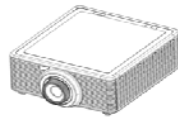


Eiki Lens Chart

LENSES FOR EK-620U

Aug. 31, 2017.

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



Screen Dimensions.

H'	2.2	4.4	5.0	6.2	7.5	8.8	11.3	13.3	15.0	17.7	H'
W'	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2	24.0	28.3	W'
D"	50	100	113	141	170	200	255	300	340	400	D"

Factory Specifications - Standard Lens				Measurements and Calculations												
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw Distance to Screen in feet.										EFL	
AH-A22030*	A02	Min: 50"	V: +/- 50%	f:2.0~2.3	1.22	4.3	8.6	9.7	12.2	14.6	17.2	21.9	25.8	29.2	34.4	0.69
		Max: 300"	H: +/- 15%		1.53	5.4	10.8	12.2	15.3	18.4	21.6	27.5	32.4	36.7	43.2	0.87

Factory Specifications - Auxiliary Lenses				Measurements and Calculations											
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw Distance to Screen in feet.										EFL
AH-A25010	A16	Min: 50"	Advanced Installation****	0.36			2.8	3.6	4.3	5.0	6.4	7.5	8.5	10	0.20
		Max: 300"													

AH-A22010A	A15	Min: 50"	V: +/- 50%	f:2.3~2.53	0.75	2.7	5.3	6.0	7.5	9.0	10.7	13.6	16.0	18.1	21.3	0.428
		Max: 300"	H: +/- 15%		0.95	3.4	6.7	7.6	9.5	11.4	13.4	17.0	20.1	22.7	26.8	0.54

AH-A22020	A01	Min: 50"	V: +/- 50%	f:2.3~2.57	0.95	3.4	6.7	7.6	9.5	11.4	13.4	17.0	20.1	22.7	26.8	0.54
		Max: 300"	H: +/- 15%		1.22	4.3	8.6	9.7	12.2	14.6	17.2	21.9	25.8	29.2	34.4	0.69

AH-A21010	A03	Min: 50"	V: +/- 50%	f:2.3~3.3	1.52	5.4	10.8	12.2	15.2	18.3	21.5	27.4	32.2	36.5	43.0	0.86
		Max: 300"	H: +/- 15%		2.92	10.3	20.7	23.4	29.2	35.1	41.4	52.6	62.0	70.1	82.6	1.66

AH-A23010	A13	Min: 50"	V: +/- 50%	f:2.3~2.4	2.90	10.3	20.6	23.2	29.0	34.8	41.1	52.3	61.5	69.7	82.0	1.65
		Max: 300"	H: +/- 15%		5.50	19.5	38.9	44.0	55.0	66.0	77.8	99.0	116.6	132.0	155	3.12

AH-A22040**	A05	Min: 50"	V: +/- 50%	f:2.0~2.3	1.22	4.3	8.6	9.7	12.2	14.6	17.2	21.9	25.8	29.2	34.4	0.69
		Max: 300"	H: +/- 15%		1.53	5.4	10.8	12.2	15.3	18.4	21.6	27.5	32.4	36.7	43	0.87

AH-A22050***	A06	Min: 50"	V: +/- 50%	f:2.0~2.3	1.22	4.3	8.6	9.7	12.2	14.6	17.2	21.9	25.8	29.2	34	0.69
		Max: 300"	H: +/- 15%		1.53	5.4	10.8	12.2	15.3	18.4	21.6	27.5	144	37	43	0.87

0001-5045	500	Min: ∞	V: +/- 50%	f:2.8	4.85	17.2	34.3	38.8	48.5	58.2	68.6	87.2	102.8	116.3	137	2.75
		Max: ∞	H: +/- 15%		8.66	30.7	61.3	69.3	86.6	103.9	122.6	155.9	144	208	245	4.92

0001-5046	087	Min: ∞	V: +/- 50%	f:3.5	9.15	32.4	64.8	73.2	91.5	109.8	129.4	164.7	193.9	219.5	258	5.20
		Max: ∞	H: +/- 15%		15.24	53.9	107.9	121.9	152.4	182.9	215.6	274.3	323.0	366	431	8.66

- * Standard lens (47 line pair/mm)
- ** Superior Image Quality (67 line pair/mm)
- *** Heavy Duty Construction (67 line pair/mm)
- **** **Please call Eiki Support before ordering this lens Tel. 800/242-3454 option 4**

How to use the 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.

In Canada: Tel: 800-563-3454, E-mail: canada@eiki.com
Website: <http://www.eiki.com>