

Resolution: 2K (2048x1080)
 Aspect Ratio: 17:9
 Aperture: 1.459496

Screen Dimensions.

H'	3.2	3.90	5.3	6.3	7.4	9	10.5	12.7	15.8
W'	6	7.37	10	12	14	17.07	20	24	30
D''	82	100	136	163	190	232	271	326	407

EIKI Part No.	Ref.	T/W	Diagonal	Shift/Limits	Auxiliary Lenses	Xtend	EFL	Throw (Distance to Screen) in feet.												
*AH-32021 or 2	(W03/E)	0.80	Min: 40 Max: 600	V: 1:1 (on axis) H: 1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.6	2.17" 55 mm	1.17	4.8	5.9	8.0	9.6	11.2	13.7	16.0	19.2	24.0				
*AH-32601	W06	1.20 1.50	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" 64.5 mm	1.77 2.21	7.3 9.1	8.9 11.2	12.1 15.1	14.6 18.2	17.0 21.2	20.7 25.8	24.3 30.3	29.1 36.3	-				
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.40 1.80	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" 14.5 mm	2.06 2.64	8.4 10.9	10.4 13.3	14.1 18.1	16.9 21.7	19.7 25.3	24.0 30.9	28.2 36.2	33.8 43.4	42.2 54.3				
*AH-32401	W04	1.50 2.00	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	2.21 2.95	9.1 12.1	11.2 14.9	15.1 20.2	18.2 24.3	21.2 28.3	25.8 34.5	30.3 40.4	36.3 48.5	45.4				
***0001-4297	(125)	1.80 3.40	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	2.75~5.0" Manual, Zoom (70.7~125mm) f:2.0	TBA	2.65 4.97	10.9 20.4	13.4 25.1	18.2 34.1	21.8 41	25.4 48	31.0 58	36 68	44 82	55 102				
***0001-4260	(537)	3.08 5.29	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	TBA	4.49 7.72	18.5 31.7	22.7 39.0	30.8 52.9	36.9 64	43.1 74	52.5 90	62 106	74 127	92 159				
***0001-4261	(151)	4.97 8.48	Min: ∞ Max: ∞	V: 8:1 ~ 1:8 TBA	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	TBA	7.25 12.38	29.8 50.9	36.6 62.5	49.7 84.8	59.6 102	69.5 119	84.8 145	99 170	119 204	149 255				
*AH-21401	(S04)	2.00 2.60	Min: 60 Max: 600	V: 10:0 ~ 0:10 H: 3:2 ~ 2:3	2.99~3.86" Power, Zoom (76~98 mm) f:2.0~2.6	0.27" 7mm	2.99 3.804	12.3 15.6	15.1 19.2	20.5 26.1	24.6 31.3	28.7 36.5	35.0 44.5	41.0 52.1	49 63	62 78				
*AH-22051	(S03)	2.60 3.50	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" 74 mm	3.804 5.11	- -	19.2 25.8	26.1 35.0	31.3 42.0	36.5 49.0	44.5 59.8	52.1 70.0	62.6 84	78 105				
*AH-22221	(M02)	3.40 4.50	Min: 60 Max: 600	V: 10:0 ~ 0:10 H: 3:2 ~ 2:3	4.92~6.38" Power, Zoom (125~162 mm) f:2.1~2.7		4.96 6.57	20.4 27.0	25.1 33.2	34.0 45.0	40.8 54.0	47.6 63.0	58.0 76.8	68.0 90.0	82 108	102 135				
*AH-21091 or 2	(T02/E)	4.40 6.20	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	6.4 8.7	26.3 35.8	32.3 43.9	43.9 59.6	52.6 71.5	61.4 83.5	74.8 101.7	87.7 119	105 143	132 179				
*AH-32581	(T03)	6.30 9.00	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" 290 mm	9.2 13.15	37.8 54.1	46.5 66.4	63.0 90.1	75.6 108	88.2 126	108 154	126 180	151 216	189 270				

In Full HD Video Mode, 16:9 Source, Normal (default) Setting

There is no scaling: picture is unmodified.
 Projected Image: 1920x1080 - full height, 64 black pixels left and right.

H'	3.2	3.9	5.3	6.3	7.4	9.0	10.5	12.7	15.8
W'	5.7	6.9	9.4	11.2	13.2	16.0	18.7	22.6	28.1
D''	78.3	96	130	154	181	220	257	311	387

In Standard Video Mode, 4:3 Source, Normal (default) Setting

Signal is scaled proportionally to fit: maintains aspect ratio.
 Projected Image: 1440x1080 - full height, 304 black pixels left and right.

H'	3.2	3.9	5.3	6.3	7.4	9.0	10.5	12.7	15.8
W'	4.3	5.2	7.1	8.4	9.9	12.0	14.0	16.9	21.1
D''	64.0	78	106	126	148	180	210	254	316

* These lenses require adapter 610 353 1335 (LNA-01) one included with projector.
 ** These lenses require adapter 910 304 6229
 *** 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.

Xtend = distance lens protrudes from cabinet

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.

Note: The following lenses were NOT originally designed as High Definition lenses and could have soft focus when used with the LC-HDT1000 and LC-HDT2000:
 AH-21102 or AH-21101 (LNS-S02Z, LNS-S02)
 AH-21023, AH-21022, or AH-21021 (LNS-M01E, LNS-M01Z, LNS-M01). Use AH-22221 (LNS-M02) instead.