

Projection Chart for 0.7” Diagonal Panel Projectors

Image Size			NuView Lens Catalog Number					
			MCL1625	MCL1028	MCZ275	MCZ500	MCZ087	MCZ900
			Focal Length (inches)					
			0.6"	1.0"	2.0 - 2.8"	2.8 - 5.0"	5.2 8-7"	6.0 - 9.0"
			Distance to Width Ratio (X.XX:1)					
			1.12:1	1.80:1	3.50 - 4.92:1	4.90 - 8.78:1	9.40-15.40:1	10.70 - 16.00:1
Width (feet)	Height (feet)	Diag. (inches)	Projection Distance (feet)					
3'	2' 3"	45"	3' 4"	5'4"	10' 6" - 14' 9"	14' 8" - 26' 4"	28' 2" - 46' 2"	32' 1" - 48' 0"
4'	3' 0"	60"	4' 6"	7'2"	14' 0" - 19' 8"	19' 7" - 35' 1"	37' 7" - 61' 7"	42' 10" - 64' 0"
5'	3' 9"	75"	5' 7"	9'0"	17' 6" - 24' 7"	24' 6" - 43' 11"	47' 0" - 77' 0"	53' 6" - 80' 0"
6'	4' 6"	90"	6' 9"	10'8"	21' 0" - 29' 6"	29' 5" - 52' 8"	56' 5" - 92' 5"	64' 2" - 96' 0"
7'	5' 3"	105"	7' 10"	12'2"	24' 6" - 34' 5"	34' 4" - 61' 6"	65' 10" - 107' 10"	74' 11" - 112' 0"
8'	6' 0"	120"	8' 12"	14'4"	28' 0" - 39' 4"	39' 2" - 70' 3"	75' 2" - 123' 2"	85' 7" - 128' 0"
9'	6' 9"	135"	10' 1"	16'2"	31' 6" - 44' 3"	44' 1" - 79' 0"	84' 7" - 138' 7"	96' 4" - 144' 0"
10'	7' 6"	150"	11' 2"	18'0"	35' 0" - 49' 2"	49' 0" - 87' 10"	94' 0" - 154' 0"	107' 0" - 160' 0"
11'	8' 3"	165"	12' 4"	19'8"	38' 6" - 54' 1"	53' 11" - 96' 7"	103' 5" - 169' 5"	117' 8" - 176' 0"
12'	9' 0"	180"	13' 5"	21'6"	42' 0" - 59' 0"	58' 10" - 105' 4"	112' 10" - 184' 10"	128' 5" - 192' 0"
13'	9' 9"	195"	14' 7"	23'4"	45' 6" - 63' 12"	63' 8" - 114' 2"	122' 2" - 200' 2"	139' 1" - 208' 0"
14'	10' 6"	210"	15' 8"	25'2"	49' 0" - 68' 11"	68' 7" - 122' 11"	131' 7" - 215' 7"	149' 10" - 224' 0"

Metric Chart for 0.7” Diagonal Panel Projectors

Image Size			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	1.8:1	3.50 - 4.92:1	4.90 - 8.78:1	9.40-15.40:1	10.70 - 16.00:1
Width (meters)	Height (meters)	Diag. (meters)	Projection Distance (meters)					
1	0.75	1.3	1.1	1.8	3.5 - 4.9	4.9 - 8.8	9.4 - 15.4	10.7 - 16.0
1.5	1.1	1.9	1.7	2.7	5.3 - 7.4	7.4 - 13.2	14.1 - 23.1	16.1 - 24.0
2	1.5	2.5	2.2	3.6	7.0 - 9.8	9.8 - 17.6	18.8 - 30.8	21.4 - 32.0
2.5	1.87	3.1	2.8	4.5	8.8 - 12.3	12.3 - 22.0	23.5 - 38.5	26.8 - 40.0
3	2.3	3.8	3.4	5.4	10.5 - 14.8	14.7 - 26.3	28.2 - 46.2	32.1 - 48.0
3.5	2.6	4.4	3.9	6.3	12.3 - 17.2	17.2 - 30.7	32.9 - 53.9	37.5 - 56.0
4	3	5	4.5	7.2	14.0 - 19.7	19.6 - 35.1	37.6 - 61.6	42.8 - 64.0
4.5	3.38	5.6	5	8.1	15.8 - 22.1	22.1 - 39.5	42.3 - 69.3	48.2 - 72.0
5	3.75	6.3	5.6	9	17.5 - 24.6	24.5 - 43.9	47.0 - 77.0	53.5 - 80.0
5.5	4.1	6.9	6.2	9.9	19.3 - 27.1	27.0 - 48.3	51.7 - 84.7	58.9 - 88.0
6	4.5	7.5	6.7	10.8	21.0 - 29.5	29.4 - 52.7	56.4 - 92.4	64.2 - 96.0
6.5	4.9	8.1	7.3	11.7	22.8 - 32.0	31.9 - 57.1	61.1 - 100.1	69.6 - 104.0
7	5.3	8.8	7.8	12.6	24.5 - 34.4	34.3 - 61.5	65.8 - 107.8	74.9 - 112.0
7.5	5.6	9.4	8.4	13.5	26.3 - 36.9	36.8 - 65.9	70.5 - 115.5	80.3 - 120.0
8	6	10	9	14.4	28.0 - 39.4	39.2 - 70.2	75.2 - 123.2	85.6 - 128.0