



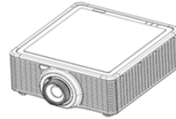
Projectors... and more!

Resolution: WUXGA (1920x1200)

Aspect Ratio: (16 : 10)

LENSES FOR EK-812U

31-Oct-19



Screen Dimensions.

H'	2.2	4.4	5.0	6.2	7.5	8.8	10.0	11.3	13.3
W'	3.5	7.1	8.0	10.0	12.0	14.2	16.0	18.0	21.2
D"	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"	V: +/- 50%		1.22	4.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8
		Max: 300"	H: +/- 15%		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.		Diagonal	Shift Range		T/W	Throw (Distance to Screen) in feet.								
AH-A25010*		Min: 120"			0.36			2.9	3.6	4.4	5.2	5.8	6.6	7.7
		Max: 350"		Advanced Installation										

AH-A22010B		Min: 50"			0.75	2.7	5.3	6.0	7.5	9.0	10.7	12.1	13.6	16.0
		Max: 300"	H: +/- 15%		0.95	3.4	6.7	7.6	9.5	11.4	13.4	15.2	17.0	20.1

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

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

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

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

0001-5046		Min: ∞	V: +/- 50%		9.15	32.4	64.8	73.2	91.5	109.9	129.5	146.5	164.8	194.1
		Max: ∞	H: +/- 15%		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.

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