

Image Dimensions (H &amp; W in ft., D in in.) in 4:3.

Resolution: XGA (1024x768) or SXGA+ (1400X1050)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 1.12882 in. W

H'	4.5	6	7.5	9	10.5	12	15	20	25
W'	6	8	10	12	14	16	20	26.67	33.3
D"	90	120	150	180	210	240	300	400	500

EIKI Part No.	Ref.	T/W	Shift/Limits	Auxiliary Lenses	Xtend	EFL	Distance (expressed in feet).												
*AH-32701	W07	0.73	1:1 (on axis)	0.827" Manual, Fixed (21.0mm) f:2.5	3.8 in 96 mm	0.827	4.4	5.9	7.3	8.8	10.3	11.7	14.7	19.5	-				
*AH-32021	W03	1.05	1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	1.8 in 45 mm	1.18	6.3	8.4	10.5	12.5	14.6	16.7	20.9	27.9	34.8				
*AH-21012	(W01Z)	1.56	8:1~1:8	1.76" Manual, Fixed (44.7mm) f:2.5	1.5 in 38 mm	1.76	9.4	12.5	15.6	18.7	21.8	24.9	31.2	41.6	52.0				
*AH-32501	(W05)	1.26	2.5:1~1:2.5	1.42~1.97" Power, Zoom (36~50 mm) f:2.0~2.6	1.2 in 30 mm	1.42	7.5	10.0	12.6	15.1	17.6	20.1	25.1	33.5	41.8				
		1.74					10.5	13.9	17.4	20.9	24.4	27.9	34.9	46.5	58.1				
*AH-32601	(W06)	1.57	10:0~0:10 Memory Lens	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	2.2 in 55 mm	1.77	9.4	12.5	15.7	18.8	22.0	25.1	31.4	41.8	52.3				
		1.99					12.0	15.9	19.9	23.9	27.9	31.9	39.9	53.2	66.4				
*AH-21202	(W02Z)	1.82	8:1~1:8	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	0.2 in 5 mm	2.06	10.9	14.6	18.2	21.8	25.5	29.1	36.4	48.6	60.7				
		2.37					14.2	18.9	23.7	28.4	33.2	37.9	47.4	63.2	78.9				
*AH-32401	(W04)	1.99	10:0~0:10 Memory Lens	2.28~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	1.2 in 30 mm	2.25	12.0	15.9	19.9	23.9	27.9	31.9	39.9	53.2	66.4				
		2.61					15.7	20.9	26.1	31.4	36.6	41.8	52.3	69.7	87				
**0001-4297	(125)	2.44	10:0~0:10	2.75 ~ 5.0" Manual, Zoom (70 ~ 125 mm) f:2.0	8.0 in 203 mm	2.75	14.6	19.5	24.4	29.2	34.1	39.0	48.7	65.0	81.2				
		4.43					26.6	35.4	44.3	53.2	62.0	70.9	88.6	118.1	148				
*945 044 0978 aka *AH-21102	(S02Z)	2.64	10:0~0:10	2.98"~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	0 in 0 mm	2.98	15.8	21.1	26.4	31.7	37.0	42.2	52.8	70.4	88.0				
		3.40					20.4	27.2	34.0	40.8	47.6	54.4	68.0	90.7	113				
*AH-22051	S03	3.38	8:1~1:8	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	2.76 in 70 mm	3.82	20.3	27.1	33.8	40.6	47.4	54.1	67.7	90.3	113				
		4.57					27.4	36.6	45.7	54.9	64.0	73.1	91.4	122	152				
*AH-21022	(M01Z)	4.34	8:1~1:8	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	0 in 0 mm	4.9	26.0	34.7	43.4	52.1	60.8	69.5	86.8	116	145				
		5.64					33.9	45.1	56.4	67.7	79.0	90.3	112.9	151	188				
*AH-21091	(T02)	5.51	8:1~1:8	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	2.4 in 61 mm	6.22	33.1	44.1	55.1	66.1	77.1	88.2	110.2	147	184				
		7.71					46.2	61.7	77.1	92.5	107.9	123.3	154	206	257				
**0001-4261	151	6.42	8:1~1:8	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	7.5 in 191 mm	7.25	38.5	51.4	64.2	77.1	89.9	102.8	129	171	214				
		10.97					12.38	65.8	87.7	109.7	132	154	176	219	293	366			
*AH-32581	(T03)	7.81	8:1~1:8	8.82"~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	10.5 in 267 mm	8.82	46.9	62.5	78.1	93.8	109.4	125	156	208	260				
		11.34					68.0	90.7	113.4	136	159	181	227	302	378				
*AH-21031	(T01)	8.86	8:1~1:8	10" Manual, Fixed (253.2mm) f:2.0	1.1 in 26 mm	10	53.2	70.9	88.6	106.3	124.0	142	177	236	295				
**0001-4299	(183)	9.48	8:1~1:8	10.7 ~ 18.3" Manual, Zoom (272 ~ 464 mm) f:2.8	14.0 in 356 mm	10.7	56.9	75.8	94.8	113.7	132.7	151.7	190	253	316				
		16.21					18.3	97.3	129.7	162.1	195	227	259	324	432	540			

## Notes:

Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal).	H'	3.4	4.5	5.6	6.8	7.9	9.0	11.3	15.0	18.7
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\* These lenses require adapter 610 317 1289 (one included with projector).

\*\* These lenses are supplied complete with attached adapter.

**Xtend** - This column indicates the amount the lens protrudes from the front face of the cabinet at maximum extension.**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.

**Understanding Shift/Limits.** The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.**These charts are a simulation.** Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations..

Calculations are from the front glass of the lens and accurate to approximately +/- 3%. Specifications are subject to change without notice.