LENSES FOR EK-850LU, EK-900LU, EK-1000LU, EK-1100LU, EK-1300LU 29-Jul-24

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

Screen Dimensions.

H'	2.7	3.1	3.8	4.4	5.0	6.2	7.5	8.8	10.0	11.3	13.3
W'	4.3	5.0	6.0	7.1	8.0	10.0	12.0	14.2	16.0	18.0	21.2
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 feet.**										
AH-EC22030	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus	2.05 in	0.79	3.4	3.9	4.7	5.6	6.3	7.9	9.5	11.2	12.7	14.2	16.8
	Max: 500"	H: +/- 20%	1.4x Zoom	52 mm	1.11	4.7	5.5	6.7	7.9	8.9	11.1	13.4	15.8	17.8	20.1	23.6
AH-EC21020	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus	2.24 in	1.30	5.5	6.4	7.8	9.2	10.4	13.0	15.6	18.4	20.8	23.4	27.5
	Max: 500"	H: +/- 20%	2.3x Zoom	57 mm	3.02	12.8	14.9	18.1	21.4	24.1	30.2	36.2	42.7	48.3	54.3	64.0
AH-EC21030	Min: 40"	V: -10% ~ +50%	Manual Zoom and Focus	1.18 in	1.46	6.2	7.2	8.7	10.3	11.7	14.6	17.5	20.6	23.3	26.2	30.9
	Max: 500"	H: +/- 30%	2.0x Zoom	30 mm	2.95	12.5	14.6	17.7	20.9	23.6	29.5	35.4	41.7	47.2	53.1	62.5
AH-EC24010	Min: 50"	V: -10% ~ +50%	Power Zoom and Focus	2.80 in	2.99	12.7	14.8	17.9	21.2	23.9	29.9	35.8	42.3	47.8	53.7	63.3
	Max: 500"	H: +/- 20%	2.0x Zoom	71 mm	5.93	25.2	29.3	35.6	42.1	47.4	59.3	71.1	83.8	94.8	106.7	126
AH-EC23030	Min: 60"	V: -10% ~ +50%	Manual Zoom and Focus	0.71 in	4.59	19.5	22.7	27.6	32.6	36.8	45.9	55.1	65.0	73.5	82.7	97.4
	Max: 500"	H: +/- 30%	1.52x Zoom	18 mm	7.02	29.8	34.8	42.1	49.9	56.2	70.2	84.3	99.4	112.4	126.4	149

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.

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