

**G SERIES Projectors (LC-XG210/200 & LC-XG110/100)**

Resolution: XGA (1024x768)  
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)  
 True Aperture: 0.792 in. wide

Screen Dimensions (H & W in ft., D in in.).

H"	1.5	3	4.5	6	7.5	9	12	15
W"	2	4	6	8	10	12	16	20
D"	30	60	90	120	150	180	240	300

EIKI Part No.	Ref.	T/W	Standard Lens	Shift/Limits	Distance (expressed in feet).							
Standard Lens		1.69	1.34"~1.73" Power, Zoom	10:0~1:1	3.4	6.8	10.2	13.5	16.9	20.3	27.1	33.8
		2.18	(34~44 mm) f:1.7~2.1		4.4	8.7	13.1	17.5	21.8	26.2	34.9	43.7

EIKI P/N	T/W	Auxiliary Lenses			Distance (expressed in feet).							
0001-4264		1.26	1.0" Manual, Fixed	8:1~1:1	2.5	5.1	7.6	10.1	12.6	15.2	20.2	25.3
			(25.4 mm) f:2.8									

AH-23511	W10	1.26	1.0"~1.3" Power, Zoom	10:0~1:1	2.5	5.1	7.6	10.1	12.6	15.2	20.2	25.3
		1.64	(25.4~33.0 mm) f:2.3~2.6		3.3	6.6	9.8	13.1	16.4	19.7	26.3	32.8

AH-23541	T10	2.16	1.71"~2.74" Power, Zoom	10:0~1:1	4.3	8.6	13	17.3	21.6	25.9	34.5	43.2
		3.46	(43.43~69.49 mm) f:2.0~2.6		6.9	13.8	20.8	27.7	34.6	41.5	55.4	69.2

0001-4269		2.49	1.97~2.76" Manual, Zoom	10:0~1:1	5.0	9.9	14.9	19.9	24.9	29.8	39.8	49.7
		3.48	(50~70 mm) f:2.5		7.0	13.9	20.9	27.9	34.8	41.8	55.8	69.7

0001-4266		3.47	2.75"~5.00" Manual, Zoom	10:0~1:1	6.9	13.9	20.8	27.8	34.7	41.7	55.6	69.4
		6.31	(70~120 mm) f:2.8		12.6	25.3	37.9	50.5	63.1	75.8	101	126

0001-4267		6.57	5.2"~8.7" Manual, Zoom	10:0~1:1	13.1	26.3	39.4	52.5	65.7	78.8	105.1	131.3
		10.98	(132~220 mm) f:3.0		22.0	43.9	65.9	87.9	110	131.8	175.8	219.7

0001-4268		7.58	6.00"~9.00" Manual, Zoom	10:0~1:1	15.2	30.3	45.5	60.6	75.8	90.9	121.2	151.5
		11.36	(152~229 mm) f:3.5		22.7	45.5	68.2	90.9	113.6	136.4	181.8	227

**E SERIES Projectors (LC-XE10 & LC-SE10)**

Resolution: XGA (1024x768) & SVGA (800x600)  
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)  
 True Aperture: 0.792 in. wide

Screen Dimensions (H & W in ft., D in in.).

H"	1.5	3	4.5	6	7.5	9	12	15
W"	2	4	6	8	10	12	16	20
D"	30	60	90	120	150	180	240	300

EIKI Part No.	Ref.	T/W	Standard Lens	Shift/Limits	Distance (expressed in feet).							
Standard Lens		1.67	1.32"~1.70" Power, Zoom	9:1		6.7	10	13.3	16.7	20	26.7	33.3
		2.15	(33.6~43.2 mm) f:1.7~2.1			8.6	12.9	17.2	21.5	25.8	34.3	-

**Notes:**

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height	1.13	2.25	3.38	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

**Understanding Lens Shift.** The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image height. 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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