

EIKI

LENSES FOR LC-WXL200/A/AL

May 04, 2015.

Screen Dimensions.

H'	1.7	4.4	5.0	6.2	7.5	8.8	10.0	13.3
W'	2.7	7.1	8.0	10.0	12.0	14.2	16.0	21.2
D"	38	100	113	141	170	200	226	300

Resolution: WXGA (1280x800)

Aspect Ratio: (10 High by 16 Wide by 18.87 Diagonal)

Aperture: 0.6444

Factory Specifications - Standard Lens						Measurements and Calculations											
EIKI Part No.	Ref.	Diagonal	Shift Range	Shift Ratio	Description	Xtend	Wt	T/W	Throw (Distance to Screen) in feet.								
AH-24741 (645 101 1053)	S20	Min: 40" Max: 400"	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	1.05~1.78" Power, Zoom (26.85~45.43 mm) f:1.74~2.37	2.51 in 63.7 mm	1.87 lb 0.85 kg	1.64	4.4	11.6	13.2	16.4	19.7	23.3	26.3	34.9	
									2.78	7.4	19.7	22.2	27.8	33.3	39.3	44.4	58.9

Factory Specifications - Auxiliary Lenses						Measurements and Calculations											
EIKI Part No.	Ref.	Diagonal	Shift Range	Shift Ratio	Description	Xtend	Wt	T/W	Throw (Distance to Screen) in feet.								
AH-24721	W21	Min: 40" Max: 400"	V: 0% H: 0%	V: 1:1 (on axis) H: 1:1 (on axis)	0.51" Power, Fixed (13.05 mm) f:2.0	2.12 in 53.9 mm	2.38 lb 1.08 kg	0.8	2.1	5.6	6.40	8.00	9.60	11.3	12.8	16.9	
0001-4344	1625	Min: ∞ Max: ∞	V: 0% H: 0%	V: 1:1 (on axis) H: 1:1 (on axis)	0.629" Manual, Fixed (16 mm) f:2.5	1 in 25.4	3 lb 1.36	0.98	2.6	6.9	7.80	9.80	11.70	13.8	15.6	20.7	
AH-24711	W20	Min: 40" Max: 400"	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	0.80~1.08" Power, Zoom (20.35~27.66 mm) f:1.8~2.3	3.29 in 83.5 mm	2.65 lb 1.20 kg	1.24	3.3	8.8	9.9	12.4	14.9	17.6	19.9	26.3	
									1.69	4.5	12.0	13.5	16.9	20.3	23.9	27.1	35.9
AH-24771	T20	Min: 40" Max: 400"	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	1.79~2.90" Power, Zoom (45.6~73.8 mm) f:1.82~2.34	3.47 in 88.1 mm	2.60 lb 1.18 kg	2.79	7.4	19.7	22.3	27.9	33.4	39.4	44.6	59.1	
									4.5	12.0	31.9	36.0	45.0	54.0	63.7	72.0	95.4
0001-4345	500	Min: ∞ Max: ∞	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	2.75-5.00" Manual, Zoom (70-125mm) f:2.8	5 in 127	4 lb 1.81	4.27	11.4	30.2	34.1	42.7	51.2	60.4	68.3	90.5	
									7.76	20.7	54.9	62.1	77.6	93.1	109.8	124.1	164.5
AH-24781	T21	Min: 40" Max: 400"	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	2.90~4.61" Power, Zoom (73.9~117.1 mm) f:1.83~2.35	3.32 in 84.3 mm	2.65 lb 1.20 kg	4.5	12.0	31.9	36.0	45.0	54.0	63.7	72.0	95.4	
									7.15	19.1	50.6	57.2	71.5	85.8	101.2	114.5	144
0001-4351	087	Min: ∞ Max: ∞	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	5.2-8.7" Manual, Zoom (132-220 mm) f:3.5	8.0 in 203.2 mm	8 lb 3.63 kg	8.07	21.5	57.1	64.6	80.7	96.8	114.2	129.1	171.1	
									13.50	36.0	95.6	108.0	135.0	162.0	191.0	216.0	144
0001-4346	900	Min: ∞ Max: ∞	V: +/- 60% H: +/- 10%	V: 11:-1 ~ -1:11 H: 3:2 ~ 2:3	6.0-9.0" Manual, Zoom (150-230 mm) f:3.5	5.25 in 133.4 mm	6 lb 2.72 kg	9.31	24.9	65.9	74.5	93.1	111.7	131.8	149.0	197.4	
									13.97	37.3	98.9	111.7	139.7	167.6	197.6	223.5	144

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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