

Resolution: XGA (1024x768)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 True Aperture: 1.048 in. wide

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

| | | | | | | | | |
|----------|------|-----|-----|-----|------|-----|-----|------|
| H' (ft.) | 5 | 6 | 7.5 | 9 | 10.5 | 12 | 15 | 20 |
| W' (ft.) | 6.67 | 8 | 10 | 12 | 14 | 16 | 20 | 26.7 |
| D" (in.) | 100 | 120 | 150 | 180 | 210 | 240 | 300 | 400 |

| EIKI Part No. | Ref. | T/W | Standard Lens | Shift/Limits | Distance (expressed in feet). | | | | | | | | |
|--------------------|------|------|--------------------------|--------------|-------------------------------|------|------|------|------|------|------|------|--|
| LC-X1100, LC-X1000 | | | | | | | | | | | | | |
| Standard Lens | | 1.81 | 1.90"~2.47" Power, Zoom | 10:0~1:1 | 12.1 | 14.5 | 18.1 | 21.7 | 25.3 | 29 | 36.2 | 48.3 | |
| (645 047 2770) | | 2.35 | (48.2~62.6 mm) f:1.7~2.0 | | 15.7 | 18.8 | 23.5 | 28.2 | 32.9 | 37.6 | 47 | 62.7 | |

| | | | | | | | | | | | | | |
|------------------|--|------|--------------------------|----------|------|------|------|------|------|------|------|------|--|
| LC-X986, LC-X985 | | | | | | | | | | | | | |
| Standard Lens | | 1.82 | 1.91"~2.48" Power, Zoom | 10:0~1:1 | 12.2 | 14.6 | 18.2 | 21.9 | 25.5 | 29.2 | 36.4 | 48.6 | |
| (645 043 7144) | | 2.37 | (48.4~62.8 mm) f:1.8~2.1 | | 15.8 | 18.9 | 23.7 | 28.4 | 33.1 | 37.9 | 47.3 | 63.1 | |

| EIKI Part No. | Ref. | T/W | Auxiliary Lenses | Distance (expressed in feet). | | | | | | | | |
|---------------|------|-------|------------------------------------|---------------------------------|------|------|-------|-------|-------|-------|-------|------|
| AH-32011 | W32 | 0.84 | 0.88" Manual, Fixed (22.3mm) f:2.5 | 1:1 (on axis) | 5.6 | 6.7 | 8.4 | 10.1 | 11.8 | 13.4 | 16.8 | 22.4 |
| 0001-4234 | 1028 | 0.95 | 1.0" Manual, Fixed (25.4mm) f:2.8 | 1:1 (on axis) RP only (halo) | 6.4 | 7.6 | 9.5 | 11.5 | 13.4 | 15.3 | 19.1 | 25.4 |
| 0001-4235 | 012 | 1.15 | 1.2" Manual, Fixed (30.5mm) f:2.8 | 1:1 (on axis) RP only (halo) | 7.6 | 9.2 | 11.5 | 13.7 | 16.0 | 18.3 | 22.9 | 30.5 |
| 0001-4257 | 1218 | 1.22 | 1.28"~1.8" Manual, Zoom | 10:0~1:1 | 8.1 | 9.8 | 12.2 | 14.7 | 17.1 | 19.5 | 24.4 | 32.6 |
| | | 1.72 | (32.5~45.7 mm) f:2.5 | | 11.5 | 13.7 | 17.2 | 20.6 | 24.0 | 27.5 | 34.4 | 45.8 |
| AH-23122 | W31A | 1.29 | 1.35"~1.90" Power, Zoom | 10:0~1:1 | 8.6 | 10.3 | 12.9 | 15.5 | 18 | 20.6 | 25.8 | 34.4 |
| | | 1.81 | (34.3~48.2 mm) f:2.5~3.0 | | 12.1 | 14.5 | 18.1 | 21.8 | 25.4 | 29 | 36.3 | 48.4 |
| AH-23132 | T31A | 2.39 | 2.50"~4.39" Power, Zoom | 10:0~1:1 | 15.9 | 19.1 | 23.9 | 28.6 | 33.4 | 38.2 | 47.7 | 63.6 |
| | | 4.19 | (63.5~111.5 mm) f:2.0~2.9 | | 27.9 | 33.5 | 41.9 | 50.3 | 58.6 | 67 | 83.8 | 112 |
| 0001-4237 | 500 | 2.62 | 2.75"~5.0" Manual, Zoom | 10:0~1:1 | 17.5 | 21 | 26.2 | 31.5 | 36.7 | 42 | 52.5 | 70 |
| | | 4.77 | (70~125 mm) f:2.8 | | 31.8 | 38.2 | 47.7 | 57.3 | 66.8 | 76.3 | 95 | 127 |
| AH-24241 | T32 | 4.21 | 4.41"~6.10" Power, Zoom | 10:0~1:1 | 28.1 | 33.7 | 42.1 | 50.5 | 58.9 | 67.3 | 84.1 | 112 |
| | | 5.82 | (112~155 mm) f:2.1~2.7 | | 38.8 | 46.6 | 58.2 | 69.9 | 81.5 | 93.2 | 117 | 155 |
| 0001-4238 | 087 | 4.96 | 5.2"~8.7" Manual, Zoom | 10:0~1:1 | 33.1 | 39.7 | 49.6 | 59.5 | 69.5 | 79.4 | 99.2 | 132 |
| | | 8.30 | (132~220 mm) f:3.0 | | 55.4 | 66.4 | 83 | 99.6 | 116.2 | 133 | 166 | 221 |
| 0001-4239 | 900 | 5.73 | 6.0"~9.0" Manual, Zoom | 10:0~1:1 | 38.2 | 45.8 | 57.3 | 68.7 | 80.2 | 91.6 | 114.5 | 153 |
| | | 8.59 | (150~230 mm) f:3.5 | | 57.3 | 68.7 | 85.9 | 103.1 | 120 | 137 | 172 | 229 |
| 0001-4270 | 123 | 7.04 | 7.38"~12.3" Manual, Zoom | 10:0~1:1 | 47 | 56.3 | 70.4 | 84.5 | 98.6 | 112.7 | 140.8 | 188 |
| | | 11.74 | (187~312 mm) f:4.0 | | 78.3 | 93.9 | 117.4 | 140.8 | 164 | 188 | 235 | 313 |

Notes:

| | | | | | | | | | | |
|--------------------------------------------------------------|-------------|-------|-----|-----|-----|-----|-----|-----|------|------|
| For 16:9, width stays the same as 4:3 (ignore the diagonal). | 16:9 Height | (ft.) | 3.8 | 4.5 | 5.6 | 6.8 | 7.9 | 9.0 | 11.3 | 15.0 |
|--------------------------------------------------------------|-------------|-------|-----|-----|-----|-----|-----|-----|------|------|

Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.
 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.