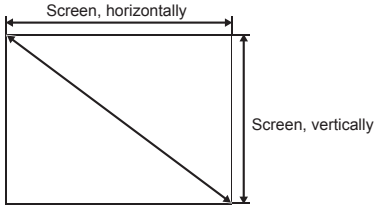
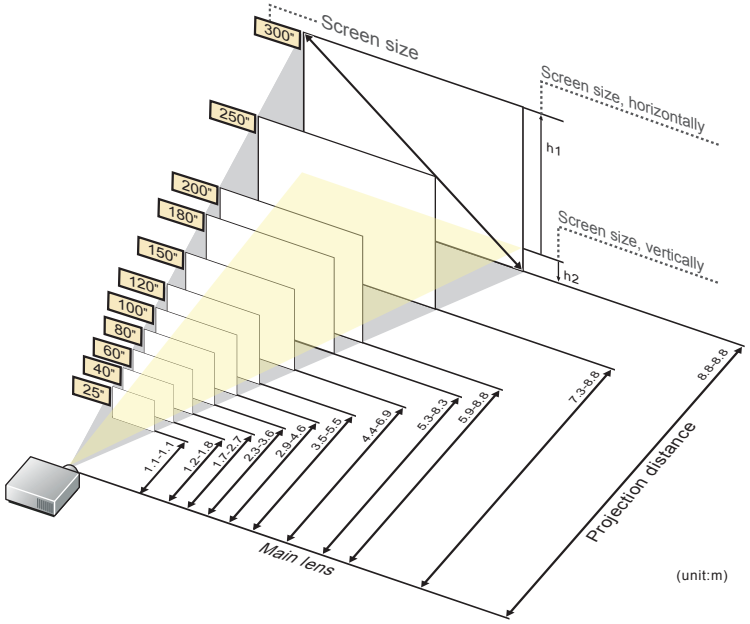
LV-7250

Throw distance ratio (throw distance: screen-size width ratio) 1.44 - 2.25 : 1

This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.

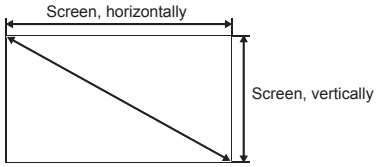


[For the 4:3 ratio]

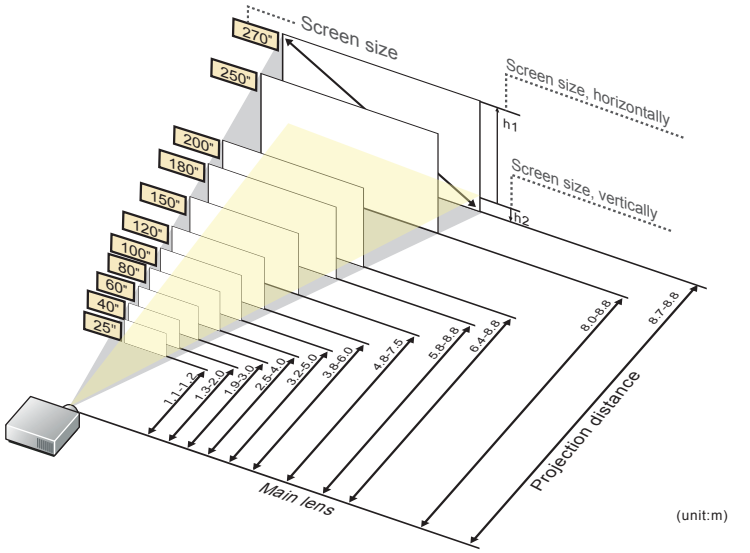


4:3

Screen size	inch		25"	30"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	m		0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
Screen size, vertically	m		0.4	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
Projection distance (Shortest to longest)	m		1.1-1.1	1.1-1.3	1.2-1.8	1.4-2.3	1.7-2.7	2.0-3.2	2.3-3.6	2.6-4.1	2.9-4.6
h1	cm		33	39	52	66	79	92	105	118	131
h2	cm		5	6	9	11	13	15	17	19	21
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"
Screen size, horizontally	m	2.2	2.4	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1
Screen size, vertically	m	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0
Projection distance (Shortest to longest)	m	3.2-5.0	3.5-5.5	3.8-6.0	4.1-6.4	4.4-6.9	4.7-7.3	5.0-7.8	5.3-8.3	5.6-8.7	5.9-8.8
h1	cm	144	157	170	183	197	210	223	236	249	262
h2	cm	23	26	28	30	32	34	36	38	41	43
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"
Screen size, horizontally	m	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1
Screen size, vertically	m	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6
Projection distance (Shortest to longest)	m	6.2-8.8	6.5-8.8	6.8-8.8	7.1-8.8	7.3-8.8	7.6-8.8	7.9-8.8	8.2-8.8	8.5-8.8	8.8-8.8
h1	cm	275	288	301	315	328	341	354	367	380	393
h2	cm	45	47	49	51	53	55	58	60	62	64



[For the 16:9 ratio]



16:9

Screen size	inch		25"	30"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	m		0.6	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
Screen size, vertically	m		0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
Projection distance (Shortest to longest)	m		1.1-1.2	1.1-1.5	1.3-2.0	1.6-2.5	1.9-3.0	2.2-3.5	2.5-4.0	2.9-4.5	3.2-5.0
h1	cm		31	37	49	61	73	85	98	110	122
h2	cm		1	1	1	1	1	2	2	2	2
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"
Screen size, horizontally	m	2.4	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2	4.4
Screen size, vertically	m	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5
Projection distance (Shortest to longest)	m	3.5-5.5	3.8-6.0	4.2-6.5	4.5-7.0	4.8-7.5	5.1-8.0	5.4-8.5	5.8-8.8	6.1-8.8	6.4-8.8
h1	cm	134	146	159	171	183	195	207	220	232	244
h2	cm	3	3	3	3	4	4	4	4	5	5
Screen size	inch	210"	220"	230"	240"	250"	260"	270"			
Screen size, horizontally	m	4.6	4.9	5.1	5.3	5.5	5.8	6.0			
Screen size, vertically	m	2.6	2.7	2.9	3.0	3.1	3.2	3.4			
Projection distance (Shortest to longest)	m	6.7-8.8	7.0-8.8	7.4-8.8	7.7-8.8	8.0-8.8	8.3-8.8	8.7-8.8			
h1	cm	256	268	281	293	305	317	329			
h2	cm	5	5	6	6	6	6	7			

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