

**In 16:9 MODE**

Resolution: WXGA (1366x768)  
 Aspect Ratio: (9 High by 16 Wide by 18.35755975 Diagonal)  
 Aperture: 1.0487 in. wide

**Screen Dimensions.**

H'	2.8	4.1	5.6	6.8	8.2	9.0	12.3	15.0	16.3
W'	5.0	7.3	10.0	12.0	14.5	16.0	21.8	26.7	29.1
D"	68.8	100	137.5	165.5	200	220.3	300.4	367	400

EIKI Part No.	Ref.	T/W	Shift/Limits	Auxiliary Lenses	EFL	Distance (expressed in feet).									
***AH-32701	W07	0.77	1:1 (on axis)	0.827" Manual, Fixed (21.0mm) f:2.5	0.81	3.9	5.6	7.7	9.3	11.2	12.4	16.8	20.6	-	
*AH-32021	W03	1.12	1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	1.17	5.6	8.1	11.2	13.4	16.2	17.9	24.3	29.8	32.4	
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.680	6:1 ~ 1:6	1.76" Manual, Fixed (44.7mm) f:2.5	1.76	8.4	12.2	16.8	20.1	24.3	26.9	36.6	44.8	48.8	
***AH-32501	(W05)	1.32 1.85	10:0 ~ 0:10	1.42~1.97" Power, Zoom (36~50 mm) f:2.0~2.6	1.38 1.94	6.6 9.2	9.5 13.4	13.2 18.5	15.8 22.2	19.1 26.8	21.1 29.6	28.7 40.3	35.1 49.3	38.2 53.7	
***AH-32601	(W06)	1.65 2.15	1:0 ~ 0:10	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	1.73 2.25	8.2 10.7	12.0 15.6	16.5 21.5	19.8 25.7	23.9 31.1	26.4 34.3	36.0 46.8	44.0 57.2	47.9 62.3	
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.96 2.56	6:1 ~ 1:6	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	2.06 2.68	9.8 12.8	14.2 18.5	19.6 25.6	23.5 30.7	28.4 37.1	31.4 40.9	42.7 55.7	52.3 68.2	56.9 74.2	
***AH-32401	(W04)	2.17 2.84	10:0 ~ 0:10	2.28~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	2.28 2.98	10.9 14.2	15.8 20.6	21.7 28.4	26.1 34.1	31.5 41.2	34.8 45.5	47.4 61.9	58.0 75.8	63.2 82.5	
***0001-4297	(125)	2.62 4.77	10:0 ~ 0:10	2.75 ~ 5.0" Manual, Zoom (70 ~ 125 mm) f:2.0	2.75 5.00	13.1 23.8	19.0 34.6	26.2 47.7	31.5 57.2	38.0 69.1	42.0 76.3	57.2 104	69.9 127	76.2 139	
*945 044 0978 aka *AH-21102	(S02Z)	2.84 3.70	10:3 ~ 3:10	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	2.98 3.88	14.2 18.5	20.6 26.8	28.4 37.0	34.1 44.4	41.2 53.6	45.5 59.2	61.9 80.7	75.8 98.7	82.5 108	
*AH-22051	S03	3.65 4.92	6:1 ~ 1:6	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	3.83 5.16	18.3 24.6	26.5 35.7	36.5 49.2	43.8 59.0	53.0 71.3	58.4 78.7	79.6 107	97.4 131	106 143	
*0001-4260	537	4.28 7.36	6:1 ~ 1:6	4.49~7.72" Manual, Zoom (114~196 mm) f:2.0	4.49 7.72	21.4 36.8	31.1 53.4	42.8 73.6	51.4 88.3	62.1 107	68.5 118	93.3 161	114 196	124 214	
*AH-21022 (**AH-21021)	(M01Z) (M01)	4.74 6.14	6:1 ~ 1:6	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	4.97 6.44	23.7 30.7	34.4 44.6	47.4 61.4	56.9 73.7	68.7 89.0	75.8 98.3	103 134	126 164	138 178	
*AH-21091	(T02)	6.03 8.43	6:1 ~ 1:6	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	6.32 8.84	30.1 42.1	43.7 61.2	60.3 84.3	72.3 101	87.4 122	96.4 135	131 184	161 225	175 245	
***0001-4261	151	6.91 11.81	6:1 ~ 1:6	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	7.25 12.38	34.6 59.0	50.2 85.6	69.1 118	83.0 142	100 171	111 189	151 257	184 315	201 343	
*AH-32581	(T03)	8.44 12.37	6:1 ~ 1:6	8.82~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	8.85 12.98	42.2 61.9	61.2 89.8	84.4 124	101 149	122 179	135 198	184 270	225 330	245 359	
*AH-21032 (**AH-21031)	(T01Z) (T01)	9.57	6:1 ~ 1:6	10" Manual, Fixed (253.2mm) f:2.0	10.04	47.9	69.5	95.7	115	139	153	209	255	278	
***0001-4299	(183)	10.20 17.45	6:1 ~ 1:6	10.7 ~ 18.3" Manual, Zoom (272 ~ 464 mm) f:2.8	10.7 18.3	51.0 87.3	74.0 127	102 175	122 209	148 253	163 279	222 380	272 465	296 507	

**Notes:**

**In 4:3 MODE**

Resolution: XGA (1024x768)  
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

**Screen Dimensions.**

H'	2.8	4.1	5.6	6.8	8.2	9.0	12.3	15.0	16.3
W'	3.7	5.5	7.5	9.1	10.9	12.0	16.4	20.0	21.7
D"	56.0	82.0	112.0	136.0	164.0	180.0	246.0	300.0	326

- \* These lenses require adapter 610 303 8742 (AH-25841) (LNA-01) one included with projector.
- \*\* These lenses require adapter 610 304 6228 (AH-25871) (LNA-02) (one included with projector).
- \*\*\* These lenses are supplied complete with attached adapter.
- \*\*\*\* The performance of this lens is different than its focal length suggests. We've used EFL 2.25~2.95 in. Complete with attached 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. The two sides of a ratio are cumulative, so the expression 10:-3 means that the bottom of the image starts 3/7'ths of the image height above the imaginary line.

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