

LC-SD15, LC-SD12, LC-SD10

Resolution: SVGA (800x600)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Nominal Panel Size 0.55 in Diagonal

Aperture: 0.44 in. wide

Screen Dimensions.

H'	1.7	3	4.5	6	7.5	9	10
W'	2.27	4	6	8	10	12	13.3
D"	34	60	90	120	150	180	200

EIKI Part No.	T/W	Shift (T:B)	Lens Description	EFL Throw (Distance to Screen) in feet.							
Standard Lens	1.64	9:1	0.721"~0.862" Manual, Zoom	0.72	-	6.6	9.8	13.1	16.4	19.7	21.8
LC-SD15/12/10	1.96	(fixed)	(18.3~21.9 mm) f:1.6~1.8	0.86	4.4	7.8	11.8	15.7	19.6	23.5	-

Notes

Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal)	H'	1.28	2.25	3.38	4.50	5.63	6.75	7.48
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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.

These charts are a simulation. Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations..

Calculations are from the front glass of the lens and accurate to approximately +/- 3%. Specifications are subject to change without notice.

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