

EIKI

LENSES FOR EK-512X

May 2, 2017.

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

Screen Dimensions.

H'	2	5	6	8	9	11	12	16	15
W'	2.7	7.1	8.0	10.0	12.0	14.2	16.0	21.2	20.0
D"	40	106.1	120	150	180	212.2	240	318	300

Factory Specifications - Standard Lens			Measurements and Calculations									
EIKI Part No.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.								
AH-E21010	Min: 40"	V: +/- 60%	1.47	3.9	10.4	11.7	14.7	17.6	20.8	23.5	31.1	29.4
	Max: 300"	H: +/- 30%	2.65	7.1	18.8	21.2	26.5	31.8	37.5	42.4	56.2	53.0

Factory Specifications - Auxiliary Lenses			Measurements and Calculations									
EIKI Part No.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.								
AH-E22010 (on-axis)	Min: 40"	V: 0%	0.78	2.1	5.5	6.20	7.80	9.30	11.0	12.5	16.5	15.6
	Max: 300"	H: 0%		2.1	5.5	6.20	7.80	9.30	11.0	12.5	16.5	15.6

AH-E22020	Min: 40"	V: +/- 60%	1.18	3.1	8.3	9.4	11.8	14.1	16.7	18.8	25.0	23.6
	Max: 300"	H: +/- 30%	1.57	4.2	11.1	12.5	15.7	18.8	22.2	25.1	33.2	31.3

AH-E23010	Min: 40"	V: +/- 60%	2.56	6.8	18.1	20.5	25.6	30.7	36.2	40.9	54.2	51.1
	Max: 300"	H: +/- 30%	4.43	11.8	31.4	35.5	44.3	53.2	62.7	70.9	94.0	88.6

AH-E23020	Min: 40"	V: +/- 60%	4.33	11.6	30.6	34.6	43.3	51.9	61.2	69.2	91.8	86.6
	Max: 300"	H: +/- 30%	7.38	19.7	52.2	59.0	73.8	88.5	104.4	118.0	156.4	147.5

**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.**

The term "**on-axis**" means the center of the projector lens must be lined up with the center of the screen.

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>