EIKI LENSES FOR LC-XT3 and LC-UXT3 THEATER PROJECTORS February 3, 2005.

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

		Screen Dimensions (H & W in ft., D in in.).								
Height	(ft.)	4.5	6	7.5	9	10.5	12	15	22.5	30
Width	(ft.)	6	8	10	12	14	16	20	30	40
Diagonal	(in.)	90	120	150	180	210	240	300	450	600

EIKI Part No.	Ref.	T/W	Auxiliary Lenses	Shift/Limits		Distance (expressed in feet).								
*AH-32021	(W03)	0.81	1.18" Manual, Fixed (30.0mm) f:2.5	1:1 (on axis)		4.9	6.5	8.1	9.8	11.4	13.0	16.3	24.4	32.5
*AH-21012	(W01Z)	1.21	1.76" Manual, Fixed	8:1~1:8		7.3	9.7	12.1	14.6	17.0	19.4	24.3	36.4	48.5
(**AH-21011)	(W01)		(44.7mm) f:2.5											
*AH-21202	(W02Z)	1.42	2.06~2.67" Power, Zoom	8:1~1:8		8.5	11.3	14.2	17.0	19.8	22.7	28.3	42.5	56.7
(**AH-21201)	(W02)	1.84	(52.2~67.9 mm) f:2.53~2.95			11.1	14.7	18.4	22.1	25.8	29.5	36.8	55.3	73.7
*AH-21102	(S02Z)	2.05	2.98"~3.84" Power, Zoom	10:0~0:10		12.3	16.4	20.5	24.6	28.8	32.9	41.1	61.6	82.2
(**AH-21101)	(S02)	2.65	(75.7~97.5 mm) f:2.0~2.3	"Standard"		15.9	21.2	26.5	31.8	37.1	42.3	52.9	79.4	106
*AH-22051	(S03)	2.63	3.82~5.16" Power, Zoom	8:1~1:8		15.8	21.1	26.3	31.6	36.9	42.1	52.7	79.0	105
		3.56	(97~131mm) f:1.7~2.7			21.3	28.4	35.6	42.7	49.8	56.9	71.1	107	142
***0001-4260	(537)	3.09	4.49~7.72" Manual, Zoom	8:1~1:8		18.6	24.8	30.9	37.1	43.3	49.5	61.9	92.8	124
		5.32	(114~196mm) f:2.0			31.9	42.6	53.2	63.8	74.5	85.1	106	160	213
*AH-21022	(M01Z)	3.38	4.9~6.37" Power, Zoom	8:1~1:8		20.3	27.0	33.8	40.5	47.3	54.0	67.5	101	135
(**AH-21021)	(M01)	4.39	(124.5~161.8 mm) f:2.0~2.6			26.3	35.1	43.9	52.7	61.5	70.2	87.8	132	176
*AH-21091	(T02)	4.29	6.22~8.7" Power, Zoom	8:1~1:8		25.7	34.3	42.9	51.4	60.0	68.6	85.7	129	172
		6.00	(158~221mm) f:2.0~2.8			36.0	48.0	60.0	72.0	83.9	95.9	120	180	240
***0001-4261	(151)	5.00	7.25~12.38" Manual, Zoom	8:1~1:8		30.0	40.0	50.0	60.0	70.0	79.9	100	150	200
		8.53	(184~314mm) f:2.8			51.2	68.3	85.3	102	119	137	171	256	341
*AH-32581	(T03)	6.08	8.82"~12.8" Power, Zoom	8:1~1:8		36.5	48.6	60.8	72.9	85.1	97	122	182	243
		8.82	(224mm~325mm) f:2.2~2.5			52.9	70.6	88.2	106	124	141	176	265	353
*AH-21032	(T01Z)	6.89	10" Manual, Fixed	8:1~1:8		41.4	55.1	68.9	82.7	96.5	110	138	207	276
(**AH-21031)	(T01)		(253.2mm) f:2.0											

Notes:

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height	(ft.)	3.4	4.5	5.6	6.8	7.9	9.0	11.3	16.9	22.5

Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.
Specifications are subject to change without prior notice.
This projector should be transported with no lens installed.

* 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 **T**hrow distance by the screen**W**idth to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Understanding Lens Shift. 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.

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