

Resolution: XGA (1024x768)

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	Diagonal	Shift/Limits	Auxiliary Lenses	Xtend#	EFL	Throw (Distance to Screen) in feet.										
*AH-32022	(W03)	0.81	Min: 40 Max: 600	V: 1:1 (on axis) H: 1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	2.17" 55mm	1.18	4.9	6.5	8.1	9.8	11.4	13.0	16.3	27.1	32.5		
*AH-32601	W06	1.22 1.55	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 1:1 (on axis)	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	2.54" 64.5mm	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	-	-	
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.42 1.84	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	0.58" 14.5mm	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	Min: 30 Max: 500	V: 8:1 ~ 1:8 H: 1:1 (on axis)	2.28"~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	1.57" 40mm	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	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	2.75"~5.0" Manual, Zoom (70.7~125 mm) f:2.0	TBA	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	Min: 40 Max: 600	V: 10:0 ~ 0:10 H: 3:2 ~ 2:3	2.98"~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	TBA	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	Min: 100 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	2.92" 74mm	3.82 5.16	- -	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	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	TBA	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	61.9 106.4	103.1 177.3	123.8	212.8	
*AH-21023 (**AH-21021/2)	(M01E) (M01Z)	3.38 4.39	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	TBA	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-21092	(T02)	4.29 6.00	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	2.8" 71mm	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	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	TBA	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	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	8.82"~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	11.42" 290mm	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	

**In Widescreen Video Mode, 16:9 Source, Normal (default) Setting**

Signal is scaled proportionally to fit: maintains aspect ratio.

Projected Image: 1024x576 - full width, 96 black pixels top &amp; bottom

H'	3.375	4.5	5.6	6.8	7.9	9.0	11.3	18.7	22.5
W'	6.0	8.0	10.0	12.0	14.0	16.0	20.0	33.3	40.0
D"	82.6	110	138	165	193	220	275	459	551

\* These lenses require adapter 610 353 1335 (LNA-01): one included with projector.

\*\* These lenses require adapter 910 304 6229 (LNA-02): one included with projector.

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

# Xtend is calculated relative to cabinet: that is, excluding 3.031 in (77 mm) lens hood

**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.