

OmniFocus™ Projection Systems

IMMERSIVE PROJECTION MADE SIMPLE

Looking for a simple way to immerse an audience inside of your virtual environments? Our OmniFocus™ Projection Systems require no edge blending and no alignment, and offer an infinite depth of focus. A single projector can fill an entire space - domes, arbitrary room shapes, globes, and more - with dynamic imagery.

SIMPLE, FLEXIBLE, AND RELIABLE

Combining The Elumenati's proprietary lens technology with industry-leading projectors, our OmniFocus™ Projection Systems all feature SuperXGA+ resolution, state of the art DarkChip DMD and/or LCOS imaging chipsets, high contrast ratios and a range of brightness from 3,200 to an astounding 20,000 lumens.

Dome Resolution	Product Name	Projector Type	Lumens	FOV (degrees)
1050 (Fulldome)	SX6f	1 Chip DLP	6,000	180 (fulldome)
	SX3	LCOS	4,000	ZOOM 135 to 180
1200 (Fulldome)	WU3	LCOS	3,200	ZOOM 122 to 170
	WU4f	1 Chip DLP	4,300	162
1400 x 1050	SX3/SX3-fold	LCOS	4,000	ZOOM 180x180 to 180x135
	SX6	1 Chip DLP	6,000	180x135
	SX8/SX12/SX16/SX20	3 Chip DLP	8,000/12,000/16,000/20,000	180x135
1920 x 1080	HD4	1 Chip DLP	4,000	195x100
	HD8/HD12	3 Chip DLP	8,000	195x100
1920 x 1200	WU3/WU3-fold	LCOS	3,200	ZOOM 195x122 to 180x180
	WU4	1 Chip DLP	4,300	195x122

WHY SINGLE-LENS?

As the quality, resolution, and brightness of video projectors have increased, single channel fisheye projection systems are increasingly being used in environments where multi-channel systems were once necessary. Omnifocus™ Projection Systems dramatically increase the overall simplicity and flexibility of immersive environment design, providing a number of pragmatic benefits over conventional multi-channel systems. These benefits include:

- + Infinite depth of field, enabling a variety of projector placements and screen surfaces
- + Rapid development of single-channel real-time applications
- + No multi-channel edge blending, content splicing and dicing, or color correction
- + No synchronization across multiple computer channels
- + Reduced overall cost for both content production and long-term system maintenance



OMNIFOCUS™: ULTRA WIDE PROJECTION, IN FOCUS EVERYWHERE