

Resolution: SXGA (1280 x 1024)

Aspect Ratio: (4 High by 5 Wide by 6.4 Diagonal)

True 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 | Specification | 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 | |
| 0001-4191 | | 1.06 | 1.5" Manual, Fixed (38.1mm) 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 (was 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 | |
| 0001-4224 | | 1.49 | 2.1" Manual, Fixed (54mm) f:2.5 | 1:1 (on axis) RP only (halo) | 8.9 | 11.9 | 14.9 | 17.9 | 20.9 | 23.8 | 29.8 | 44.7 | 59.6 | |
| AH-21202 (was 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-21041* | (S01) | 1.88 3.01 | 2.65~4.24" Power, Zoom (67.3~107.6mm) f:2.6~3.5 | 10:0~0:10 | 11.3 18.1 | 15 24.1 | 18.8 30.1 | 22.6 36.1 | 26.3 42.1 | 30.1 48.1 | 37.6 60.2 | 56.4 90.3 | 75.2 120 | |
| AH-21102** (was 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 | |
| 0001-4167A | | 3.24 5.17 | 4.56~7.29" Manual, Zoom (115~185mm) f:2.4 | 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 83 | 64.7 104 | 97.1 155 | 130 207 | |
| AH-21022 (was 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 | 104 136 | 139 181 | |
| 0001-4166A | | 4.26 6.39 | 6~9" Manual, Zoom (150~230mm) f:3.5 | 8:1~1:8 | 25.6 38.3 | 34.1 51.1 | 42.6 63.9 | 51.1 76.7 | 59.6 89 | 68.1 102 | 85 128 | 128 192 | 170 256 | |
| 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 99 | 88 124 | 132 185 | 177 247 | |
| 0001-4168A | | 5.24 8.73 | 7.38~12.3" Manual, Zoom (187~312mm) f:4.0 | 8:1~1:8 | 31.4 52.4 | 41.9 69.8 | 52.4 87.3 | 62.9 105 | 73.3 122 | 84 140 | 105 175 | 157 262 | 210 349 | |
| AH-21032 (was 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 | 114 | 142 | 213 | 284 | |
| 0001-4230 | | 9.94 | 14" Manual, Fixed (356mm) f:4.0 | 8:1~1:8 | 59.6 | 79.5 | 99.4 | 119 | 139.1 | 159 | 199 | 298 | 397 | |

*AH-21041 was the supplied lens on LC-X1U/A; **AH-21101/2 was the supplied lens on LC-SX1U, LC-SX2U/A, LC-SX3 and LC-X2U/A, LC-X3.
Calculations are from front glass of lens and are accurate to approximately +/- 1%. Specifications are subject to change without prior notice.

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.