

EK-350U series

Throw distance Chart

Aspect Ratio 16 : 10
Unit:m

Aspect Ratio 16 : 9
Unit:m

| F value | | F1.65 - F2.25 | |
|---------------------|---------------|---------------------|----------------------|
| Focal length | | f=18.20 - 29.38mm | |
| Zoom Ratio | | 1.6 | |
| Throw ratio | | 1.09-1.78:1 | |
| Calculation formula | | $X=(Y-1.340)/41.64$ | $X=(Y-0.728)/25.789$ |
| Screen size(inch) | W x H(m) | Wide | Tele |
| 40 | 0.862 x 0.538 | 0.93 | 1.52 |
| 50 | 1.077 x 0.673 | 1.17 | 1.91 |
| 60 | 1.292 x 0.808 | 1.41 | 2.30 |
| 70 | 1.508 x 0.942 | 1.65 | 2.69 |
| 80 | 1.723 x 1.077 | 1.89 | 3.07 |
| 90 | 1.939 x 1.212 | 2.13 | 3.46 |
| 100 | 2.154 x 1.346 | 2.37 | 3.85 |
| 110 | 2.369 x 1.481 | 2.61 | 4.24 |
| 120 | 2.585 x 1.615 | 2.85 | 4.62 |
| 130 | 2.800 x 1.750 | 3.09 | 5.01 |
| 140 | 3.015 x 1.885 | 3.33 | 5.40 |
| 150 | 3.231 x 2.019 | 3.57 | 5.79 |
| 160 | 3.446 x 2.154 | 3.81 | 6.18 |
| 170 | 3.662 x 2.289 | 4.05 | 6.56 |
| 180 | 3.877 x 2.423 | 4.29 | 6.95 |
| 190 | 4.092 x 2.558 | 4.53 | 7.34 |
| 200 | 4.308 x 2.692 | 4.77 | 7.73 |
| 210 | 4.523 x 2.827 | 5.01 | 8.11 |
| 220 | 4.739 x 2.962 | 5.25 | 8.50 |
| 230 | 4.954 x 3.096 | 5.49 | 8.89 |
| 240 | 5.169 x 3.231 | 5.73 | 9.28 |
| 250 | 5.385 x 3.365 | 5.97 | 9.67 |
| 260 | 5.600 x 3.500 | 6.21 | 10.05 |
| 270 | 5.816 x 3.635 | 6.45 | 10.44 |
| 280 | 6.031 x 3.769 | 6.69 | 10.83 |
| 290 | 6.246 x 3.904 | 6.93 | 11.22 |
| 300 | 6.462 x 4.039 | 7.17 | 11.60 |

| F value | | F1.65 - F2.25 | |
|---------------------|---------------|---------------------|---------------------|
| Focal length | | f=18.20 - 29.38mm | |
| Zoom Ratio | | 1.6 | |
| Throw ratio | | 1.09-1.78:1 | |
| Calculation formula | | $X=(Y-1.304)/40.51$ | $X=(Y-0.708)/25.09$ |
| Screen size(inch) | W x H(m) | Wide | Tele |
| 40 | 0.886 x 0.498 | 0.96 | 1.57 |
| 50 | 1.107 x 0.623 | 1.20 | 1.96 |
| 60 | 1.328 x 0.747 | 1.45 | 2.36 |
| 70 | 1.550 x 0.872 | 1.70 | 2.76 |
| 80 | 1.771 x 0.996 | 1.94 | 3.16 |
| 90 | 1.992 x 1.121 | 2.19 | 3.56 |
| 100 | 2.214 x 1.245 | 2.44 | 3.96 |
| 110 | 2.435 x 1.370 | 2.68 | 4.36 |
| 120 | 2.657 x 1.494 | 2.93 | 4.75 |
| 130 | 2.878 x 1.619 | 3.18 | 5.15 |
| 140 | 3.099 x 1.743 | 3.42 | 5.55 |
| 150 | 3.321 x 1.868 | 3.67 | 5.95 |
| 160 | 3.542 x 1.992 | 3.92 | 6.35 |
| 170 | 3.763 x 2.117 | 4.16 | 6.75 |
| 180 | 3.985 x 2.241 | 4.41 | 7.15 |
| 190 | 4.206 x 2.366 | 4.66 | 7.54 |
| 200 | 4.428 x 2.491 | 4.90 | 7.94 |
| 210 | 4.649 x 2.615 | 5.15 | 8.34 |
| 220 | 4.870 x 2.740 | 5.40 | 8.74 |
| 230 | 5.092 x 2.864 | 5.65 | 9.14 |
| 240 | 5.313 x 2.989 | 5.89 | 9.54 |
| 250 | 5.535 x 3.113 | 6.14 | 9.94 |
| 260 | 5.756 x 3.238 | 6.39 | 10.33 |
| 270 | 5.977 x 3.362 | 6.63 | 10.73 |
| 280 | 6.199 x 3.487 | 6.88 | 11.13 |
| 290 | 6.420 x 3.611 | 7.13 | 11.53 |
| 300 | 6.641 x 3.736 | 7.37 | 11.93 |

*: X= projection distance (m), Y= projection size (inch)
Projection distance is from the top of the lens to the screen.
* It has possibility it has the difference of throw distance about 5% by individual difference.

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