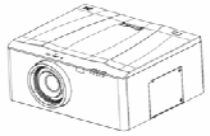
EIKI Lens Chart

LENSES FOR EK-612X/A

April 12, 2017.

Resolution: XGA (1024x768)
Aspect Ratio: (4 : 3)



Screen Dimensions.

H'	3	5	6	8	9	11	12	14	15
W'	4.0	7.1	8.0	10.0	12.0	14.2	16.0	18.0	20.0
D"	60	106.1	120	150	180	212.2	240	270	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%		1.26	5.1	9.0	10.1	12.6	15.2	17.9	20.2	22.8	25.3
		Max: 300"	H: +/- 15%		1.58	6.3	11.2	12.6	15.8	19.0	22.4	25.3	28.4	31.6
AH-A22010A	A15	Min: 50"	V: +/- 50%		0.78	3.1	5.5	6.3	7.8	9.4	11.1	12.5	14.1	15.6
includes lens ring		Max: 300"	H: +/- 15%		0.99	4.0	7.0	7.9	9.9	11.9	14.0	15.9	17.8	19.8
AH-A22020	A01	Min: 50"	V: +/- 50%		0.99	4.0	7.0	7.9	9.9	11.9	14.0	15.9	17.8	19.8
		Max: 300"	H: +/- 15%		1.26	5.1	9.0	10.1	12.6	15.2	17.9	20.2	22.8	25.3
AH-A21010	A03	Min: 50"	V: +/- 50%		1.58	6.3	11.2	12.6	15.8	19.0	22.4	25.3	28.4	31.6
		Max: 300"	H: +/- 15%		3.00	12.0	21.2	24.0	30.0	36.0	42.5	48.0	54.0	60.0
AH-A23010	A13	Min: 50"	V: +/- 50%		3.00	12.0	21.2	24.0	30.0	36.0	42.5	48.0	54.0	60.0
		Max: 300"	H: +/- 15%		5.70	22.8	40.4	45.6	57.0	68.4	80.7	91.2	102.6	114.0
AH-A22040**	A05	Min: 50"	V: +/- 50%		1.26	5.1	9.0	10.1	12.6	15.2	17.9	20.2	22.8	25.3
		Max: 300"	H: +/- 15%		1.58	6.3	11.2	12.6	15.8	19.0	22.4	25.3	28.4	31.6
0001-5045	500	Min: ∞	V: +/- 50%		4.9	19.6	34.7	39.2	49.0	58.8	69.3	78.4	88.2	98.0
		Max: ∞	H: +/- 15%		8.9	35.6	63.0	71.2	89.0	106.8	125.9	142.4	144	178
0001-5046	087	Min: ∞	V: +/- 50%		9.2	36.9	65.2	73.7	92.1	110.6	130.4	147.4	165.9	184.3
		Max: ∞	H: +/- 15%		15.5	62.0	109.7	124.0	155.0	186.0	219.3	248.0	144	310

* Standard Lens (47 line pair/mm)
** Superior Quality Image (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 +/- 5%. Specifications are subject to change without notice.

Eiki International, Inc. Tel: 800-242-3454, Fax: 800-457-3454, E-mail: usa@eiki.com
In Canada: Tel: 800-563-3454, E-mail: canada@eiki.com
Website: http://www.eiki.com