



**OPTIONAL LENS
REFERENCE GUIDE & THROW DISTANCES**

FOR PROJECTOR MODELS XL5900, XL5950 XL5980, XL6500 & XL6600

STANDARD ZOOM LENS

Model Number: N/A Throw Ratio: 1.9 - 2.4
Zoom/Focus: Power Off-Set Axis: 19 (up) : 1(down)

Approximate Throw Distances

Diagonal Screen Size (inch)	40	60	100	120	150	180	200	240	300
Screen Width (inch)	32	48	80	96	120	144	160	192	240
Min. Throw Distance (feet)	N/A	7.6	12.7	15.2	19.0	22.8	25.3	30.4	38.0
Max. Throw Distance (feet)	N/A	9.6	16.0	19.2	24.0	28.8	32.0	38.4	48.0

OPTIONAL SHORT THROW FIXED LENS (For rear projection / retro applications)

Model Number: **OL-X500FR** Throw Ratio: 0.8
Zoom/Focus: Manual Focus Off-Set Axis: 1:1



Approximate Throw Distances

Diagonal Screen Size (inch)	40	60	100	120	150	180	200	240	300
Screen Width (inch)	32	48	80	96	120	144	160	192	240
Min. Throw Distance (feet)	N/A	3.2	5.3	6.4	8.0	9.6	10.7	12.8	16.0
Max. Throw Distance (feet)	N/A	3.2	5.3	6.4	8.0	9.6	10.7	12.8	16.0

OPTIONAL SHORT THROW POWER ZOOM LENS

Model Number: **OL-X500SZ** Throw Ratio: 1.3 - 1.6
Zoom/Focus: Power Off-Set Axis: 19 (up) : 1(down)



Approximate Throw Distances

Diagonal Screen Size (inch)	40	60	100	120	150	180	200	240	300
Screen Width (inch)	32	48	80	96	120	144	160	192	240
Min. Throw Distance (feet)	N/A	5.2	8.7	10.4	13.0	15.6	17.3	20.8	26.0
Max. Throw Distance (feet)	N/A	6.4	10.7	12.8	16.0	19.2	21.3	25.6	32.0

OPTIONAL LONG THROW MANUAL ZOOM LENS

Model Number: **OL-X500LZ** Throw Ratio: 2.4 - 3.3
Zoom/Focus: Manual Off-Set Axis: 19 (up) : 1(down)



Approximate Throw Distances

Diagonal Screen Size (inch)	40	60	100	120	150	180	200	240	300
Screen Width (inch)	32	48	80	96	120	144	160	192	240
Min. Throw Distance (feet)	N/A	9.6	16.0	19.2	24.0	28.8	32.0	38.4	48.0
Max. Throw Distance (feet)	N/A	13.2	22.0	26.4	33.0	39.6	44.0	52.8	66.0

OPTIONAL SUPER LONG THROW MANUAL ZOOM LENS

Model Number: **OL-X500TZ** Throw Ratio: 3.4 - 5.2
Zoom/Focus: Manual Off-Set Axis: 19 (up) : 1(down)



Approximate Throw Distances

Diagonal Screen Size (inch)	40	60	100	120	150	180	200	240	300
Screen Width (inch)	32	48	80	96	120	144	160	192	240
Min. Throw Distance (feet)	N/A	13.6	22.7	27.2	34.0	40.8	45.3	54.4	68.0
Max. Throw Distance (feet)	N/A	20.8	34.7	41.6	52.0	62.4	69.3	83.2	104.0

Approx. Calculation Formula: $Lens Throw Ratio \times Screen Width = Throw Distance$