

Projection distance table

* 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. (Note that the values obtained in the following calculations are approximations.)

Projection distance (A1, A2, A3, A4, A5) = (K1) x diagonal screen size + (K2)

Projection height (B1, B2) = (K1) x diagonal screen size + (K2)

■ MP-WU9101B

Aspect ratio 16:10 (Unit:[m])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[m]	[m]	[m]	[m]	[m]	[m]	[m]
100	2.2	1.3	0.817	-0.022	0.554	0.694	0.834
120	2.6	1.6	0.969	0.130	0.706	0.846	0.985
150	3.2	2.0	1.196	0.357	0.933	1.073	1.212
200	4.3	2.7	1.574	0.735	1.311	1.451	1.591
250	5.4	3.4	1.953	1.113	1.689	1.830	1.969
300	6.5	4.0	2.331	1.492	2.068	2.208	2.347
350	7.5	4.7	2.709	1.870	2.446	2.586	2.726
K1			0.0076	0.0076	0.0076	0.0076	0.0076
K2			0.0607	-0.7786	-0.2026	-0.0624	0.0771

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[m]	[m]	[m]	[m]
100	2.2	1.3	0.376	0.592
120	2.6	1.6	0.464	0.680
150	3.2	2.0	0.595	0.811
200	4.3	2.7	0.813	1.029
250	5.4	3.4	1.032	1.248
300	6.5	4.0	1.250	1.466
350	7.5	4.7	1.469	1.685
K1			0.0044	0.0044
K2			-0.0605	0.1555

■ MP-WU9101B

Aspect ratio 16:10 (Unit:[in])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]
100	85	53	32	-1	22	27	33
120	102	64	38	5	28	33	39
150	127	79	47	14	37	42	48
200	170	106	62	29	52	57	63
250	212	132	77	44	67	72	78
300	254	159	92	59	81	87	92
350	297	185	107	74	96	102	107
K1			0.2979	0.2979	0.2979	0.2979	0.2979
K2			2.3909	-30.6523	-7.9752	-2.4558	3.0367

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[in]	[in]	[in]	[in]
100	85	53	15	23
120	102	64	18	27
150	127	79	23	32
200	170	106	32	41
250	212	132	41	49
300	254	159	49	58
350	297	185	58	66
K1			0.1720	0.1720
K2			-2.3836	6.1204

■ MP-WU9101B

Aspect ratio 16:9 (Unit:[m])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[m]	[m]	[m]	[m]	[m]	[m]	[m]
100	2.2	1.2	0.839	-0.001	0.575	0.715	0.855
120	2.7	1.5	0.994	0.155	0.731	0.871	1.010
150	3.3	1.9	1.227	0.388	0.964	1.104	1.244
200	4.4	2.5	1.616	0.777	1.353	1.493	1.633
250	5.5	3.1	2.005	1.166	1.742	1.882	2.022
300	6.6	3.7	2.394	1.555	2.131	2.271	2.411
350	7.7	4.4	2.783	1.944	2.520	2.660	2.799
K1			0.0078	0.0078	0.0078	0.0078	0.0078
K2			0.0607	-0.7786	-0.2026	-0.0624	0.0771

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[m]	[m]	[m]	[m]
100	2.2	1.2	0.458	0.674
120	2.7	1.5	0.561	0.777
150	3.3	1.9	0.717	0.933
200	4.4	2.5	0.976	1.192
250	5.5	3.1	1.235	1.451
300	6.6	3.7	1.494	1.710
350	7.7	4.4	1.754	1.970
K1			0.0045	0.0052
K2			-0.0605	0.1555

■ **MP-WU9101B**

Aspect ratio 16:9 (Unit:[in])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]
100	87	49	33	0	23	28	34
120	105	59	39	6	29	34	40
150	131	74	48	15	38	43	49
200	174	98	64	31	53	59	64
250	218	123	79	46	69	74	80
300	261	147	94	61	84	89	95
350	305	172	110	77	99	105	110
K1			0.3062	0.3062	0.3062	0.3062	0.3062
K2			2.3909	-30.6523	-7.9752	-2.4558	3.0367

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[in]	[in]	[in]	[in]
100	87	49	18	27
120	105	59	22	31
150	131	74	28	37
200	174	98	38	47
250	218	123	49	57
300	261	147	59	67
350	305	172	69	78
K1			0.2041	0.2041
K2			-2.3836	6.1204

■ MP-WU9101B

Aspect ratio 4:3 (Unit:[m])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[m]	[m]	[m]	[m]	[m]	[m]	[m]
100	2.0	1.5	0.917	0.078	0.654	0.794	0.934
120	2.4	1.8	1.089	0.249	0.825	0.966	1.105
150	3.0	2.3	1.346	0.506	1.082	1.223	1.362
200	4.1	3.0	1.774	0.935	1.511	1.651	1.791
250	5.1	3.8	2.202	1.363	1.939	2.079	2.219
300	6.1	4.6	2.631	1.792	2.368	2.508	2.647
350	7.1	5.3	3.059	2.220	2.796	2.936	3.076
K1			0.0086	0.0086	0.0086	0.0086	0.0086
K2			0.0607	-0.7786	-0.2026	-0.0624	0.0771

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[m]	[m]	[m]	[m]
100	2.0	1.5	0.434	0.650
120	2.4	1.8	0.533	0.749
150	3.0	2.3	0.682	0.898
200	4.1	3.0	0.929	1.145
250	5.1	3.8	1.176	1.392
300	6.1	4.6	1.424	1.640
350	7.1	5.3	1.671	1.887
K1			0.0049	0.0049
K2			-0.0605	0.1555

■ **MP-WU9101B**

Aspect ratio 4:3 (Unit:[in])

Screen Size			Reflecting mirror surface to screen	Projector rear end to screen	Projector front end to screen	Lens projection window center to screen	Lens front end to screen
Dia.	H	V	A1	A2	A3	A4	A5
[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]
100	80	60	36	3	26	31	37
120	96	72	43	10	32	38	44
150	120	90	53	20	43	48	54
200	160	120	70	37	59	65	70
250	200	150	87	54	76	82	87
300	240	180	104	71	93	99	104
350	280	210	120	87	110	116	121
K1			0.3373	0.3373	0.3373	0.3373	0.3373
K2			2.3909	-30.6523	-7.9752	-2.4558	3.0367

Screen Size			Projector top to bottom edge of screen	Projector bottom to bottom edge of screen
Dia.	H	V	B1	B2
[in]	[in]	[in]	[in]	[in]
100	80	60	17	26
120	96	72	21	29
150	120	90	27	35
200	160	120	37	45
250	200	150	46	55
300	240	180	56	65
350	280	210	66	74
K1			0.1948	0.1948
K2			-2.3836	6.1204