

EIKI DISCONTINUED BOARDROOM PROJECTOR LENSES

October 29, 2001.

Screen Dimensions (H & W in ft., D in in.)

Resolution: XGA (1024x768) or SVGA (800x600)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Fixed Image Offset: 20:1 (Top:Bottom)

H'	4.50	5.25	6.00	7.50	9.00	10.50	12.00	13.50	15.00	20.00
W'	6.00	7.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	26.67
D"	90	105	120	150	180	210	240	270	300	400

EIKI Part N (& Ref.) T/W Description FL THROW DISTANCES in feet

LC-X999/LC-X984 (1.3" PolySilicon)

Standard		1.82	1.91"~2.48" Power, Zoom (48.4~62.8 mm) f:1.8~2.1	1.91	10.9	12.8	14.6	18.2	21.9	25.5	29.2	32.8	36.5	48.6
		2.37		2.48	14.2	16.6	18.9	23.7	28.4	33.2	37.9	42.6	47.4	63.2
AH-23021	(W30KE)	1.28	1.35"~1.90" Manual, Zoom (34.4~48.16 mm) f:2.5~3.0	1.35	7.7	9.0	10.3	12.9	15.5	18.1	20.6	23.2	25.8	34.4
		1.82		1.90	10.9	12.7	14.5	18.1	21.8	25.4	29.0	32.7	36.3	48.4
AH-23031	(T30KE)	2.38	2.50"~4.39" Manual, Zoom (63.5~111.5 mm) f:2.0~2.8	2.50	14.3	16.7	19.1	23.9	28.7	33.4	38.2	43.0	47.8	63.7
		4.20		4.39	25.2	29.4	33.5	41.9	50.3	58.7	67.1	75.5	83.9	111.8
0001-4201		2.63	2.75"~5.0" Manual, Zoom (70~125 mm) f:2.8	2.75	15.8	18.4	21.0	26.3	31.5	36.8	42.0	47.3	52.5	70.0
		4.78		5.00	28.7	33.4	38.2	47.8	57.3	66.9	76.4	86.0	95.5	127.3
0001-4202		4.97	5.2"~8.7" Manual, Zoom (132~220 mm) f:3.0	5.20	29.8	34.8	39.7	49.7	59.6	69.5	79.5	89.4	99.3	132.4
		8.32		8.70	49.9	58.2	66.5	83.1	99.7	116.3	133.0	149.6	166.2	221.6
0001-4203		5.73	6.0"~9.0" Manual, Zoom (150~230 mm) f:3.5	6.00	34.4	40.1	45.8	57.3	68.8	80.2	91.7	103.2	114.6	152.8
		8.60		9.00	51.6	60.2	68.8	86.0	103.2	120.3	137.5	154.7	171.9	229.2

LC-X990/LC-X983, LC-XGA980UE/LC-XGA982U, LC-XGA980U (1.3" PolySilicon)

Standard		1.82	1.91"~2.48" Power, Zoom (48.4~62.8 mm) f:1.8~2.1	1.91	10.9	12.8	14.6	18.2	21.9	25.5	29.2	32.8	36.5	48.6
		2.37		2.48	14.2	16.6	18.9	23.7	28.4	33.2	37.9	42.6	47.4	63.2
AH-23021	(W30KE)	1.28	1.35"~1.90" Manual, Zoom (34.4~48.16 mm) f:2.5~3.0	1.35	7.7	9.0	10.3	12.9	15.5	18.1	20.6	23.2	25.8	34.4
		1.82		1.90	10.9	12.7	14.5	18.1	21.8	25.4	29.0	32.7	36.3	48.4
AH-23031	(T30KE)	2.38	2.50"~4.39" Manual, Zoom (63.5~111.5 mm) f:2.0~2.8	2.50	14.3	16.7	19.1	23.9	28.7	33.4	38.2	43.0	47.8	63.7
		4.20		4.39	25.2	29.4	33.5	41.9	50.3	58.7	67.1	75.5	83.9	111.8
0001-4201		2.63	2.75"~5.0" Manual, Zoom (70~125 mm) f:2.8	2.75	15.8	18.4	21.0	26.3	31.5	36.8	42.0	47.3	52.5	70.0
		4.78		5.00	28.7	33.4	38.2	47.8	57.3	66.9	76.4	86.0	95.5	127.3
0001-4202		4.97	5.2"~8.7" Manual, Zoom (132~220 mm) f:3.0	5.20	29.8	34.8	39.7	49.7	59.6	69.5	79.5	89.4	99.3	132.4
		8.32		8.70	49.9	58.2	66.5	83.1	99.7	116.3	133.0	149.6	166.2	221.6
0001-4203		5.73	6.0"~9.0" Manual, Zoom (150~230 mm) f:3.5	6.00	34.4	40.1	45.8	57.3	68.8	80.2	91.7	103.2	114.6	152.8
		8.60		9.00	51.6	60.2	68.8	86.0	103.2	120.3	137.5	154.7	171.9	229.2

LC-SVGA870U (1.3" PolySilicon)

