

Projection distance table (from the front of the projector unit)

* The values on the table below are design values only. Actual distances will be within $\pm 10\%$ of those provided.

* Projection distances not provided in the table below can be obtained by the following formula.

$$\text{Projection distance} = (K1) \times \text{diagonal screen size} + (K2)$$

■ MP-WU9101B

Aspect ratio 16:10

Model					USL-901A				SL-902			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	42	1.1	26	0.7	34	0.9	42	1.1	50	1.3	75	1.9
60	51	1.3	32	0.8	41	1.0	51	1.3	60	1.5	89	2.3
70	59	1.5	37	0.9	47	1.2	59	1.5	70	1.8	104	2.6
80	68	1.7	42	1.1	54	1.4	67	1.7	80	2.0	119	3.0
90	76	1.9	48	1.2	61	1.5	75	1.9	90	2.3	134	3.4
100	85	2.2	53	1.3	67	1.7	84	2.1	100	2.5	149	3.8
120	102	2.6	64	1.6	80	2.0	100	2.5	120	3.0	179	4.5
150	127	3.2	79	2.0	100	2.5	125	3.2	150	3.8	223	5.7
200	170	4.3	106	2.7	133	3.4	166	4.2	200	5.1	298	7.6
250	212	5.4	132	3.4	167	4.2	207	5.3	250	6.4	372	9.5
300	254	6.5	159	4.0	200	5.1	248	6.3	300	7.6	446	11.3
350	297	7.5	185	4.7	233	5.9	290	7.4	350	8.9	521	13.2
400	339	8.6	212	5.4	266	6.8	331	8.4	400	10.2	595	15.1
500	424	10.8	265	6.7	332	8.4	413	10.5	501	12.7	744	18.9
600	509	12.9	318	8.1	398	10.1	496	12.6	601	15.3	893	22.7
K1					0.6622	0.0168	0.8241	0.0209	1.0016	0.0254	1.4877	0.0378
K2					1.0253	0.0260	1.1571	0.0294	-0.2032	-0.0052	0.1490	0.0038

■ **MP-WU9101B**

Aspect ratio 16:10

Model					SD-903				ML-904			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	42	1.1	26	0.7	69	1.8	104	2.7	102	2.6	156	4.0
60	51	1.3	32	0.8	83	2.1	125	3.2	123	3.1	188	4.8
70	59	1.5	37	0.9	97	2.5	146	3.7	143	3.6	219	5.6
80	68	1.7	42	1.1	111	2.8	167	4.3	164	4.2	250	6.4
90	76	1.9	48	1.2	126	3.2	188	4.8	184	4.7	282	7.2
100	85	2.2	53	1.3	140	3.5	209	5.3	205	5.2	313	7.9
120	102	2.6	64	1.6	168	4.3	251	6.4	246	6.3	376	9.5
150	127	3.2	79	2.0	210	5.3	314	8.0	308	7.8	469	11.9
200	170	4.3	106	2.7	280	7.1	419	10.6	411	10.4	626	15.9
250	212	5.4	132	3.4	350	8.9	524	13.3	514	13.1	783	19.9
300	254	6.5	159	4.0	420	10.7	629	16.0	617	15.7	939	23.9
350	297	7.5	185	4.7	490	12.4	734	18.6	720	18.3	1096	27.8
400	339	8.6	212	5.4	560	14.2	838	21.3	823	20.9	1253	31.8
500	424	10.8	265	6.7	700	17.8	1048	26.6	1029	26.1	1566	39.8
600	509	12.9	318	8.1	841	21.4	1258	31.9	1235	31.4	1879	47.7
K1					1.4022	0.0356	2.0970	0.0533	2.0594	0.0523	3.1328	0.0796
K2					-0.6917	-0.0176	-0.4340	-0.0110	-0.9330	-0.0237	-0.4400	-0.0112

