

EIKI

LENSES FOR LC-X6 & LC-SX6 POWERHOUSE

April 22, 2005.

Resolution: XGA (1024x768) or SXGA+ (1400X1050)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 1.12882 in. W (28.672 mm)

Image Dimensions (H & W in ft., D in in.) in 4:3.

Height (ft.)	4.5	6	7.5	9	10.5	12	15	22.5	25
Width (ft.)	6	8	10	12	14	16	20	30	33.33
Diagonal (in.)	90	120	150	180	210	240	300	450	500

EIKI Part No.	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).
*AH-32021	W03	1.05	1.18" Manual, Fixed (30.0mm) f:2.5	1:1 (on axis)	6.3 8.4 10.5 12.5 14.6 16.7 20.9 31.4 34.8
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.56	1.76" Manual, Fixed (44.7mm) f:2.5	8:1~1:8	9.4 12.5 15.6 18.7 21.8 24.9 31.2 46.8 52.0
***AH-32501 NEW!	(W05)	1.26 1.74	1.42~1.97" Power, Zoom (36~50 mm) f:2.0~2.6	2.5:1~1:2.5	7.5 10.0 12.6 15.1 17.6 20.1 25.1 37.7 41.8 10.5 13.9 17.4 20.9 24.4 27.9 34.9 52.3 58.1
***AH-32601 NEW!	(W06)	1.57 1.99	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	10:0~0:10 Memory Lens	9.4 12.5 15.7 18.8 22.0 25.1 31.4 47.0 52.3 12.0 15.9 19.9 23.9 27.9 31.9 39.9 59.8 66.4
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.82 2.37	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	8:1~1:8	10.9 14.6 18.2 21.8 25.5 29.1 36.4 54.6 60.7 14.2 18.9 23.7 28.4 33.2 37.9 47.4 71.0 78.9
****AH-32401 "Standard" or "Normal"	(W04)	1.99 2.61	2.28~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	10:0~0:10 Memory Lens	12.0 15.9 19.9 23.9 27.9 31.9 39.9 59.8 66.4 15.7 20.9 26.1 31.4 36.6 41.8 52.3 78.4 87
*AH-21102 (**AH-21101)	(S02Z) (S02)	2.64 3.40	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	10:0~0:10	15.8 21.1 26.4 31.7 37.0 42.2 52.8 79.2 88.0 20.4 27.2 34.0 40.8 47.6 54.4 68.0 102.1 113
*AH-22051	S03	3.38 4.57	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	8:1~1:8	20.3 27.1 33.8 40.6 47.4 54.1 67.7 101.5 113 27.4 36.6 45.7 54.9 64.0 73.1 91.4 137 152
***0001-4260	537	3.98 6.84	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	8:1~1:8	23.9 31.8 39.8 47.7 55.7 63.6 79.6 119.3 133 41.0 54.7 68.4 82.1 95.7 109.4 137 205 228
*AH-21022 (**AH-21021)	(M01Z) (M01)	4.34 5.64	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	8:1~1:8	26.0 34.7 43.4 52.1 60.8 69.5 86.8 130 145 33.9 45.1 56.4 67.7 79.0 90.3 112.9 169 188
*AH-21091	(T02)	5.51 7.71	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	8:1~1:8	33.1 44.1 55.1 66.1 77.1 88.2 110.2 165 184 46.2 61.7 77.1 92.5 107.9 123.3 154 231 257
***0001-4261	151	6.42 10.97	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	8:1~1:8	38.5 51.4 64.2 77.1 89.9 102.8 129 193 214 65.8 87.7 109.7 132 154 176 219 329 366
*AH-32581	(T03)	7.81 11.34	8.82~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	8:1~1:8	46.9 62.5 78.1 93.8 109.4 125 156 234 260 68.0 90.7 113.4 136 159 181 227 340 378
*AH-21032 (**AH-21031)	(T01Z) (T01)	8.86	10" Manual, Fixed (253.2mm) f:2.0	8:1~1:8	53.2 70.9 88.6 106.3 124.0 142 177 266 295

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	18.7
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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 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

Understanding Lens Shift. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image height

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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