

Most Models				Screen Dimensions (H & W in ft., D in in.)								
Resolution: XGA (1024x768) or SVGA (800x600)				H'	2.0	3.0	5	6	7.5	9	12	15
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)				W'	2.67	4	6.67	8	10	12	16	20
Nominal Panel Size 0.79" Diagonal				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Lens	Shift/Limits	Distance (expressed in feet).								
LC-XB30/26/22, LC-SB21	1.25	0.787"~1.181" Manual, Zoom (20~30mm) f:1.7~2.5	9:1 (fixed)		3.3	5.0	8.3	10.0	12.5	15.0	19.9	24.9
LC-XB25/20/15, LC-SB20	1.87				5.0	7.5	12.5	15.0	18.7	22.4	29.9	-

LC-XB23				Screen Dimensions (H & W in ft., D in in.)								
Resolution: XGA (1024x768)				H'	2.0	3.0	5	6	7.5	9	12	15
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)				W'	2.67	4	6.67	8	10	12	16	20
Nominal Panel Size 0.6" Diagonal				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Lens	Shift/Limits	Distance (expressed in feet).								
LC-XB23	1.79	0.696"~1.087" Manual, Zoom (22.5~27 mm) f:1.65~1.81	10:1 (fixed)		4.8	7.2	11.9	14.3	17.9	21.5	28.6	35.8
	2.15				5.7	8.6	14.3	17.2	21.5	25.8	34.4	42.9

Notes

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height	(ft.)	1.50	2.25	3.75	4.50	5.63	6.75	9.00	11.25
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Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.
Specifications are subject to change without prior notice.

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.

Understanding Shift/Limits. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights
Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.

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