

Resolution: XGA (1024x768)

Aspect Ratio: (9 High by 16 Wide by ? Diagonal)

Aperture: 1.4362 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	3.4	4.5	5.6	6.8	7.9	9	11.3	18.7	22.5
W'	6	8	10	12	14	16	20	33.33	40
D"	82.8	110.1	137.5	165.5	192.9	220.3	275.7	458.6	550.7

EIKI Part No.	Ref.	T/W	Shift/Limits	Auxiliary Lenses	EFL	Distance (expressed in feet).									
*AH-32021	(W03)	0.82	1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	1.18	4.9	6.6	8.2	9.9	11.5	13.1	16.4	27.4	32.9	
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.23	8:1~1:8	1.76" Manual, Fixed (44.7mm) f:2.5	1.76	7.4	9.8	12.3	14.7	17.2	19.6	24.5	40.8	49.0	
***AH-32601	W06	1.23	8:1~1:8	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	1.77	7.4	9.9	12.3	14.8	17.3	19.7	24.6	41.1	49	
		1.57			2.25	9.4	12.5	15.7	18.8	21.9	25.1	31.3	52	63	
*AH-21201	W02Z	1.43	8:1~1:8	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	2.06	8.6	11.4	14.3	17.2	20.0	22.9	28.6	47.7	57	
		1.86			2.67	11.2	14.9	18.6	22.3	26.1	29.8	37.2	62	75	
*AH-32401	W04	1.57	8:1~1:8	2.28~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	2.25	9.4	12.5	15.7	18.8	21.9	25.1	31.3	52.2	63	
		2.05			2.95	12.3	16.4	20.5	24.6	28.8	32.9	41.1	69	82	
***0001-4297	(125)	1.91	8:1~1:8	2.75~5.0" Manual, Zoom (70~125 mm) f:2.0	2.75	11.5	15.3	19.1	23.0	26.8	30.6	38.3	63.8	76.6	
		3.48			5.00	20.9	27.9	34.8	41.8	48.7	55.7	69.6	116.0	139	
*AH-21102 (**AH-21101)	(S02Z) (S02)	2.07	10:0~0:10 "Standard"	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	2.98	12.4	16.6	20.7	24.9	29.0	33.2	41.5	69.2	83.0	
		2.67			3.84	16.0	21.4	26.7	32.1	37.4	42.8	53.5	89.1	107	
*AH-22051	(S03)	2.66	8:1~1:8	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	3.82	16.0	21.3	26.6	31.9	37.2	42.6	53.2	88.7	106	
		3.59			5.16	21.6	28.7	35.9	43.1	50.3	57.5	71.9	120	144	
***0001-4260	(537)	3.13	8:1~1:8	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	4.49	18.8	25.0	31.3	37.5	43.8	50.0	62.5	104.2	125	
		5.38			7.72	32.3	43.0	53.8	64.5	75.3	86.0	108	179	215	
*AH-21022 (**AH-21021)	(M01Z) (M01)	3.41	8:1~1:8	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	4.9	20.5	27.3	34.1	40.9	47.8	54.6	68.2	114	137	
		4.44			6.37	26.6	35.5	44.4	53.2	62.1	71.0	88.7	148	177	
*AH-21091	(T02)	4.33	8:1~1:8	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	6.22	26.0	34.6	43.3	52.0	60.6	69.3	86.6	144	173	
		6.06			8.7	36.3	48.5	60.6	72.7	84.8	96.9	121	202	242	
***0001-4261	(151)	5.05	8:1~1:8	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	7.25	30.3	40.4	50.5	60.6	70.7	80.8	101	168	202	
		8.62			12.38	51.7	69.0	86.2	103	121	138	172	287	345	
*AH-32581	(T03)	6.14	8:1~1:8	8.82~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	8.82	36.8	49.1	61.4	73.7	86.0	98	123	205	246	
		8.91			12.8	53.5	71.3	89.1	107	125	143	178	297	357	
*AH-21032 (**AH-21031)	(T01Z) (T01)	6.96	8:1~1:8	10" Manual, Fixed (253.2mm) f:2.0	10	41.8	55.7	69.6	83.6	97.5	111	139	232	279	
***0001-4299	(183)	7.45	8:1~1:8	10.7~18.3" Manual, Zoom (272~464 mm) f:2.8	10.7	44.7	59.6	74.5	89.4	104.3	119.2	149	248	298	
		12.74			18.3	76.5	101.9	127.4	153	178	204	255	425	510	

Notes:

Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal).	H'	4.5	6.0	7.5	9.0	10.5	12.0	15.0	25.0	30.0
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* These lenses require adapter AH-25841 (one included with projector).

** These lenses require adapter AH-25871.

*** These lenses are supplied complete with adapter.

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.