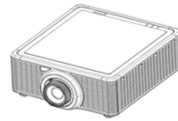


**LENSES FOR EK-815U**

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



**Screen Dimensions.**

<b>H'</b>	2.2	4.4	5.0	6.2	7.5	8.8	10.0	11.3	13.3
<b>W'</b>	3.5	7.1	8.0	10.0	12.0	14.2	16.0	18.0	21.2
<b>D"</b>	50	100	113	141	170	200	226.4	255	300

Factory Specifications - Standard Lens				Measurements and Calculations									
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.								
AH-A22050	A06	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	1.22	4.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8
				1.53	5.4	10.8	12.2	15.3	18.4	21.6	24.5	27.5	32.4

Factory Specifications - Auxiliary Lenses				Measurements and Calculations										
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.									
AH-A25010*	A16	Min: 50" Max: 300"		Advanced Installation	0.36			2.9	3.6	4.4	5.2	5.8	6.6	7.7

AH-A22010A	A15	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	0.75	2.7	5.3	6.0	7.5	9.0	10.7	12.1	13.6	16.0
				0.95	3.4	6.7	7.6	9.5	11.4	13.4	15.2	17.0	20.1

AH-A22020	A01	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	0.95	3.4	6.7	7.6	9.5	11.4	13.4	15.2	17.0	20.1
				1.22	4.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8

AH-A21010	A03	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	1.52	5.4	10.8	12.2	15.2	18.3	21.5	24.3	27.4	32.2
				2.92	10.3	20.7	23.4	29.2	35.1	41.4	46.8	52.6	62.0

AH-A23010	A13	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	2.90	10.3	20.6	23.2	29.0	34.8	41.1	46.5	52.3	61.5
				5.50	19.5	38.9	44.0	55.0	66.0	77.8	88.0	99.0	116.6

0001-5045	500	Min: ∞ Max: ∞	V: +/- 50% H: +/- 15%	4.85	17.2	34.3	38.8	48.5	58.2	68.6	77.6	87.3	102.8
				8.66	30.6	61.3	69.3	86.6	103.9	122.5	138.5	155.8	183.5

0001-5046	087	Min: ∞ Max: ∞	V: +/- 50% H: +/- 15%	9.15	32.4	64.8	73.2	91.5	109.9	129.5	146.5	164.8	194.1
				15.24	53.9	107.9	121.9	152.4	182.8	215.6	243.8	274.2	344

**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.

\* Please call Eiki Support before ordering this lens Tel. 800/242-3454 option 4

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.