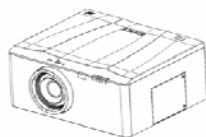


EIKI Lens Chart

LENSES FOR EK-610U/A

April 12, 2017.

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



Screen Dimensions.

H'	1.7	4.4	5.0	6.2	7.5	8.8	10.0	11.3	13.3
W'	2.7	7.1	8.0	10.0	12.0	14.2	16.0	18.0	21.2
D''	38	100	113	141	170	200	226	255	300

Factory Specifications				Measurements and Calculations									
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.								
AH-A22030*	A02	Min: 50"	V: +/- 50%	1.22	3.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8
		Max: 300"	H: +/- 15%	1.53	4.1	10.8	12.2	15.3	18.4	21.6	24.5	27.5	32.4

AH-A22010A includes lens ring	A15	Min: 50"	V: +/- 50%	0.75	2.0	5.3	6.0	7.5	9.0	10.7	12.1	13.6	16.0
		Max: 300"	H: +/- 15%	0.95	2.5	6.7	7.6	9.5	11.4	13.4	15.2	17.0	20.1

AH-A22020	A01	Min: 50"	V: +/- 50%	0.95	2.5	6.7	7.6	9.5	11.4	13.4	15.2	17.0	20.1
		Max: 300"	H: +/- 15%	1.22	3.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8

AH-A21010	A03	Min: 50"	V: +/- 50%	1.52	4.1	10.8	12.2	15.2	18.3	21.5	24.3	27.4	32.2
		Max: 300"	H: +/- 15%	2.92	7.8	20.7	23.4	29.2	35.1	41.4	46.8	52.6	62.0

AH-A23010	A13	Min: 50"	V: +/- 50%	2.90	7.8	20.6	23.2	29.0	34.8	41.1	46.5	52.3	61.5
		Max: 300"	H: +/- 15%	5.50	14.7	38.9	44.0	55.0	66.0	77.8	88.0	99.0	116.6

AH-A22040**	A05	Min: 50"	V: +/- 50%	1.22	3.3	8.6	9.7	12.2	14.6	17.2	19.5	21.9	25.8
		Max: 300"	H: +/- 15%	1.53	4.1	10.8	12.2	15.3	18.4	21.6	24.5	27.5	32.4

0001-5045	500	Min: ∞	V: +/- 50%	4.85	12.9	34.3	38.8	48.5	58.2	68.6	77.6	87.3	102.8
		Max: ∞	H: +/- 15%	8.66	23.1	61.3	69.3	86.6	103.9	122.6	138.6	144	184

0001-5046	087	Min: ∞	V: +/- 50%	9.15	24.4	64.8	73.2	91.5	109.9	129.5	146.5	164.8	194.1
		Max: ∞	H: +/- 15%	15.24	40.7	107.9	121.9	152.4	182.9	215.6	243.8	144	323

- * Standard lens (47 line pair/mm)
- ** Superior Image Quality (67 line pair/mm)

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.**