



**Lens Chart**

**Attached Lens Projectors**

<b>EK-101X, EK-102X, EK-103X</b>								<b>H'</b>	3.0	4.5	6	7.5	9	12	15
Aspect Ratio: (4 : 3)								<b>W'</b>	4	6	8	10	12	16	20
								<b>D''</b>	60	90	120	150	180	240	300
								<b>Throw Distance to Screen in feet.</b>							
<b>Diagonal</b>				<b>T/W</b>		<b>Shift/Limits</b>									
Min: 30"				1.48		13:1		5.9 8.9 11.8 14.8 17.7 23.6 29.5							
Max: 300"				1.78		(fixed)		7.1 10.7 14.3 17.8 21.4 28.6 35.7							

<b>EK-302X</b>								<b>H'</b>	3.0	4.5	6	7.5	9	12	15
Aspect Ratio: (4 : 3)								<b>W'</b>	4	6	8	10	12	16	20
								<b>D''</b>	60	90	120	150	180	240	300
								<b>Throw Distance to Screen in feet.</b>							
<b>Diagonal</b>				<b>T/W</b>		<b>Shift/Limits</b>									
Min: 30"				1.40		13:1		5.6 8.4 11.2 14.0 16.9 22.5 28.1							
Max: 300"				2.26		(fixed)		9.0 13.6 18.1 22.6 27.1 36.2 45.2							

**For all models**

<b>Image Height for 16:9:</b> width stays the same as 4:3 (ignore Diagonal).	<b>H'</b>	2.25	3.38	4.50	5.63	6.75	9.00	11.25
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\* Large screen sizes are best used for background images / environmental purposes.

**How to use the T/W column.** If your screen size does not appear on this chart, use the T/W column to find the lens you need. Divide the Throw distance by the screen Width to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.

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