



EK-850LU, EK1000LU, EK-1100LU, ES-LU85LZ, ES-LU10KLZ, ES-LU11KLZ

Screen Dimensions.

Resolution: WUXGA (1920x1200) Aspect Ratio: (16 : 10)

W(m)	1.31	1.52	1.83	2.16	2.44	3.05	3.66	4.33	4.88	5.49	6.46
H(m)	0.82	0.94	1.16	1.34	1.52	1.89	2.29	2.68	3.05	3.44	4.05
D"	60	70	85	100	113	141	170	200	226	255	300

Factory Specifications				Measurements and Calculations												
EIKI Part No.	Diagonal	Shift Range		Xtend	T/W	Throw (Distance to Screen) in Meter										
AH-EC22030	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus 1.4x Zoom	2.05 in	0.79	1.04	1.19	1.43	1.71	1.92	2.41	2.90	3.41	3.87	4.33	5.12
	Max: 500"	H: +/- 20%		52 mm	1.11	1.43	1.68	2.04	2.41	2.71	3.38	4.08	4.82	5.43	6.13	7.19
AH-EC21020	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus 2.3x Zoom	2.24 in	1.30	1.68	1.95	2.38	2.80	3.17	3.96	4.75	5.61	6.34	7.13	8.38
	Max: 500"	H: +/- 20%		57 mm	3.02	3.90	4.54	5.52	6.52	7.35	9.20	11.03	13.01	14.72	16.55	19.51
AH-EC21030	Min: 40"	V: -10% ~ +50%	Manual Zoom and Focus 2.0x Zoom	1.18 in	1.46	1.89	2.19	2.65	3.14	3.57	4.45	5.33	6.28	7.10	7.99	9.42
	Max: 500"	H: +/- 30%		30 mm	2.95	3.81	4.45	5.39	6.37	7.19	8.99	10.79	12.71	14.39	16.18	19.05
AH-EC24010	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus 2.0x Zoom	2.80 in	2.99	3.87	4.51	5.46	6.46	7.28	9.11	10.91	12.89	14.57	16.37	19.29
	Max: 500"	H: +/- 20%		71 mm	5.93	7.68	8.93	10.85	12.83	14.45	18.07	21.67	25.54	28.90	32.52	38.40
AH-EC23030	Min: 60"	V: -10% ~ +50%	Manual Zoom and Focus 1.52x Zoom	0.71 in	4.59	5.94	6.92	8.41	9.94	11.22	13.99	16.79	19.81	22.40	25.21	29.69
	Max: 500"	H: +/- 30%		18 mm	7.02	9.08	10.61	12.83	15.21	17.13	21.40	25.69	30.30	34.26	38.53	45.42

Xtend: Distance lens extends beyond projector when installed.

How to use the Throw Ratio (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.

These tables are a simulation. They are the result of averaging and rounding.
 Lens performance is actually not linear, and non-mathematical: variations in behavior do occur.
Calculations are from the front glass of the lens and accurate to approximately +/- 3%.
Specifications are subject to change without notice.