Standard		1.83	1.91"~2.48" Power, Zoom (48.4~62.8 mm) f:1.8~2.1	1.91	11.0	12.9	14.7	18.4	22.1	25.7	29.4	33.1	36.8	-
		2.38		2.48	14.3	16.7	19.1	23.9	28.6	33.4	38.2	43.0	47.7	-
0001-4180A		2.65	2.75"~5.0" Manual, Zoom (70~125 mm) f:2.8	2.75	15.9	18.5	21.2	26.5	31.8	37.1	42.3	47.6	52.9	-
		4.82		5.00	28.9	33.7	38.5	48.1	57.7	67.4	77.0	86.6	96.2	-
0001-4188A		5.00	5.2"~8.7" Manual, Zoom (132~220 mm) f:3.0	5.20	30.0	35.0	40.0	50.0	60.1	70.1	80.1	90.1	100.1	-
		8.37		8.70	50.2	58.6	67.0	83.7	100.5	117.2	134.0	150.7	167.5	-
0001-4181A		5.77	6.0"~9.0" Manual, Zoom (150~230 mm) f:3.5	6.00	34.6	40.4	46.2	57.7	69.3	80.8	92.4	103.9	115.5	-
		8.67		9.00	52.0	60.6	69.3	86.6	103.9	121.3	138.6	155.9	173.2	-

Notes: Lens change requires removal of the main board, and the services of a qualified lcd projector technician.
 Calculations are from the front glass of the lens and are accurate to approximately +/- 1%.
 Specifications are subject to change without prior notice.

How to use this chart.

If your screen size is covered on the chart, great. If not, use the T/W column to find the lens you need. It's easy!
 First, divide the Throw distance you need by the screen Width you need to get your "target T/W ratio"
 Then, look for a lens with a T/W ratio range that covers your target T/W ratio.

Eiki International, Inc. Tel: 800-322-3454, Fax: 800-457-3454, E-mail: usa@eiki.com
 In Canada: Tel: 800-563-3454, Fax: 800-567-4069, E-mail: canada@eiki.com
 Fax-on-Demand: 877-345-4329 Website: http://www.eiki.com

EIKI

BOARDROOM PROJECTOR LENSES

8/20/1999

Screen Dimensions (H & W in ft., D in in.)

H	4.50	1.00	5.25	6.00	7.50	9.00	10.50	12.00	13.50	15.00	20.00
W	6.00	1.33	7.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	26.67
D	90	20	105	120	150	180	210	240	270	300	400

EIKI P/N $\frac{T}{W}$ FL Description THROW DISTANCES in feet

LC-XGA970U/E & LC-SVGA860U (1.3" PolyS

Standard	1.78	1.85	1.85"~2.95" Power, Zoom (47~75 mm) f:2.5~3.2	10.7	2.4	12.5	14.2	17.8	21.3	24.9	28.5	32.0	35.6	47.4
	2.83	2.95		17.0	3.8	19.9	22.7	28.4	34.0	39.7	45.4	51.1	56.7	75.6
0001-4157	2.65	2.75	2.75"~5.0" Manual, Zoom (70~125 mm) f:2.8	15.9	3.5	18.5	21.2	26.4	31.7	37.0	42.3	47.6	52.9	70.5
	4.80	5.00		28.8	6.4	33.7	38.5	48.1	57.7	67.3	76.9	86.5	96.2	128
0001-4158	5.00	5.20	5.2"~8.7" Manual, Zoom (132~220 mm) f:3.0	30.0	6.7	35.0	40.0	50.0	60.0	70.0	80.0	90.0	100	133
	8.37	8.70		50.2	11.1	58.6	66.9	83.7	100	117	134	151	167	223
0001-4159	7.02	7.30	7.3"~12.3" Manual, Zoom (187~312 mm) f:4.0	42.1	9.3	49.1	56.2	70.2	84.2	98.3	112	126	140	187
	11.83	####		71.0	15.7	82.8	94.6	118	142	166	189	213	237	315

LC-4300S, LC-360, LC-180AR (to 200" dia. only) LC-180 (to 200" dia. only) (1.3" PolySilicon)

Standard	2.02	2.09	2.09"~2.72" Manual, Zoom (53.1~69.1) f:2.8~3.2	12.1	2.7	14.1	16.1	20.1	24.1	28.1	32.2	36.2	40.2	-
	2.62	2.72		15.7	3.5	18.3	20.9	26.2	31.4	36.6	41.8	47.1	52.3	-
Televerter (360 only)	2.62	2.72	2.72"~3.54" Manual, Zoom (69.1~90 mm)	15.7	3.5	18.3	20.9	26.2	31.4	36.6	41.8	47.1	52.3	-
	3.40	3.54		20.4	4.5	23.8	27.2	34.0	40.8	47.7	54.5	61.3	68.1	-

LC-7000UE, LC-7000 (1.3" PolySilicon)

Standard	1.78	1.85	1.85"~2.95" Power, Zoom (47~75 mm) f:2.5~3.2	10.7	2.4	12.5	14.2	17.8	21.3	24.9	28.5	32.0	35.6	47.4
	2.83	2.95		17.0	3.8	19.9	22.7	28.4	34.0	39.7	45.4	51.1	56.7	75.6

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