

Projection Chart for 1.8” Diagonal Panel Projectors

Image Size			NuView Lens Catalog Number			
			MCZ125	MCZ537	MCZ151	MCZ183
			Focal Length (inches)			
			2.8 - 5.0"	4.5 - 7.7"	7.3 - 12.4"	10.7 - 18.3"
			Distance to Width Ratio (X.XX:1)			
			1.91 - 3.42:1	3.10 - 5.30:1	5.00 - 8.60:1	7.40 - 12.70:1
Width (feet)	Height (feet)	Diag. (inches)	Projection Distance (feet)			
3'	2' 3"	45"	5' 9" - 10' 3"	9' 4" - 15' 11"	15' 0" - 25' 10"	22' 2" - 38' 1"
4'	3' 0"	60"	7' 8" - 13' 8"	12' 5" - 21' 2"	20' 0" - 34' 5"	29' 7" - 50' 10"
5'	3' 9"	75"	9' 7" - 17' 1"	15' 6" - 26' 6"	25' 0" - 43' 0"	37' 0" - 63' 6"
6'	4' 6"	90"	11' 6" - 20' 6"	18' 7" - 31' 10"	30' 0" - 51' 7"	44' 5" - 76' 2"
7'	5' 3"	105"	13' 4" - 23' 11"	21' 8" - 37' 1"	35' 0" - 60' 2"	51' 10" - 88' 11"
8'	6' 0"	120"	15' 3" - 27' 4"	24' 10" - 42' 5"	40' 0" - 68' 10"	59' 2" - 101' 7"
9'	6' 9"	135"	17' 2" - 30' 9"	27' 11" - 47' 8"	45' 0" - 77' 5"	66' 7" - 114' 4"
10'	7' 6"	150"	19' 1" - 34' 2"	31' 0" - 53' 0"	50' 0" - 86' 0"	74' 0" - 127' 0"
11'	8' 3"	165"	21' 0" - 37' 7"	34' 1" - 58' 4"	55' 0" - 94' 7"	81' 5" - 139' 8"
12'	9' 0"	180"	22' 11" - 41' 0"	37' 2" - 63' 7"	60' 0" - 103' 2"	88' 10" - 152' 5"
13'	9' 9"	195"	24' 10" - 44' 6"	40' 4" - 68' 11"	65' 0" - 111' 10"	96' 2" - 165' 1"
14'	10' 6"	210"	26' 9" - 47' 11"	43' 5" - 74' 2"	70' 0" - 120' 5"	103' 7" - 177' 10"

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Image Size			NuView Lens Catalog Number			
			MCZ125	MCZ537	MCZ151	MCZ183
			Focal Length (mm)			
			70.0 - 125.0	114.0 - 196.0	184.0 - 314.0	272.0 - 464.0
			Distance to Width Ratio (X.XX:1)			
			1.91 - 3.42:1	3.10 - 5.30:1	5.00 - 8.60:1	7.40 - 12.70:1
Width (meters)	Height (meters)	Diag. (meters)	Projection Distance (meters)			
1	0.75	1.3	1.9 - 3.4	3.1 - 5.3	5.0 - 8.6	7.4 - 12.7
1.5	1.1	1.9	2.9 - 5.1	4.7 - 8.0	7.5 - 12.9	11.1 - 19.1
2	1.5	2.5	3.8 - 6.8	6.2 - 10.6	10.0 - 17.2	14.8 - 25.4
2.5	1.87	3.1	4.8 - 8.6	7.8 - 13.3	12.5 - 21.5	18.5 - 31.8
3	2.3	3.8	5.7 - 10.3	9.3 - 15.9	15.0 - 25.8	22.2 - 38.1
3.5	2.6	4.4	6.7 - 12.0	10.9 - 18.6	17.5 - 30.1	25.9 - 44.5
4	3	5	7.6 - 13.7	12.4 - 21.2	20.0 - 34.4	29.6 - 50.8
4.5	3.38	5.6	8.6 - 15.4	14.0 - 23.9	22.5 - 38.7	33.3 - 57.2
5	0.375	6.3	9.6 - 17.1	15.5 - 26.5	25.0 - 43.0	37.0 - 63.5