

EIKI LENSES FOR LC-X4 POWERHOUSE SERIES PROJECTORS

Apr. 22, 2002.

Resolution: XGA (1024x768)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 1.453 in. wide

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

H'	4.5	6	7.5	9	10.5	12	15	22.5	30
W'	6	8	10	12	14	16	20	30	40
D"	90	120	150	180	210	240	300	450	600

EIKI Part No.	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).									
AH-32021	W03	0.81	1.18" Manual, Fixed (30.0mm) f:2.5	1:1 (on axis)	4.9	6.5	8.1	9.7	11.4	13.0	16.2	24.4	32.5	
0001-4241		1.03	1.5" Manual, Fixed (38mm) f:2.5	1:1 (on axis) RP only (halo)	6.2	8.3	10.3	12.4	14.5	16.5	20.6	31.0	41.3	
AH-21012 (*AH-21011)	(W01Z) (W01)	1.21	1.76" Manual, Fixed (44.7mm) f:2.5	8:1~1:8	7.3	9.7	12.1	14.5	17.0	19.4	24.2	36.3	48.5	
0001-4242		1.45	2.1" Manual, Fixed (54mm) f:2.5	8:1~1:8	8.7	11.6	14.5	17.3	20.2	23.1	28.9	43.4	57.8	
AH-21202 (*AH-21201)	(W02Z) (W02)	1.41 1.84	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	8:1~1:8	8.5 11.0	11.3 14.7	14.1 18.4	17.0 22.1	19.8 25.8	22.6 29.4	28.3 36.8	42.4 55.2	56.6 73.6	
AH-21102 (*AH-21101)	(S02Z) (S02)	2.05 2.64	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	10:0~0:10 Standard	12.3 15.9	16.4 21.1	20.5 26.4	24.6 31.7	28.7 37.0	32.8 42.3	41.0 52.9	61.5 79.3	82.0 106	
AH-22051	S03	2.63 3.55	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	8:1~1:8	15.8 21.3	21.0 28.4	26.3 35.5	31.5 42.6	36.8 49.7	42.1 56.8	52.6 71.0	78.9 107	105 142	
0001-4243		3.14 5.02	4.56~7.29" Manual, Zoom (115~185mm) f:2.0	8:1~1:8	18.8 30.1	25.1 40.1	31.4 50.2	37.7 60.2	43.9 70.2	50.2 80.3	62.8 100	94.2 151	126 201	
AH-21022 (*AH-21021)	(M01Z) (M01)	3.37 4.38	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	8:1~1:8	20.2 26.3	27.0 35.1	33.7 43.8	40.5 52.6	47.2 61.4	54.0 70.1	67.4 87.7	101 132	135 175	
AH-21091	(T02)	4.28 5.99	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	8:1~1:8	25.7 35.9	34.2 47.9	42.8 59.9	51.4 71.9	59.9 83.8	68.5 95.8	85.6 120	128 180	171 240	
0001-4244		5.08 8.47	7.38~12.3" Manual, Zoom (187~312mm) f:2.8	8:1~1:8	30.5 50.8	40.6 67.7	50.8 84.7	60.9 102	71.1 119	81.3 135	102 169	152 254	203 339	
AH-21032 (*AH-21031)	(T01Z) (T01)	6.88	10" Manual, Fixed (253.2mm) f:2.0	8:1~1:8	41.3	55.1	68.8	82.6	96.4	110	138	207	275	
0001-4245		9.64	14" Manual, Fixed (355.6mm) f:4.0	8:1~1:8	57.8	77.1	96.4	116	135	154	193	289	385	

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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