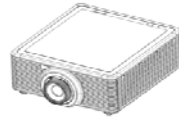


Eiki Lens Chart

LENSES FOR EK-811W

Aug. 31, 2017.

Resolution: WXGA (1280x800)
Aspect Ratio: (16 : 10)



Screen Dimensions.

H'	2.2	4.4	5.0	6.2	7.5	8.8	11.3	13.3	15.0	17.7	H'
W'	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2	24.0	28.3	W'
D''	50	100	113	141	170	200	255	300	340	400	D''

Factory Specifications - Standard Lens				Measurements and Calculations												EFL
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.											
AH-A22050	A06	Min: 50"	V: +/- 50%	f:2.0~2.3	1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2	30.8	36.3	0.71
		Max: 300"	H: +/- 15%		1.61	5.7	11.4	12.8	16.1	19.3	22.7	28.9	34.1	38.5	45.4	0.89

Factory Specifications - Auxiliary Lenses				Measurements and Calculations												EFL
EIKI Part No.	Ref.	Diagonal	Shift Range	T/W	Throw (Distance to Screen) in feet.											
AH-A25010*	A16	Min: 50"	Advanced Installation	0.380			3.0	3.8	4.5	5.3	6.8	8.0	9.0	11	0.207	
		Max: 300"														

AH-A22010A	A15	Min: 50"	V: +/- 50%	f:2.3~2.53	0.79	2.8	5.6	6.4	7.9	9.5	11.2	14.3	16.9	19.1	22.5	0.438
		Max: 300"	H: +/- 15%		1.00	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2	24.0	28.3	0.552

AH-A22020	A01	Min: 50"	V: +/- 50%	f:2.3~2.57	1.00	3.5	7.1	8.0	10.0	12.0	14.2	18.0	21.2	24.0	28.3	0.552
		Max: 300"	H: +/- 15%		1.28	4.5	9.1	10.3	12.8	15.4	18.2	23.1	27.2	30.8	36.3	0.71

AH-A21010	A03	Min: 50"	V: +/- 50%	f:2.3~3.3	1.60	5.7	11.4	12.8	16.0	19.3	22.7	28.9	34.0	38.5	45.3	0.88
		Max: 300"	H: +/- 15%		3.07	10.9	21.7	24.5	30.7	36.8	43.4	55.2	65.0	73.6	86.6	1.69

AH-A23010	A13	Min: 50"	V: +/- 50%	f:2.3~2.4	3.04	10.8	21.5	24.3	30.4	36.5	43.0	54.7	64.4	73.0	85.9	1.68
		Max: 300"	H: +/- 15%		5.78	20.5	40.9	46.2	57.8	69.3	81.8	104.0	122.5	138.7	163	3.18

0001-5045	500	Min: ∞	V: +/- 50%	f:2.8	5.0	17.7	35.4	40.0	50.0	60.0	70.8	90.0	106.0	120.0	141	2.76
		Max: ∞	H: +/- 15%		9.0	31.9	63.7	72.0	90.0	108.0	127.4	162.0	144	216	254	4.96

0001-5046	087	Min: ∞	V: +/- 50%	f:3.5	9.4	33.3	66.6	75.2	94.0	112.8	133.1	169.3	199.3	225.7	266	5.18
		Max: ∞	H: +/- 15%		15.8	55.9	111.8	126.4	158.0	189.6	223.5	284.3	334.9	379	446	8.70

* 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.

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