■ **MP-WU9101B**

Aspect ratio 16:10

Model					LL-905				UL-906			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	42	1.1	26	0.7	147	3.7	239	6.1	241	6.1	380	9.6
60	51	1.3	32	0.8	178	4.5	288	7.3	287	7.3	454	11.5
70	59	1.5	37	0.9	208	5.3	336	8.5	333	8.5	527	13.4
80	68	1.7	42	1.1	238	6.0	385	9.8	380	9.6	601	15.3
90	76	1.9	48	1.2	268	6.8	433	11.0	426	10.8	675	17.1
100	85	2.2	53	1.3	298	7.6	482	12.2	472	12.0	749	19.0
120	102	2.6	64	1.6	359	9.1	579	14.7	565	14.3	896	22.8
150	127	3.2	79	2.0	449	11.4	724	18.4	703	17.9	1118	28.4
200	170	4.3	106	2.7	600	15.2	967	24.6	935	23.7	1487	37.8
250	212	5.4	132	3.4	751	19.1	1209	30.7	1166	29.6	1856	47.1
300	254	6.5	159	4.0	902	22.9	1452	36.9	1397	35.5	2225	56.5
350	297	7.5	185	4.7	1053	26.7	1695	43.0	1628	41.4	2594	65.9
400	339	8.6	212	5.4	1203	30.6	1937	49.2	1860	47.2	2963	75.2
500	424	10.8	265	6.7	1505	38.2	2422	61.5	2322	59.0	3701	94.0
600	509	12.9	318	8.1	1807	45.9	2908	73.9	2785	70.7	4438	112.7
K1					3.0173	0.0766	4.8517	0.1232	4.6250	0.1175	7.3794	0.1874
K2					-3.5303	-0.0897	-3.4644	-0.0880	9.7487	0.2476	10.8338	0.2752

■ **MP-WU9101B**

Aspect ratio 16:9

Model					USL-901A				SL-902			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	44	1.1	25	0.6	35	0.9	44	1.1	51	1.3	77	1.9
60	52	1.3	29	0.7	42	1.1	52	1.3	62	1.6	92	2.3
70	61	1.5	34	0.9	49	1.2	60	1.5	72	1.8	107	2.7
80	70	1.8	39	1.0	55	1.4	69	1.8	82	2.1	122	3.1
90	78	2.0	44	1.1	62	1.6	77	2.0	92	2.3	138	3.5
100	87	2.2	49	1.2	69	1.8	86	2.2	103	2.6	153	3.9
120	105	2.7	59	1.5	83	2.1	103	2.6	123	3.1	184	4.7
150	131	3.3	74	1.9	103	2.6	128	3.3	154	3.9	230	5.8
200	174	4.4	98	2.5	137	3.5	171	4.3	206	5.2	306	7.8
250	218	5.5	123	3.1	171	4.3	213	5.4	257	6.5	382	9.7
300	261	6.6	147	3.7	205	5.2	255	6.5	309	7.8	459	11.7
350	305	7.7	172	4.4	239	6.1	298	7.6	360	9.1	535	13.6
400	349	8.9	196	5.0	273	6.9	340	8.6	412	10.5	612	15.5
500	436	11.1	245	6.2	341	8.7	425	10.8	515	13.1	765	19.4
600	523	13.3	294	7.5	409	10.4	509	12.9	617	15.7	918	23.3
K1					0.6807	0.0173	0.8470	0.0215	1.0294	0.0261	1.5290	0.0388
K2					1.0253	0.0260	1.1571	0.0294	-0.2032	-0.0052	0.1490	0.0038

