

EIP-3000NA

XGA DLP PROJECTOR

EIP-3000N Resolution: XGA (1024x768)

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

Aperture: 0.439 in. wide

Screen Dimensions.

| | | | | | | | | | |
|-----------|------|----|------|------|-----|-----|-------|-----|-----|
| H' | 2 | 3 | 4 | 5 | 6 | 7.5 | 10 | 12 | 15 |
| W' | 2.66 | 4 | 5.33 | 6.67 | 8 | 10 | 13.33 | 16 | 20 |
| D" | 40 | 60 | 80 | 100 | 120 | 150 | 200 | 240 | 300 |

| EIKI P/N: Ref. | T/W | Shift (T:B) | Lens | EFL Throw (Distance to Screen) in feet. | | | | | | | | | |
|----------------|------|-------------|--|---|-----|-----|------|-------|------|------|------|------|-------|
| Standard | 1.71 | 110.6% up | 0.736"~0.847" Manual, Zoom (18.7~21.5 mm) f:2.4~2.6 | 0.75 | 4.6 | 6.9 | 9.1 | 11.43 | 13.7 | 17.1 | 22.8 | 27.4 | 34.26 |
| | 1.98 | (fixed) | | 0.87 | 5.3 | 7.9 | 10.6 | 13.23 | 15.9 | 19.8 | 26.5 | 31.7 | 39.68 |

EIP-2600

XGA DLP PROJECTOR

EIP-2600 Resolution: XGA (1024x768)

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

Aperture: 0.439 in. wide

Screen Dimensions.

| | | | | | | | | | |
|-----------|------|----|------|------|-----|-----|-------|-----|-----|
| H' | 2 | 3 | 4 | 5 | 6 | 7.5 | 10 | 12 | 15 |
| W' | 2.66 | 4 | 5.33 | 6.67 | 8 | 10 | 13.33 | 16 | 20 |
| D" | 40 | 60 | 80 | 100 | 120 | 150 | 200 | 240 | 300 |

| EIKI P/N: Ref. | T/W | Shift (T:B) | Lens | EFL Throw (Distance to Screen) in feet. | | | | | | | | | |
|----------------|------|-------------|--|---|-----|-----|------|------|------|------|------|------|------|
| Standard | 1.84 | 104.2% up | 0.803"~0.925" Manual, Zoom (20.4~23.5 mm) f:2.5~2.6 | 0.81 | 4.9 | 7.3 | 9.8 | 12.3 | 14.7 | 18.4 | 24.5 | 29.4 | 36.7 |
| | 2.12 | (fixed) | | 0.93 | 5.7 | 8.5 | 11.3 | 14.2 | 17.0 | 21.2 | 28.3 | 34.0 | - |

Notes

| | | | | | | | | | | |
|--|-----------|------|------|------|------|------|------|------|------|-------|
| Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal). | H' | 1.50 | 2.25 | 3.00 | 3.75 | 4.50 | 5.63 | 7.50 | 9.00 | 11.25 |
|--|-----------|------|------|------|------|------|------|------|------|-------|

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 number in the Shift column expresses the projector's position relative to the image height. 50% positions the projector's lens perpendicular to the center of the image (on axis). 100% up positions the projector's lens perpendicular to the bottom edge of the image. 110.6% and 104.2% up positions the projector's lens perpendicular to a point 10.6% or 4.2% of the image height respectively, below the image.

These charts are a simulation. Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations.. Calculations are from the front glass of the lens and accurate to approximately +/- 3%. Specifications are subject to change without notice.

Eiki International, Inc. Tel: 800-322-3454, Fax: 800-457-3454, E-mail: usa@eiki.comIn Canada: Tel: 800-563-3454, Fax: 800-567-4069, E-mail: canada@eiki.comWebsite: <http://www.eiki.com>