

Resolution: WUXGA (1920x1200)

Aspect Ratio: (10 High by 16 Wide by 18.87 Diagonal)

Aperture: 0.6444

## Screen Dimensions.

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

Factory Specifications - Standard Lens						Measurements and Calculations									
EIKI Part No.	Ref.	Diagonal	Shift Range	Shift Ratio	Description	Xtend	Wt	T/W	Throw (Distance to Screen) in feet.						
AH-24741 (645 101 1053)	S20	Min: 40"	V: +/- 60%	V: 11:-1 ~ -1:11	1.05~1.78" Power, Zoom (26.85~45.43 mm) f:1.74~2.37	2.51 in	1.87 lb	1.64	4.4	11.6	13.2	16.4	23.3	26.3	34.9
		Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3		63.7 mm	0.85 kg	2.78	7.4	19.7	22.2	27.8	39.3	44.4	58.9

Factory Specifications - Auxiliary Lenses						Measurements and Calculations									
EIKI Part No.	Ref.	Diagonal	Shift Range	Shift Ratio	Description	Xtend	Wt	T/W	Throw (Distance to Screen) in feet.						
AH-24721	W21	Min: 40" Max: 400"	V: 0% H: 0%	V: 1:1 (on axis) H: 1:1 (on axis)	0.51" Power, Fixed (13.05 mm) f:2.0	2.12 in 53.9 mm	2.38 lb 1.08 kg	0.8	2.1	5.6	6.40	8.00	11.3	12.8	16.9
0001-4344	1625	Min: ∞ Max: ∞	V: 0% H: 0%	V: 1:1 (on axis) H: 1:1 (on axis)	0.629" Manual, Fixed (16 mm) f:2.5	1 in 25.4	3 lb 1.36	0.98	2.6	6.9	7.80	9.80	13.8	15.6	20.7
AH-24711	W20	Min: 40"	V: +/- 60%	V: 11:-1 ~ -1:11	0.80~1.08" Power, Zoom (20.35~27.66 mm) f:1.8~2.3	3.29 in	2.65 lb	1.24	3.3	8.8	9.9	12.4	17.6	19.9	26.3
		Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3		83.5 mm	1.20 kg	1.69	4.5	12.0	13.5	16.9	23.9	27.1	35.9
AH-24771	T20	Min: 40"	V: +/- 60%	V: 11:-1 ~ -1:11	1.79~2.90" Power, Zoom (45.6~73.8 mm) f:1.82~2.34	3.47 in	2.60 lb	2.79	7.4	19.7	22.3	27.9	39.4	44.6	59.1
		Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3		88.1 mm	1.18 kg	4.5	12.0	31.9	36.0	45.0	63.7	72.0	95.4
0001-4345	500	Min: ∞	V: +/- 60%	V: 11:-1 ~ -1:11	2.75-5.00" Manual, Zoom (70-125mm) f:2.8	5 in	4 lb	4.27	11.4	30.2	34.1	42.7	60.4	68.3	90.5
		Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3		127	1.81	7.76	20.7	54.9	62.1	77.6	109.8	124.1	164.5
AH-24781	T21	Min: 40"	V: +/- 60%	V: 11:-1 ~ -1:11	2.90~4.61" Power, Zoom (73.9~117.1 mm) f:1.83~2.35	3.32 in	2.65 lb	4.5	12.0	31.9	36.0	45.0	63.7	72.0	95.4
		Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3		84.3 mm	1.20 kg	7.15	19.1	50.6	57.2	71.5	101.2	114.5	144
0001-4351	087	Min: ∞	V: +/- 60%	V: 11:-1 ~ -1:11	5.2-8.7" Manual, Zoom (132-220 mm) f:3.5	8.0 in	8 lb	8.07	21.5	57.1	64.6	80.7	114.2	129.1	171.1
		Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3		203.2 mm	3.63 kg	13.50	36.0	95.6	108.0	135.0	191.0	216.0	144
0001-4346	900	Min: ∞	V: +/- 60%	V: 11:-1 ~ -1:11	6.0-9.0" Manual, Zoom (150-230 mm) f:3.5	5.25 in	6 lb	9.31	24.9	65.9	74.5	93.1	131.8	149.0	197.4
		Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3		133.4 mm	2.72 kg	13.97	37.3	98.9	111.7	139.7	197.6	223.5	144

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 +/- 3.5%. Specifications are subject to change without notice.

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