Drawn up on Feb. 5, 2018

EK-350U Throw distance Chart

Aspect Ratio 16 : 10
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

*: 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.

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-1.304)/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.