

EIKI

LENSES FOR EK-500U

Jan. 22, 2016.

Resolution: WUXGA (1920x1200)
Aspect Ratio: (10 High by 16 Wide by 18.87 Diagonal)
Aperture:

Screen Dimensions.

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

Factory Specifications - Standard Lens				Measurements and Calculations								
EIKI Part No.	Diagonal	Shift Range	Description	T/W	Throw (Distance to Screen) in feet.							
AH-E21010	Min: 40"	V: +/- 60%	0.94~1.70" Power, Zoom (24.0~43.2 mm) f:1.8~2.6	1.44	3.8	10.2	11.5	14.4	17.2	20.3	23.0	30.4
	Max: 300"	H: +/- 30%		2.67	7.1	18.9	21.3	26.7	32.0	37.7	42.7	56.6

Factory Specifications - Auxiliary Lenses				Measurements and Calculations								
EIKI Part No.	Diagonal	Shift Range	Description	T/W	Throw (Distance to Screen) in feet.							
AH-E22010	Min: 40"	V: 0%	0.48" Fixed (12.4 mm) f:1.8	0.8	2.1	5.6	6.40	8.00	9.60	11.3	12.8	16.9
	Max: 300"	H: 0%										

AH-E22020	Min: 40"	V: +/- 60%	0.75~0.98" Power Zoom (19.3~24.9 mm) f:2.0~2.6	1.17	3.1	8.3	9.3	11.7	14.0	16.5	18.7	24.8
	Max: 300"	H: +/- 30%		1.54	4.1	10.9	12.3	15.4	18.4	21.7	24.6	32.6

AH-E23010	Min: 40"	V: +/- 60%	1.79~2.90" Power, Zoom (45.6~73.8 mm) f:2.2~2.8	2.62	7.0	18.6	21.0	26.2	31.5	37.1	41.9	55.6
	Max: 300"	H: +/- 30%		4.45	11.9	31.5	35.6	44.5	53.4	63.0	71.2	94.4

AH-E23020	Min: 40"	V: +/- 60%	2.76~4.70" Power, Zoom (70.3~119.5 mm) f:2.2~2.8	4.31	11.5	30.5	34.5	43.1	51.7	61.0	69.0	91.4
	Max: 300"	H: +/- 30%		7.35	19.6	52.0	58.8	73.5	88.2	104.0	117.5	155.7

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.**

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