

<b>Most Models</b>				<b>Screen Dimensions (H &amp; W in ft., D in in.)</b>								
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 (0.8")				D"	40	60	100	120	150	180	240	300
Effective Aperture: 0.632 in. wide												
<b>Standard Lens</b>	<b>T/W</b>	<b>Lens</b>	<b>Shift/Limits</b>	<b>Distance (expressed in feet).</b>								
LC-XB30/28/26/22, LC-SB21	1.25	0.787"~1.181" Manual, Zoom	9:1	3.3	5.0	8.3	10.0	12.5	15.0	19.9	24.9	
LC-XB25/20/15, LC-SB20/15	1.87	(20~30mm) f:1.7~2.5	(fixed)	5.0	7.5	12.5	15.0	18.7	22.4	29.9	-	

<b>LC-XB23 &amp; LC-SB22</b>				<b>Screen Dimensions (H &amp; W in ft., D in in.)</b>								
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 0.6" Diagonal				D"	40	60	100	120	150	180	240	300
Effective Aperture: 0.491 in. wide												
<b>Standard Lens</b>	<b>T/W</b>	<b>Lens</b>	<b>Shift/Limits</b>	<b>Distance (expressed in feet).</b>								
LC-XB23, LC-SB22	1.80	0.696"~1.087" Manual, Zoom	10:1	4.8	7.2	12.0	14.4	18.0	21.6	28.9	36.1	
	2.16	(22.5~27 mm) f:1.65~1.81	(fixed)	5.8	8.7	14.4	17.3	21.6	26.0	34.6	43.3	

**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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