

EIKI LENSES FOR LC-SX4 POWERHOUSE SERIES PROJECTORS

Apr. 22, 2002.

Resolution: SXGA (1280x1024)
 Aspect Ratio: (4 High by 5 Wide by 6.4 Diagonal)
 Aperture: 1.409 in. wide

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

H'	4.8	6.4	8	9.6	11.2	12.8	16	24	32
W'	6	8	10	12	14	16	20	30	40
D"	92.2	123	154	184	215	246	307	461	615

EIKI Part No.	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).									
AH-32021	W03	0.84	1.18" Manual, Fixed (30.0mm) f:2.5	1:1 (on axis)	5.0	6.7	8.4	10.0	11.7	13.4	16.7	25.1	33.5	
0001-4241		1.06	1.5" Manual, Fixed (38mm) f:2.5	1:1 (on axis) RP only (halo)	6.4	8.5	10.6	12.8	14.9	17.0	21.3	31.9	42.6	
AH-21012 (*AH-21011)	(W01Z) (W01)	1.25	1.76" Manual, Fixed (44.7mm) f:2.5	8:1~1:8	7.5	10.0	12.5	15.0	17.5	20.0	25.0	37.5	50.0	
0001-4242		1.49	2.1" Manual, Fixed (54mm) f:2.5	8:1~1:8	8.9	11.9	14.9	17.9	20.9	23.8	29.8	44.7	59.6	
AH-21202 (*AH-21201)	(W02Z) (W02)	1.46 1.90	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	8:1~1:8	8.8 11.4	11.7 15.2	14.6 19.0	17.5 22.8	20.4 26.6	23.3 30.4	29.2 37.9	43.8 56.9	58.3 75.9	
AH-21102 (*AH-21101)	(S02Z) (S02)	2.11 2.73	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	10:0~0:10 Standard	12.7 16.4	16.9 21.8	21.1 27.3	25.4 32.7	29.6 38.2	33.8 43.6	42.3 54.5	63.4 81.8	84.6 109	
AH-22051	S03	2.71 3.66	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	8:1~1:8	16.3 22.0	21.7 29.3	27.1 36.6	32.5 43.9	38.0 51.3	43.4 58.6	54.2 73.2	81.3 110	108 147	
0001-4243		3.24 5.17	4.56~7.29" Manual, Zoom (115~185mm) f:2.0	8:1~1:8	19.4 31.0	25.9 41.4	32.4 51.7	38.8 62.1	45.3 72.4	51.8 82.8	64.7 104	97.1 155	130 207	
AH-21022 (*AH-21021)	(M01Z) (M01)	3.48 4.52	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	8:1~1:8	20.9 27.1	27.8 36.2	34.8 45.2	41.7 54.3	48.7 63.3	55.6 72.3	69.6 90.4	104 136	139 181	
AH-21091	(T02)	4.41 6.17	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	8:1~1:8	26.5 37.0	35.3 49.4	44.1 61.7	53.0 74.1	61.8 86.4	70.6 98.8	88.3 124	132 185	177 247	
0001-4244		5.24 8.73	7.38~12.3" Manual, Zoom (187~312mm) f:2.8	8:1~1:8	31.4 52.4	41.9 69.8	52.4 87.3	62.9 105	73.3 122	83.8 140	105 175	157 262	210 349	
AH-21032 (*AH-21031)	(T01Z) (T01)	7.10	10" Manual, Fixed (253.2mm) f:2.0	8:1~1:8	42.6	56.8	71.0	85.2	99.4	114	142	213	284	
0001-4245		9.94	14" Manual, Fixed (355.6mm) f:4.0	8:1~1:8	59.6	79.5	99.4	119	139	159	199	298	397	

Notes: Calculations are from the front glass of the lens and are accurate to approximately +/- 1

Specifications are subject to change without prior notice.

* Remove guide pin from projector lens mount bracket to install. See manual supplied with projector.

** Use lens adapter bracket (P/N 610 289 1645) supplied with projector to install. See manual supplied with projector.

Use of lens AH-21041 (S01) (2.06~2.67 in. / 67.3~107.6 mm. f:2.6~3.5) is NOT recommended as it transmits too little light.

This projector should be transported with no lens installed. Only the AH-21102 lens may be left installed for transport.

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 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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