

LED VIEW DISTANCES & TIME CHART

Character Size (Inches)	Max Viewing Distance (Feet)	Max Viewing Time (Seconds)				
		25 MPH	35 MPH	45 MPH	55 MPH	65 MPH
2	100	2.7	1.8	1.5	1.2	1.0
4	200	5.5	3.9	3.0	2.5	2.1
5	250	6.8	4.9	3.8	3.1	2.6
6	300	8.2	5.8	4.5	3.7	3.1
8	400	10.9	7.8	6.1	5.0	4.2
9	450	12.3	8.9	6.8	5.6	4.7
10	500	13.6	9.7	7.6	6.2	5.2
12	600	16.4	11.7	9.1	7.4	6.3
16	800	21.8	15.6	12.1	9.9	8.4
20	1,000	27.3	19.5	15.2	12.4	10.5
24	1,200	32.7	23.4	18.2	14.9	12.8
36	1,800	49.1	35.1	27.3	22.3	18.9
48	2,400	65.5	46.8	36.4	29.8	25.2
60	3,000	81.8	55.4	45.5	37.2	31.5

NOTES: LEDs emit proactive light which allow messages to be viewed from further away than the same messages viewed from non-illuminated manual letter boards. Other factors such as traffic, height of display, weather conditions, and lighting will affect the viewing times as referenced above.

4 and 6 inch text messaging display systems are ideal for traffic flow under 45 mph based on diplays mounted at average heights of no more than 12 feet above grade.

8 inch character heights and larger are ideally suited for traffic speeds over 55 mph.

The taller the sign, the larger the character height needed.