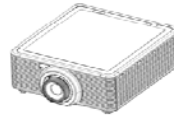


**Eiki Lens Chart**

**LENSES FOR EK-623U**

**Aug. 31, 2017.**

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



**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		T/W	Throw Distance to Screen in feet.							
AH-A22030*	A02	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.0~2.3	1.22 1.53	4.3 5.4	8.6 10.8	9.7 12.2	12.2 15.3	14.6 18.4	17.2 21.6	21.9 27.5	25.8 32.4

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

AH-A22010A	A15	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.3~2.53	0.75 0.95	2.7 3.4	5.3 6.7	6.0 7.6	7.5 9.5	9.0 11.4	10.7 13.4	13.6 17.0	16.0 20.1
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AH-A22020	A01	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.3~2.57	0.95 1.22	3.4 4.3	6.7 8.6	7.6 9.7	9.5 12.2	11.4 14.6	13.4 17.2	17.0 21.9	20.1 25.8
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AH-A21010	A03	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.3~3.3	1.52 2.92	5.4 10.3	10.8 20.7	12.2 23.4	15.2 29.2	18.3 35.1	21.5 41.4	27.4 52.6	32.2 62.0
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AH-A23010	A13	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.3~2.4	2.90 5.50	10.3 19.5	20.6 38.9	23.2 44.0	29.0 55.0	34.8 66.0	41.1 77.8	52.3 99.0	61.5 116.6
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AH-A22040**	A05	Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.0~2.3	1.22 1.53	4.3 5.4	8.6 10.8	9.7 12.2	12.2 15.3	14.6 18.4	17.2 21.6	21.9 27.5	25.8 32.4
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AH-A25010		Min: 50" Max: 300"	V: +/- 50% H: +/- 15%	f:2.0~2.3	0.37	1.3	2.6	3.0	3.7	4.5	5.3	6.7	7.9
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0001-5045	500	Min: ∞ Max: ∞	V: +/- 50% H: +/- 15%	f:2.8	4.85 8.66	17.2 30.7	34.3 61.3	38.8 69.3	48.5 86.6	58.2 103.9	68.6 122.6	87.2 155.9	102.8 144
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0001-5046	087	Min: ∞ Max: ∞	V: +/- 50% H: +/- 15%	f:3.5	9.15 15.24	32.4 53.9	64.8 107.9	73.2 121.9	91.5 152.4	109.8 182.9	129.4 215.6	164.7 274.3	193.9 144
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- \* Standard lens (47 line pair/mm)
- \*\* Superior Image Quality (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.**

Website: <http://www.eiki.com>