■ **MP-WU9101B**

Aspect ratio 16:9

Model					SD-903				ML-904			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	44	1.1	25	0.6	71	1.8	107	2.7	105	2.7	161	4.1
60	52	1.3	29	0.7	86	2.2	129	3.3	126	3.2	193	4.9
70	61	1.5	34	0.9	100	2.5	150	3.8	147	3.7	225	5.7
80	70	1.8	39	1.0	115	2.9	172	4.4	168	4.3	257	6.5
90	78	2.0	44	1.1	129	3.3	194	4.9	190	4.8	289	7.3
100	87	2.2	49	1.2	143	3.6	215	5.5	211	5.4	322	8.2
120	105	2.7	59	1.5	172	4.4	258	6.6	253	6.4	386	9.8
150	131	3.3	74	1.9	215	5.5	323	8.2	317	8.0	483	12.3
200	174	4.4	98	2.5	288	7.3	431	10.9	422	10.7	644	16.3
250	218	5.5	123	3.1	360	9.1	538	13.7	528	13.4	805	20.4
300	261	6.6	147	3.7	432	11.0	646	16.4	634	16.1	966	24.5
350	305	7.7	172	4.4	504	12.8	754	19.2	740	18.8	1127	28.6
400	349	8.9	196	5.0	576	14.6	862	21.9	846	21.5	1288	32.7
500	436	11.1	245	6.2	720	18.3	1077	27.4	1057	26.9	1610	40.9
600	523	13.3	294	7.5	864	21.9	1293	32.8	1269	32.2	1932	49.1
K1					1.4412	0.0366	2.1554	0.0547	2.1167	0.0538	3.2199	0.0818
K2					-0.6917	-0.0176	-0.4340	-0.0110	-0.9330	-0.0237	-0.4400	-0.0112

■ **MP-WU9101B**

Aspect ratio 16:9

Model					LL-905				UL-906			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	44	1.1	25	0.6	152	3.8	246	6.2	247	6.3	390	9.9
60	52	1.3	29	0.7	183	4.6	296	7.5	295	7.5	466	11.8
70	61	1.5	34	0.9	214	5.4	346	8.8	343	8.7	542	13.8
80	70	1.8	39	1.0	245	6.2	395	10.0	390	9.9	618	15.7
90	78	2.0	44	1.1	276	7.0	445	11.3	438	11.1	693	17.6
100	87	2.2	49	1.2	307	7.8	495	12.6	485	12.3	769	19.5
120	105	2.7	59	1.5	369	9.4	595	15.1	580	14.7	921	23.4
150	131	3.3	74	1.9	462	11.7	745	18.9	723	18.4	1149	29.2
200	174	4.4	98	2.5	617	15.7	994	25.2	960	24.4	1528	38.8
250	218	5.5	123	3.1	772	19.6	1243	31.6	1198	30.4	1907	48.4
300	261	6.6	147	3.7	927	23.5	1492	37.9	1436	36.5	2286	58.1
350	305	7.7	172	4.4	1082	27.5	1742	44.2	1674	42.5	2665	67.7
400	349	8.9	196	5.0	1237	31.4	1991	50.6	1911	48.5	3045	77.3
500	436	11.1	245	6.2	1547	39.3	2490	63.2	2387	60.6	3803	96.6
600	523	13.3	294	7.5	1857	47.2	2988	75.9	2862	72.7	4562	115.9
K1					3.1012	0.0788	4.9865	0.1267	4.7536	0.1207	7.5846	0.1926
K2					-3.5303	-0.0897	-3.4644	-0.0880	9.7487	0.2476	10.8338	0.2752

■ **MP-WU9101B**

Aspect ratio 4:3

Model					USL-901A				SL-902			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	40	1.0	30	0.8	39	1.0	48	1.2	56	1.4	84	2.1
60	48	1.2	36	0.9	46	1.2	57	1.5	68	1.7	101	2.6
70	56	1.4	42	1.1	54	1.4	66	1.7	79	2.0	118	3.0
80	64	1.6	48	1.2	61	1.5	76	1.9	91	2.3	135	3.4
90	72	1.8	54	1.4	68	1.7	85	2.2	102	2.6	152	3.9
100	80	2.0	60	1.5	76	1.9	94	2.4	113	2.9	169	4.3
120	96	2.4	72	1.8	91	2.3	113	2.9	136	3.5	202	5.1
150	120	3.0	90	2.3	113	2.9	141	3.6	170	4.3	253	6.4
200	160	4.1	120	3.0	151	3.8	188	4.8	227	5.8	337	8.6
250	200	5.1	150	3.8	188	4.8	234	6.0	283	7.2	421	10.7
300	240	6.1	180	4.6	226	5.7	281	7.1	340	8.6	505	12.8
350	280	7.1	210	5.3	263	6.7	328	8.3	397	10.1	590	15.0
400	320	8.1	240	6.1	301	7.6	374	9.5	453	11.5	674	17.1
500	400	10.2	300	7.6	376	9.5	468	11.9	567	14.4	842	21.4
600	480	12.2	360	9.1	451	11.5	561	14.2	680	17.3	1011	25.7
K1					0.7497	0.0190	0.9329	0.0237	1.1339	0.0288	1.6842	0.0428
K2					1.0253	0.0260	1.1571	0.0294	-0.2032	-0.0052	0.1490	0.0038

