

Sony Home Cinema Feature Step Up Chart



		Picture Quality											Ease of Use							
	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						4K Lens						Super Resolution+	350,000:1	Dynamic HDR Enhancer
VW995ES	2,200 lm																			
VW915ES	2,000 lm	X1 for projector																		
VW715ES	1,800 lm																			
VW295ES	1,500 lm																			
HW65ES	1,800 lm		Laser Z-Phosphor LASER LIGHT SOURCE	4K HDR	UST Lens	Super Resolution	Digital Focus Optimizer	TRILUMINOS DISPLAY	120,000:1	Advanced Iris	Motion flow (2K)									
HW45ES	1,800 lm					Super Resolution (2K)														
VZ1000ES	2,500 lm					Super Resolution			∞: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