Band width		
VW5000ES		5,000 lm ★					TRILUMINOS DISPLAY 139% (w/Filter) ★										
VW870ES	 NEW	2,200 lm ★	Laser Z-Phosphor LASER LIGHT SOURCE ★		ARC-F Lens ★			∞:1 ★	Dynamic Laser Control ★	Advanced Iris ★							
VW760ES		2,000 lm ★		4K HDR ★		Reality Creation (4K/2K) By New Gen. 4K Processor ★	TRILUMINOS DISPLAY 127% ★				HDR Contrast ★		Motion flow (4K/2K) ★	Picture Position Memory ★	4K60p Input Lag Reduction ★	HDR10 / HLG ★	18Gbps ★
VW570ES	 NEW	1,800 lm ★						350,000:1 ★		Advanced Iris ★							
VW270ES	 NEW	1,500 lm ★						N/A									
HW65ES						Reality Creation (4K/2K)		120,000:1 ★		Advanced Iris ★							
HW45ES		1,800 lm				Reality Creation (2K)		N/A					Motion flow (2K)				
VZ1000ES		2,500 lm	Laser Z-Phosphor LASER LIGHT SOURCE	4K HDR		Reality Creation (4K/2K)	TRILUMINOS DISPLAY	∞:1			HDR Contrast		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