■ **MP-WU9101B**

Aspect ratio 4:3

Model					SD-903				ML-904			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
[in]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	40	1.0	30	0.8	79	2.0	118	3.0	116	2.9	177	4.5
60	48	1.2	36	0.9	95	2.4	142	3.6	139	3.5	212	5.4
70	56	1.4	42	1.1	110	2.8	166	4.2	162	4.1	248	6.3
80	64	1.6	48	1.2	126	3.2	189	4.8	186	4.7	283	7.2
90	72	1.8	54	1.4	142	3.6	213	5.4	209	5.3	319	8.1
100	80	2.0	60	1.5	158	4.0	237	6.0	232	5.9	354	9.0
120	96	2.4	72	1.8	190	4.8	284	7.2	279	7.1	425	10.8
150	120	3.0	90	2.3	237	6.0	356	9.0	349	8.9	532	13.5
200	160	4.1	120	3.0	317	8.0	474	12.0	465	11.8	709	18.0
250	200	5.1	150	3.8	396	10.1	593	15.1	582	14.8	886	22.5
300	240	6.1	180	4.6	476	12.1	712	18.1	698	17.7	1064	27.0
350	280	7.1	210	5.3	555	14.1	830	21.1	815	20.7	1241	31.5
400	320	8.1	240	6.1	634	16.1	949	24.1	932	23.7	1418	36.0
500	400	10.2	300	7.6	793	20.1	1187	30.1	1165	29.6	1773	45.0
600	480	12.2	360	9.1	952	24.2	1424	36.2	1398	35.5	2128	54.0
K1					1.5874	0.0403	2.3740	0.0603	2.3314	0.0592	3.5466	0.0901
K2					-0.6917	-0.0176	-0.4340	-0.0110	-0.9330	-0.0237	-0.4400	-0.0112

■ **MP-WU9101B**

Aspect ratio 4:3

Model					LL-905				UL-906			
Screen size												
Dia.	H		V		Min		Max		Min		Max	
	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]	[in]	[m]
50	40	1.0	30	0.8	167	4.2	271	6.9	272	6.9	429	10.9
60	48	1.2	36	0.9	201	5.1	326	8.3	324	8.2	512	13.0
70	56	1.4	42	1.1	236	6.0	381	9.7	376	9.6	596	15.1
80	64	1.6	48	1.2	270	6.9	436	11.1	429	10.9	679	17.3
90	72	1.8	54	1.4	304	7.7	491	12.5	481	12.2	763	19.4
100	80	2.0	60	1.5	338	8.6	546	13.9	533	13.5	846	21.5
120	96	2.4	72	1.8	406	10.3	656	16.7	638	16.2	1013	25.7
150	120	3.0	90	2.3	509	12.9	820	20.8	795	20.2	1264	32.1
200	160	4.1	120	3.0	680	17.3	1095	27.8	1057	26.8	1682	42.7
250	200	5.1	150	3.8	850	21.6	1370	34.8	1319	33.5	2099	53.3
300	240	6.1	180	4.6	1021	25.9	1644	41.8	1581	40.1	2517	63.9
350	280	7.1	210	5.3	1192	30.3	1919	48.7	1842	46.8	2935	74.5
400	320	8.1	240	6.1	1363	34.6	2194	55.7	2104	53.4	3352	85.2
500	400	10.2	300	7.6	1704	43.3	2743	69.7	2628	66.7	4188	106.4
600	480	12.2	360	9.1	2046	52.0	3292	83.6	3151	80.0	5023	127.6
K1					3.4158	0.0868	5.4924	0.1395	5.2359	0.1330	8.3541	0.2122
K2					-3.5303	-0.0897	-3.4644	-0.0880	9.7487	0.2476	10.8338	0.2752