

Projection Chart for 0.65” (WXGA 16:10) Diagonal Panel Projectors

Image Size 16:10			NuView Lens Catalog Number					
			MCL1625	MCL1028	MCZ275	MCZ500	MCZ087	MCZ900
			Focal Length (inches)					
			0.629"	1.0"	2.0 - 2.75"	2.75 - 5.0"	5.2 8-7"	6.0 - 9.0"
			Distance to Width Ratio (X.XX:1)					
			1.12:1	1.8:1	3.5 - 4.9:1	4.9 - 8.78:1	9.40-15.40:1	10.70 - 16.00:1
Width (feet)	Height (feet)	Diag. (inches)	Projection Distance (feet)					
3	1.87	45	3.4	5.4	10.5 - 14.7	14.7 - 26.1	28.2 - 46.2	32.1 - 48.0
4	2.5	60	4.5	7.2	14.0 - 19.6	19.6 - 34.8	37.6 - 61.6	42.8 - 64.0
5	3.3	75	5.6	9	17.5 - 24.5	24.5 - 43.5	47.0 - 77.0	53.5 - 80.0
6	3.7	90	6.7	10.8	21.0 - 29.4	29.4 - 52.2	56.4 - 92.4	64.2 - 96.0
7	4.3	105	7.8	12.2	24.5 - 34.3	34.3 - 60.9	65.8 - 107.8	74.9 - 112.0
8	5.3	120	9	14.4	28.0 - 39.2	39.2 - 69.6	75.2 - 123.2	85.6 - 128.0
9	5.6	135	10.1	16.2	31.5 - 44.0	44.1 - 78.3	84.6 - 138.6	96.3 - 144.0
10	6.6	150	11.2	18	35.0 - 49.0	49.0 - 87.0	94.0 - 154.0	107.0 - 160.0
11	6.8	165	12.3	19.8	38.5 - 53.9	53.9 - 95.7	103.4 - 169.4	117.7 - 176.0
12	7.9	180	13.4	21.6	42.0 - 58.8	58.8 - 104.4	112.8 - 184.8	128.4 - 192.0
13	8.1	195	14.6	23.4	45.5 - 63.7	63.7 - 113.1	122.2 - 200.2	139.1 - 208.0
14	8.75	210	15.7	25.2	49.0 - 68.6	68.6 - 121.8	131.6 - 215.6	149.8 - 224.0
15	9.3	225	16.8	27	52.5 - 73.5	73.5 - 130.5	141.0 - 231.0	160.5 - 240.0

Metric Chart for 0.65” (WXGA 16:10) Diagonal Panel Projectors

Image Size 16:10			NuView Lens Catalog Number					
			MCL1625	MCL1028	MCZ275	MCZ500	MCZ087	MCZ900
			Focal Length (mm)					
			16	25.4	50 - 70	70 - 125	132 - 220	150 - 230
			Distance to Width Ratio (X.XX:1)					
			1.12:1	1.80:1	3.5 - 4.9:1	4.9 - 8.78:1	9.40-15.40:1	10.70 - 16.00:1
Width (meters)	Height (meters)	Diag. (meters)	Projection Distance (meters)					
0.97	0.61	1.15	1.08	1.74	3.4 - 4.7	4.46 - 8.5	9.4 - 14.9	10.3 - 15.5
1.46	0.91	1.72	1.64	2.62	5.3 - 7.4	7.4 - 12.8	13.7 - 22.4	15.6 - 23.3
1.95	1.22	2.3	2.2	3.5	6.8 - 9.8	9.8 - 17.4	18.8 - 30.8	20.8 - 32.0
2.43	1.52	2.87	2.7	4.4	8.8 - 12.3	11.9 - 21.8	22.8 - 37.4	26.8 - 38.8
2.92	1.83	3.44	3.3	5.4	10.5 - 14.7	14.7 - 25.6	27.4 - 44.9	31.3 - 46.7
3.41	2.13	4.02	3.82	6.3	11.9 - 16.6	16.7 - 29.9	32.9 - 52.5	36.5 - 54.5
3.9	2.44	4.59	4.4	7	13.6 - 19.0	19.6 - 34.8	36.6 - 60.0	41.7 - 62.5
4.38	2.74	5.16	4.9	7.88	15.8 - 21.4	21.4 - 38.4	41.0 - 67.4	46.8 - 70.0
4.88	3.04	5.74	5.5	8.8	17.5 - 23.9	23.9 - 42.8	46.0 - 75.0	52.2 - 78.0
5.36	3.35	6.31	6	9.6	18.7 - 26.2	26.2 - 47.9	50.0 - 82.5	57.0 - 86.0
5.85	3.66	6.89	6.55	10.5	21.0 - 28.6	28.6 - 51.5	55.0 - 90.0	62.5 - 93.6