EIKI **LENSES FOR LC-XL100 & LC-XL200** **Oct 8, 2010.**

Resolution: XGA (1024x768)
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
Aperture: 0.64 in. wide

Screen Dimensions.								
H'	2	5	6	7.5	9	12	15	20
W'	2.67	6.67	8	10	12	16	20	26.67
D"	40	100	120	150	180	240	300	400

Factory Specifications - Standard Lens							Measurements and Calculations									
EIKI Part No.	**Ref.**	**TR**	**Diagonal**	**Shift Range**	**Shift Ratio**	**Description**	**Xtend**	**Wt**	**T/W**	**Throw (Distance to Screen) in feet.**						
AH-24741	S20	1.70	Min: 40"	V: +/- 50%	V: 10:0 ~ 0:10	1.05~1.78" Power, Zoom	2.51 in	1.87 lb	1.66	4.4	11.0	13.3	16.6	19.9	26.5	33.1	44.2
(645 101 1053)		2.89	Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3	(26.85~45.43 mm) f:1.74~2.37	63.7 mm	0.85 kg	2.80	7.5	18.7	22.4	28.0	33.6	44.8	55.9	74.6

Factory Specifications - Auxiliary Lenses							Measurements and Calculations									
EIKI Part No.	**Ref.**	**TR**	**Diagonal**	**Shift Range**	**Shift Ratio**	**Description**	**Xtend**	**Wt**	**T/W**	**Throw (Distance to Screen) in feet.**						
AH-24721	W21	0.80	Min: 40"	V: 0%	V: 1:1 (on axis)	0.51" Power, Fixed	2.12 in	2.38 lb	0.8	2.1	5.4	6.40	8.0	9.6	12.9	16.1	21.4
			Max: 400"	H: 0%	H: 1:1 (on axis)	(13.05 mm) f:2.0	53.9 mm	1.08 kg									
0001-4344	1625	0.98	Min: ∞	V: 0%	V: 1:1 (on axis)	0.629" Manual, Fixed	1 in	3 lb	0.98	2.6	6.6	7.90	9.8	11.8	15.7	19.7	26.2
			Max: ∞	H: 0%	H: 1:1 (on axis)	(16 mm) f:2.5	25.4	1.36									
AH-24711	W20	1.25	Min: 40"	V: +/- 50%	V: 10:0 ~ 0:10	0.80~1.08" Power, Zoom	3.29 in	2.65 lb	1.25	3.3	8.3	10.0	12.5	15.0	20.0	25.0	33.3
		1.70	Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3	(20.35~27.66 mm) f:1.8~2.3	83.5 mm	1.20 kg	1.70	4.5	11.4	13.6	17.0	20.4	27.3	34.1	45.4
AH-24771	T20	2.89	Min: 40"	V: +/- 50%	V: 10:0 ~ 0:10	1.79~2.90" Power, Zoom	3.47 in	2.60 lb	2.80	7.5	18.7	22.4	28.0	33.7	44.9	56.1	74.8
		4.60	Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3	(45.6~73.8 mm) f:1.82~2.34	88.1 mm	1.18 kg	4.53	12.1	30.2	36.3	45.3	54.4	72.5	90.6	121
0001-4345	500	4.30	Min: ∞	V: +/- 50%	V: 10:0 ~ 0:10	2.75-5.00" Manual, Zoom	5 in	4 lb	4.30	11.5	28.7	34.4	43.0	51.6	68.8	85.9	114.6
		7.69	Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3	(70-125mm) f:2.8	127	1.81	7.81	20.9	52.1	62.5	78.1	93.8	125.0	156.3	208
AH-24781	T21	4.60	Min: 40"	V: +/- 50%	V: 10:0 ~ 0:10	2.90"~4.61" Power, Zoom	3.32 in	2.65 lb	4.53	12.1	30.2	36.3	45.3	54.4	72.5	90.6	121
		7.36	Max: 400"	H: +/- 10%	H: 3:2 ~ 2:3	(73.9~117.1 mm) f:1.83~2.35	84.3 mm	1.20 kg	7.20	19.2	48.0	57.6	72.0	86.4	144	144	192
0001-4351	087	8.10	Min: ∞	V: +/- 50%	V: 10:0 ~ 0:10	5.2-8.7" Manual, Zoom	8.0 in	8 lb	8.13	21.7	54.2	65.0	81.3	97.5	130.0	162.5	217
		13.50	Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3	(132-220 mm) f:3.5	203.2 mm	3.63 kg	13.59	36.3	90.7	108.8	135.9	163.1	144	272	363
0001-4346	900	9.20	Min: ∞	V: +/- 50%	V: 10:0 ~ 0:10	6.0-9.0" Manual, Zoom	5.25 in	6 lb	9.38	25.0	62.5	75.0	93.8	112.5	150.0	187.5	250
		14.00	Max: ∞	H: +/- 10%	H: 3:2 ~ 2:3	(150-230 mm) f:3.5	133.4 mm	2.72 kg	14.06	37.5	93.8	112.5	140.6	168.8	144	281	375

In Widescreen Video Mode, 16:9 Source, <u>Normal</u> (default) Setting
Signal is scaled proportionatly to fit: maintains aspect ratio.
Projected Image: 1024x576 - full width, 96 black pixels top & bottom

H'	1.5	3.75	4.5	5.63	6.75	9	11.25	15
W'	2.67	6.67	8	10	12	16	20	26.67
D"	36.8	91.8	110	138	165	220	275	367

These tables are a simulation. They are the result of averaging and rounding. Lens performance is actually not linear, and non-mathematical variations in behavior do occur.
Calculations are from the front glass of the lens and accurate to approximately +/- 3.5%. Specifications are subject to change without notice.

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