

Internally Sound

Lens Degree Reference

Lens (Degrees)	5	10	14	19	26	36	50
Distance	Circle Diameter (Feet)						
5	0.4	0.9	1.2	1.7	2.3	3.2	4.7
10	0.9	1.7	2.5	3.3	4.6	6.5	9.3
15	1.3	2.6	3.7	5.0	6.9	9.7	14.0
20	1.7	1.7	4.9	6.7	9.2	13.0	18.7
25	2.2	4.4	6.1	8.4	11.5	16.2	23.3
30	2.6	5.2	7.4	10.0	13.9	19.5	28.0
35	3.1	6.1	8.6	11.7	16.2	22.7	32.6
40	3.5	7.0	9.8	13.4	18.5	26.0	37.3
45	3.9	7.9	11.1	15.1	20.8	29.2	42.0
50	4.4	8.7	12.3	16.7	23.1	32.5	46.6
55	4.8	9.6	13.5	18.4	25.4	35.7	51.3
60	5.2	10.5	14.7	20.1	27.7	39.0	56.0
65	5.7	11.4	16.0	21.8	30.0	42.2	60.6
70	6.1	12.2	17.2	23.4	32.3	45.5	65.3
75	6.5	13.1	18.4	25.1	34.6	48.7	69.9
80	7.0	14.0	19.6	26.8	36.9	52.0	74.6
85	7.4	14.9	20.9	28.4	39.2	55.2	79.3
90	7.9	15.7	22.1	30.1	41.6	58.5	83.9
95	8.3	16.6	23.3	31.8	43.9	61.7	88.6
100	8.7	17.5	24.6	33.5	46.2	65.0	93.3
105	9.2	18.4	25.8	35.1	48.5	68.2	97.9
110	9.6	19.2	27.0	36.8	50.8	71.5	102.6
115	10.0	20.1	28.2	38.5	53.1	74.7	107.3
120	10.5	21.0	29.5	40.2	55.4	78.0	111.9
125	10.9	21.9	30.7	41.8	57.7	81.2	116.6
130	11.4	22.7	31.9	43.5	60.0	84.5	121.2
135	11.8	23.6	33.2	45.2	62.3	87.7	125.9
140	12.2	24.5	34.4	46.9	64.6	91.0	130.6
145	12.7	25.4	35.6	48.5	67.0	94.2	135.2
150	13.1	26.2	36.8	50.2	69.3	97.5	139.9