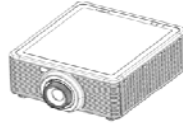


**Eiki Lens Chart**

**LENSES FOR EK-621W**

**Dec. 5, 2016.**

Resolution: WXGA (1280x800)  
 Aspect Ratio: (10 High by 16 Wide by 18.87 Diagonal)  
 Aperture: 0.551



**Screen Dimensions.**

<b>H"</b>	2.2	4.4	5.0	6.2	7.5	8.8	11.3	13.3
<b>W"</b>	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2
<b>D"</b>	50	100	113	141	170	200	255	300

Factory Specifications - Standard Lens					Measurements and Calculations								
EIKI Part No.	Ref.	Diagonal	Shift Range	Description	T/R	Throw (Distance to Screen) in feet.							
AH-A22030*	A02	Min: 50"	V: +/- 50%	0.71~0.88" Power, Zoom (18.07~22.59 mm) f:2.0~2.3	1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2
		Max: 300"	H: +/- 15%		1.61	5.7	11.4	12.8	16.1	19.3	22.7	28.9	34.1

Factory Specifications - Auxiliary Lenses					Measurements and Calculations								
EIKI Part No.	Ref.	Diagonal	Shift Range	Description	T/R	Throw (Distance to Screen) in feet.							
AH-A22010A	A15	Min: 50"	V: +/- 50%	0.43~0.55" Power, Zoom (11.11~14.06 mm) f:2.3~2.53	0.79	2.8	5.6	6.4	7.9	9.5	11.2	14.3	16.9
		Max: 300"	H: +/- 15%		1.00	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2
AH-A22020	A01	Min: 50"	V: +/- 50%	0.55~0.70" Power Zoom (14.03~17.96 mm) f:2.3~2.57	1.00	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2
		Max: 300"	H: +/- 15%		1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2
AH-A21010	A03	Min: 50"	V: +/- 50%	0.88~1.68" Power, Zoom (22.56~42.87 mm) f:2.3~3.3	1.60	5.7	11.4	12.8	16.0	19.3	22.7	28.9	34.0
		Max: 300"	H: +/- 15%		3.07	10.9	21.7	24.5	30.7	36.8	43.4	55.2	65.0
AH-A23010	A13	Min: 50"	V: +/- 50%	1.67~3.18" Power, Zoom (42.60~80.90 mm) f:2.3~2.4	3.04	10.8	21.5	24.3	30.4	36.5	43.0	54.7	64.4
		Max: 300"	H: +/- 15%		5.78	20.5	40.9	46.2	57.8	69.3	81.8	104.0	122.5
AH-A22040**	A05	Min: 50"	V: +/- 50%	0.71~0.88" Power, Zoom (18.07~22.59 mm) f:2.0~2.3	1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2
		Max: 300"	H: +/- 15%		1.61	5.7	11.4	12.8	16.1	19.3	22.7	28.9	34.1
AH-A22050***	A06	Min: 50"	V: +/- 50%	0.71~0.88" Power, Zoom (18.07~22.59 mm) f:2.0~2.3	1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2
		Max: 300"	H: +/- 15%		1.61	5.7	11.4	12.8	16.1	19.3	22.7	28.9	34.1

- \* Standard lens (47 line pair/mm)
- \*\* Superior Image Quality (67 line pair/mm)
- \*\*\* Heavy Duty Construction (67 line pair/mm)

**How to use the T/R column.** If your screen size does not appear on this chart, use the T/R column to find the lens you need. Divide the Throw distance by the screen Width to get your "target T/R number". Then, look for a lens with a T/R 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.**