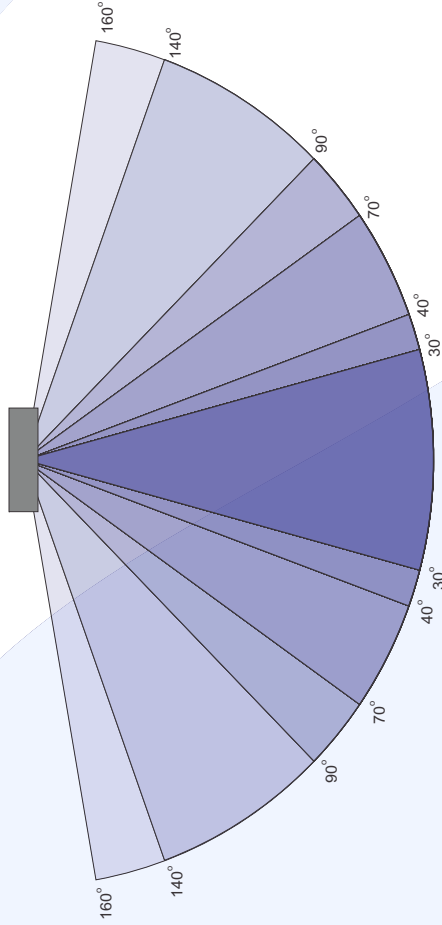


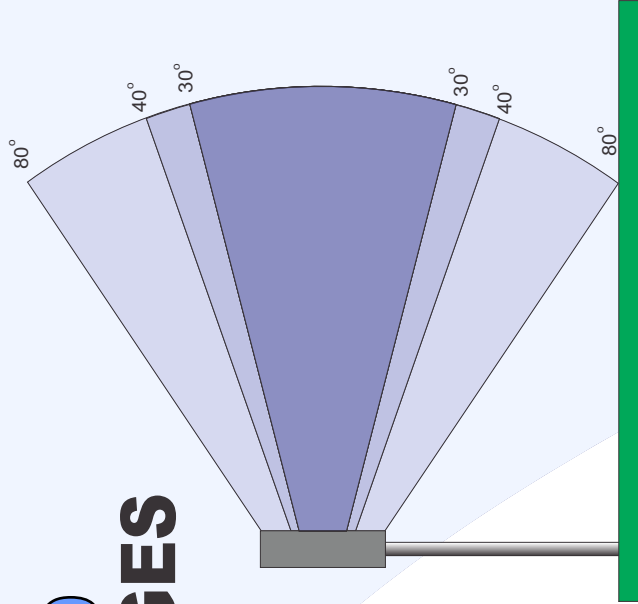


TOLL FREE:
800-527-1229

VIEWING ANGLES AND RANGES



HORIZONTAL VIEWING ANGLE



VERTICAL VIEWING ANGLE

USE THIS CHART TO DETERMINE THE BEST CHARACTER SIZE FOR YOUR APPLICATION

Character Size		Max. Viewing Distance		Maximum Viewing Time (seconds)															
		feet	meters	15 mph	20 mph	25 mph	30 mph	35 mph	40 mph	45 mph	50 mph	55 mph	60 mph	65 mph	70 mph	75 mph	80 mph	85 mph	90 mph
8	25	400	121.92	18.2	13.7	9.1	7.8	6.8	6.0	5.4	4.9	4.5	4.1	3.9	3.3	3.0	2.7	2.5	2.3
12	37.5	600	182.88	27.4	20.5	13.7	11.7	10.2	9.1	8.1	7.3	6.7	6.2	5.8	4.9	4.5	4.1	3.8	3.5
16	50	700	213.36	32.0	24.0	16.0	13.7	12.0	10.6	9.4	8.6	7.9	7.3	6.8	5.7	5.3	4.9	4.5	4.1
24	75	1200	365.76	54.8	41.1	27.4	23.5	20.5	18.2	16.2	14.7	13.5	12.5	10.7	9.9	9.1	8.3	7.5	6.8
30	95	1500	457.20	68.5	51.4	34.2	29.3	25.7	22.8	20.3	18.4	16.9	15.6	13.3	12.3	11.5	10.6	9.7	8.8
32	100	1600	487.68	73.1	54.8	36.5	31.3	27.4	24.3	21.6	19.7	18.0	16.7	14.2	13.2	12.4	11.5	10.6	9.7
36	112.5	1800	548.64	82.2	61.7	41.1	35.2	30.8	27.4	24.3	22.1	20.3	18.8	16.0	14.8	13.9	12.9	11.9	10.9
48	150	2400	731.52	109.7	82.2	54.8	47.0	41.1	36.5	32.5	29.5	27.1	25.0	21.4	19.8	18.9	17.8	16.7	15.6
72	225	3600	1097.28	164.5	123.4	82.2	70.5	61.7	54.8	48.7	44.3	40.7	37.6	32.1	29.7	28.8	27.6	26.4	25.2

SHADED AREAS REPRESENT AN ACCEPTABLE EXPOSURE TIME