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

<table>
<thead>
<tr>
<th>H' (ft.)</th>
<th>5</th>
<th>6</th>
<th>7.5</th>
<th>9</th>
<th>10.5</th>
<th>12</th>
<th>15</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>W' (ft.)</td>
<td>6.67</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>16</td>
<td>20</td>
<td>26.7</td>
</tr>
<tr>
<td>D&quot; (in.)</td>
<td>100</td>
<td>120</td>
<td>150</td>
<td>180</td>
<td>210</td>
<td>240</td>
<td>300</td>
<td>400</td>
</tr>
</tbody>
</table>

### Resolution: XGA (1024x768)

- **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

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

<table>
<thead>
<tr>
<th>W' (ft.)</th>
<th>6.67</th>
<th>8</th>
<th>10</th>
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<td>210</td>
<td>240</td>
<td>300</td>
<td>400</td>
</tr>
</tbody>
</table>

### True Aperture: 1.048 in. wide

<table>
<thead>
<tr>
<th>D&quot; (in.)</th>
<th>100</th>
<th>120</th>
<th>150</th>
<th>180</th>
<th>210</th>
<th>240</th>
<th>300</th>
<th>400</th>
</tr>
</thead>
</table>

### EIKI Part No. Ref. T/W

#### Standard Lens, LC-X1000, LC-X1000

- **Part No.**: (645 047 2770)
- **Lens**: 1.81, 1.90~2.47" Power, Zoom
- **Shift/Limits**: 10:0~1:1
- **Distance (in feet)**: 12.1, 14.5, 18.1, 21.7, 25.3, 29, 36.2, 48.3
- **Lenses**: 2.35, 1.82, 1.91~2.48" Power, Zoom
- **Shift/Limits**: 10:0~1:1
- **Distance (in feet)**: 15.7, 18.8, 23.5, 28.2, 32.9, 37.6, 47, 62.7

#### Standard Lens, LC-X985

- **Part No.**: (645 043 7144)
- **Lens**: 2.37, 1.82, 1.91~2.48" Power, Zoom
- **Shift/Limits**: 10:0~1:1
- **Distance (in feet)**: 15.8, 18.9, 23.7, 28.4, 33.1, 37.9, 47.3, 63.1

#### Auxiliary Lenses

| AH-32011 | 1.81 | 1.90~2.47" Power, Zoom | 10:0~1:1 | 6.67, 8, 10, 12, 14, 16, 20, 26.7 |
| AH-23122 | 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 |
| AH-23132 | 1.29 | 1.35~1.90" Power, Zoom | 10:0~1:1 | 15.9, 19.1, 23.9, 28.6, 33.4, 38.2, 47.7, 63.6 |
| AH-24241 | 4.19 | 2.50~4.39" Power, Zoom | 10:0~1:1 | 27.9, 33.5, 41.9, 50.3, 58.6, 67, 83.8, 112 |
| AH-24280 | 5.82 | 4.41~6.10" Power, Zoom | 10:0~1:1 | 38.8, 46.6, 58.2, 69.9, 81.5, 93.2, 117, 155 |

### 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.

#### 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.

### 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.

### Notes:

- For 16:9, width stays the same as 4:3 (ignore the diagonal).

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

Specifications are subject to change without prior notice.

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