

EIKI

LENSES FOR EK-501W

Jan. 22, 2016.

Resolution: WXGA (1280x800)
 Aspect Ratio: (10 High by 16 Wide by 18.87 Diagonal)
 Aperture:

Screen Dimensions.

| | | | | | | | | |
|-----|-----|-----|-----|------|------|------|------|------|
| H' | 1.7 | 4.4 | 5.0 | 6.2 | 7.5 | 8.8 | 10.0 | 13.3 |
| W' | 2.7 | 7.1 | 8.0 | 10.0 | 12.0 | 14.2 | 16.0 | 21.2 |
| D'' | 38 | 100 | 113 | 141 | 170 | 200 | 226 | 300 |

| Factory Specifications - Standard Lens | | | | Measurements and Calculations | | | | | | | | |
|--|-----------|-------------|--|-------------------------------|-------------------------------------|------|------|------|------|------|------|------|
| EIKI Part No. | Diagonal | Shift Range | Description | T/W | Throw (Distance to Screen) in feet. | | | | | | | |
| AH-E21010 | Min: 40" | V: +/- 70% | 0.94~1.70" Power, Zoom (24.0~43.2 mm) f:1.8~2.6 | 1.44 | 3.8 | 10.2 | 11.5 | 14.4 | 17.2 | 20.3 | 23.0 | 30.4 |
| | Max: 300" | H: +/- 30% | | 2.67 | 7.1 | 18.9 | 21.3 | 26.7 | 32.0 | 37.7 | 42.7 | 56.6 |

| Factory Specifications - Auxiliary Lenses | | | | Measurements and Calculations | | | | | | | | |
|---|-----------------------|----------------|--------------------------------|-------------------------------|-------------------------------------|-----|------|------|------|------|------|------|
| EIKI Part No. | Diagonal | Shift Range | Description | T/W | Throw (Distance to Screen) in feet. | | | | | | | |
| AH-E22010 | Min: 40" Max: 300" | V: 0% H: 0% | 0.48" Fixed (12.4 mm) f:1.8 | 0.8 | 2.1 | 5.6 | 6.40 | 8.00 | 9.60 | 11.3 | 12.8 | 16.9 |

| | | | | | | | | | | | | |
|-----------|-----------|------------|---|------|-----|------|------|------|------|------|------|------|
| AH-E22020 | Min: 40" | V: +/- 70% | 0.75~0.98" Power Zoom (19.3~24.9 mm) f:2.0~2.6 | 1.17 | 3.1 | 8.3 | 9.3 | 11.7 | 14.0 | 16.5 | 18.7 | 24.8 |
| | Max: 300" | H: +/- 30% | | 1.54 | 4.1 | 10.9 | 12.3 | 15.4 | 18.4 | 21.7 | 24.6 | 32.6 |

| | | | | | | | | | | | | |
|-----------|-----------|------------|--|------|------|------|------|------|------|------|------|------|
| AH-E23010 | Min: 40" | V: +/- 70% | 1.79~2.90" Power, Zoom (45.6~73.8 mm) f:2.2~2.8 | 2.62 | 7.0 | 18.6 | 21.0 | 26.2 | 31.5 | 37.1 | 41.9 | 55.6 |
| | Max: 300" | H: +/- 30% | | 4.45 | 11.9 | 31.5 | 35.6 | 44.5 | 53.4 | 63.0 | 71.2 | 94.4 |

| | | | | | | | | | | | | |
|-----------|-----------|------------|---|------|------|------|------|------|------|-------|-------|-------|
| AH-E23020 | Min: 40" | V: +/- 70% | 2.76~4.70" Power, Zoom (70.3~119.5 mm) f:2.2~2.8 | 4.31 | 11.5 | 30.5 | 34.5 | 43.1 | 51.7 | 61.0 | 69.0 | 91.4 |
| | Max: 300" | H: +/- 30% | | 7.35 | 19.6 | 52.0 | 58.8 | 73.5 | 88.2 | 104.0 | 117.5 | 155.7 |

These tables are a simulation. They are the result of averaging and rounding. Lens performance is actually not linear, and non-mathematical: variations in behavior do occur. **Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.**

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