

Resolution: XGA (1024x768)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

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

|    |     |     |     |     |      |     |     |      |
|----|-----|-----|-----|-----|------|-----|-----|------|
| H' | 4.5 | 6   | 7.5 | 9   | 10.5 | 12  | 15  | 20   |
| W' | 6   | 8   | 10  | 12  | 14   | 16  | 20  | 26.7 |
| D" | 90  | 120 | 150 | 180 | 210  | 240 | 300 | 400  |

True Aperture: 1.048 in. wide

| EIKI Part No. | Ref. | T/W  | Standard Lens            | Shift/Limits | Distance (expressed in feet). |      |      |      |      |      |      |      |
|---------------|------|------|--------------------------|--------------|-------------------------------|------|------|------|------|------|------|------|
| Standard      |      | 1.82 | 1.91"~2.48" Power, Zoom  | 10:0~0:10    | 10.9                          | 14.6 | 18.2 | 21.9 | 25.5 | 29.2 | 36.5 | 48.6 |
|               |      | 2.37 | (48.4~62.8 mm) f:1.8~2.1 |              | 14.2                          | 18.9 | 23.7 | 28.4 | 33.1 | 37.9 | 47.3 | 63.1 |

| EIKI P/N | Ref. | T/W  | Auxiliary Lenses  | Shift/Limits  | Distance (expressed in feet). |     |     |      |      |      |      |      |
|----------|------|------|---|---------------|-------------------------------|-----|-----|------|------|------|------|------|
| AH-32011 | W32  | 0.84 | 0.88" Manual, Fixed (22.3mm) f:2.5<br>Requires AH-64011 front cover | 1:1 (on axis) | 5.0                           | 6.7 | 8.4 | 10.1 | 11.8 | 13.4 | 16.8 | 22.4 |

|           |  |      |                                   |                                 |     |     |      |      |      |      |      |      |
|-----------|--|------|-----------------------------------|---------------------------------|-----|-----|------|------|------|------|------|------|
| 0001-4216 |  | 1.15 | 1.2" Manual, Fixed (30.5mm) f:2.8 | 1:1 (on axis)<br>RP only (halo) | 6.9 | 9.2 | 11.5 | 13.7 | 16.0 | 18.3 | 22.9 | 30.5 |
|-----------|--|------|-----------------------------------|---------------------------------|-----|-----|------|------|------|------|------|------|

|          |     |      |                          |          |      |      |      |      |      |      |      |      |
|----------|-----|------|--------------------------|----------|------|------|------|------|------|------|------|------|
| AH-23121 | W31 | 1.29 | 1.35"~1.90" Power, Zoom  | 10:0~1:3 | 7.7  | 10.3 | 12.9 | 15.5 | 18.0 | 20.6 | 25.8 | 34.4 |
|          |     | 1.81 | (34.3~48.2 mm) f:2.5~3.0 |          | 10.9 | 14.5 | 18.1 | 21.8 | 25.4 | 29.0 | 36.3 | 48.4 |

|          |     |      |                           |          |      |      |      |      |      |      |      |      |
|----------|-----|------|---------------------------|----------|------|------|------|------|------|------|------|------|
| AH-23131 | T31 | 2.39 | 2.50"~4.39" Power, Zoom   | 10:0~1:3 | 14.3 | 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 |          | 25.1 | 33.5 | 41.9 | 50.3 | 58.6 | 67.0 | 83.8 | 112  |

|           |  |      |                         |          |      |      |      |      |      |      |      |      |
|-----------|--|------|-------------------------|----------|------|------|------|------|------|------|------|------|
| 0001-4217 |  | 2.62 | 2.75"~5.0" Manual, Zoom | 10:0~1:3 | 15.7 | 21.0 | 26.2 | 31.5 | 36.7 | 42.0 | 52.5 | 70.0 |
|           |  | 4.77 | (70~125 mm) f:2.8       |          | 28.6 | 38.2 | 47.7 | 57.3 | 66.8 | 76.3 | 95.4 | 127  |

|           |  |      |                        |          |      |      |      |      |      |      |      |     |
|-----------|--|------|------------------------|----------|------|------|------|------|------|------|------|-----|
| 0001-4218 |  | 4.96 | 5.2"~8.7" Manual, Zoom | 10:0~1:3 | 29.8 | 39.7 | 49.6 | 59.5 | 69.5 | 79.4 | 99.2 | 132 |
|           |  | 8.30 | (132~220 mm) f:3.0     |          | 49.8 | 66.4 | 83.0 | 99.6 | 116  | 133  | 166  | 221 |

|           |  |      |                        |          |      |      |      |       |      |      |       |     |
|-----------|--|------|------------------------|----------|------|------|------|-------|------|------|-------|-----|
| 0001-4219 |  | 5.73 | 6.0"~9.0" Manual, Zoom | 10:0~1:3 | 34.4 | 45.8 | 57.3 | 68.7  | 80.2 | 91.6 | 114.5 | 153 |
|           |  | 8.59 | (150~230 mm) f:3.5     |          | 51.5 | 68.7 | 85.9 | 103.1 | 120  | 137  | 172   | 229 |

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

Specifications are subject to change without prior notice.

**How to use this chart.**

If your screen size is covered on the chart, great. If not, use the T/W column to find the lens you need. It's easy!

First, divide the Throw distance you need by the screen Width you need to get your "target T/W number"

Then, look for a lens with a T/W range that covers your target T/W number