

Resolution: XGA (1024x768) or UXGA (1600x1200)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 1.451 in. wide

Screen Dimensions.

H'	4.5	6	7.5	9	10.5	12	15	25	30
W'	6	8	10	12	14	16	20	33.33	40
D"	90	120	150	180	210	240	300	500	600

EIKI Part No.	Ref.	T/W	Shift/Limits	Auxiliary Lenses	EFL	Throw (Distance to Screen) in feet.														
*AH-32021	(W03)	0.81	1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	1.18	4.9	6.5	8.1	9.8	11.4	13.0	16.3	27.1	32.5						
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.21	8:1~1:8	1.76" Manual, Fixed (44.7mm) f:2.5	1.76	7.3	9.7	12.1	14.6	17.0	19.4	24.3	40.4	48.5						
*AH-32601***	W06	1.22 1.55	10:0~0:10	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	1.77 2.25	7.3 9.3	9.8 12.4	12.2 15.5	14.6 18.6	17.1 21.7	19.5 24.8	24.4 31.0	40.7 51.7	48.8 -						
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.42 1.84	8:1~1:8	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	2.06 2.67	8.5 11.1	11.3 14.7	14.2 18.4	17.0 22.1	19.8 25.8	22.7 29.5	28.3 36.8	47.2 61.4	56.7 73.7						
AH-32401***	W04	1.55 2.03	8:1~1:8	2.28"~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	2.25 2.95	9.3 12.2	12.4 16.3	15.5 20.3	18.6 24.4	21.7 28.5	24.8 32.5	31.0 40.7	51.7 67.8	62.0 -						
***0001-4297	(125)	1.90 3.45	8:1~1:8	2.75"~5.0" Manual, Zoom (70.7~125 mm) f:2.0	2.75 5.00	11.4 20.7	15.2 27.6	19.0 34.5	22.7 41.4	26.5 48.2	30.3 55.1	37.9 68.9	63.2 114.9	75.8 138						
*945 044 0978 aka *AH-21102	(S02Z)	2.05 2.65	10:0~0:10 "Standard"	2.98"~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	2.98 3.84	12.3 15.9	16.4 21.2	20.5 26.5	24.6 31.8	28.8 37.1	32.9 42.3	41.1 52.9	68.5 88.2	82.2 106						
*AH-22051	(S03)	2.63 3.56	8:1~1:8	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	3.82 5.16	15.8 21.3	21.1 28.4	26.3 35.6	31.6 42.7	36.9 49.8	42.1 56.9	52.7 71.1	87.7 119	105 142						
***0001-4260	(537)	3.09 5.32	8:1~1:8	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	4.49 7.72	18.6 31.9	24.8 42.6	30.9 53.2	37.1 63.8	43.3 74.5	49.5 85.1	61.9 106	103.1 177	124 213						
*AH-21022 (**AH-21021)	(M01Z) (M01)	3.38 4.39	8:1~1:8	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	4.9 6.37	20.3 26.3	27.0 35.1	33.8 43.9	40.5 52.7	47.3 61.5	54.0 70.2	67.5 87.8	113 146	135 176						
*AH-21091	(T02)	4.29 6.00	8:1~1:8	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	6.22 8.7	25.7 36.0	34.3 48.0	42.9 60.0	51.4 72.0	60.0 83.9	68.6 95.9	85.7 120	143 200	172 240						
***0001-4261	(151)	5.00 8.53	8:1~1:8	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	7.25 12.38	30.0 51.2	40.0 68.3	50.0 85.3	60.0 102	70.0 119	79.9 137	100 171	167 284	200 341						
*AH-32581	(T03)	6.08 8.82	8:1~1:8	8.82"~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	8.82 12.8	36.5 52.9	48.6 70.6	60.8 88.2	72.9 106	85.1 124	97 141	122 176	203 294	243 353						
*AH-21032 (**AH-21031)	(T01Z) (T01)	6.89	8:1~1:8	10" Manual, Fixed (253.2mm) f:2.0	10	41.4	55.1	68.9	82.7	96.5	110	138	230	276						
***0001-4299	(183)	7.37 12.61	8:1~1:8	10.7~18.3" Manual, Zoom (2.72~4.64mm) f:2.8	10.7 18.3	44.2 75.7	59.0 100.9	73.7 126.1	88.5 151	103.2 177	118.0 202	148 252	246 420	295 505						

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	18.7	22.5
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* These lenses require adapter 610 303 8742 (AH-25841) (LNA-01) one included with projector.

** These lenses require adapter 610 304 6228 (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.

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