

仰角	距離 ※計算値に目線までの高さを加えることを忘れないようにする。																
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
20	1.5	1.8	2.2	2.5	2.9	3.3	3.6	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3
21	1.5	1.9	2.3	2.7	3.1	3.5	3.8	4.2	4.6	5.0	5.4	5.8	6.1	6.5	6.9	7.3	7.7
22	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1
23	1.7	2.1	2.5	3.0	3.4	3.8	4.2	4.7	5.1	5.5	5.9	6.4	6.8	7.2	7.6	8.1	8.5
24	1.8	2.2	2.7	3.1	3.6	4.0	4.5	4.9	5.3	5.8	6.2	6.7	7.1	7.6	8.0	8.5	8.9
25	1.9	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0	7.5	7.9	8.4	8.9	9.3
26	2.0	2.4	2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8
27	2.0	2.5	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.2	8.7	9.2	9.7	10.2
28	2.1	2.7	3.2	3.7	4.3	4.8	5.3	5.8	6.4	6.9	7.4	8.0	8.5	9.0	9.6	10.1	10.6
29	2.2	2.8	3.3	3.9	4.4	5.0	5.5	6.1	6.7	7.2	7.8	8.3	8.9	9.4	10.0	10.5	11.1
30	2.3	2.9	3.5	4.0	4.6	5.2	5.8	6.4	6.9	7.5	8.1	8.7	9.2	9.8	10.4	11.0	11.5
31	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6	10.2	10.8	11.4	12.0
32	2.5	3.1	3.7	4.4	5.0	5.6	6.2	6.9	7.5	8.1	8.7	9.4	10.0	10.6	11.2	11.9	12.5
33	2.6	3.2	3.9	4.5	5.2	5.8	6.5	7.1	7.8	8.4	9.1	9.7	10.4	11.0	11.7	12.3	13.0
34	2.7	3.4	4.0	4.7	5.4	6.1	6.7	7.4	8.1	8.8	9.4	10.1	10.8	11.5	12.1	12.8	13.5
35	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
36	2.9	3.6	4.4	5.1	5.8	6.5	7.3	8.0	8.7	9.4	10.2	10.9	11.6	12.4	13.1	13.8	14.5
37	3.0	3.8	4.5	5.3	6.0	6.8	7.5	8.3	9.0	9.8	10.5	11.3	12.1	12.8	13.6	14.3	15.1
38	3.1	3.9	4.7	5.5	6.3	7.0	7.8	8.6	9.4	10.2	10.9	11.7	12.5	13.3	14.1	14.8	15.6
39	3.2	4.0	4.9	5.7	6.5	7.3	8.1	8.9	9.7	10.5	11.3	12.1	13.0	13.8	14.6	15.4	16.2
40	3.4	4.2	5.0	5.9	6.7	7.6	8.4	9.2	10.1	10.9	11.7	12.6	13.4	14.3	15.1	15.9	16.8
41	3.5	4.3	5.2	6.1	7.0	7.8	8.7	9.6	10.4	11.3	12.2	13.0	13.9	14.8	15.6	16.5	17.4
42	3.6	4.5	5.4	6.3	7.2	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4	15.3	16.2	17.1	18.0
43	3.7	4.7	5.6	6.5	7.5	8.4	9.3	10.3	11.2	12.1	13.1	14.0	14.9	15.9	16.8	17.7	18.7
44	3.9	4.8	5.8	6.8	7.7	8.7	9.7	10.6	11.6	12.6	13.5	14.5	15.5	16.4	17.4	18.3	19.3
45	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
46	4.1	5.2	6.2	7.2	8.3	9.3	10.4	11.4	12.4	13.5	14.5	15.5	16.6	17.6	18.6	19.7	20.7
47	4.3	5.4	6.4	7.5	8.6	9.7	10.7	11.8	12.9	13.9	15.0	16.1	17.2	18.2	19.3	20.4	21.4
48	4.4	5.6	6.7	7.8	8.9	10.0	11.1	12.2	13.3	14.4	15.5	16.7	17.8	18.9	20.0	21.1	22.2
49	4.6	5.8	6.9	8.1	9.2	10.4	11.5	12.7	13.8	15.0	16.1	17.3	18.4	19.6	20.7	21.9	23.0
50	4.8	6.0	7.2	8.3	9.5	10.7	11.9	13.1	14.3	15.5	16.7	17.9	19.1	20.3	21.5	22.6	23.8
51	4.9	6.2	7.4	8.6	9.9	11.1	12.3	13.6	14.8	16.1	17.3	18.5	19.8	21.0	22.2	23.5	24.7
52	5.1	6.4	7.7	9.0	10.2	11.5	12.8	14.1	15.4	16.6	17.9	19.2	20.5	21.8	23.0	24.3	25.6
53	5.3	6.6	8.0	9.3	10.6	11.9	13.3	14.6	15.9	17.3	18.6	19.9	21.2	22.6	23.9	25.2	26.5
54	5.5	6.9	8.3	9.6	11.0	12.4	13.8	15.1	16.5	17.9	19.3	20.6	22.0	23.4	24.8	26.2	27.5
55	5.7	7.1	8.6	10.0	11.4	12.9	14.3	15.7	17.1	18.6	20.0	21.4	22.9	24.3	25.7	27.1	28.6
56	5.9	7.4	8.9	10.4	11.9	13.3	14.8	16.3	17.8	19.3	20.8	22.2	23.7	25.2	26.7	28.2	29.7
57	6.2	7.7	9.2	10.8	12.3	13.9	15.4	16.9	18.5	20.0	21.6	23.1	24.6	26.2	27.7	29.3	30.8
58	6.4	8.0	9.6	11.2	12.8	14.4	16.0	17.6	19.2	20.8	22.4	24.0	25.6	27.2	28.8	30.4	32.0
59	6.7	8.3	10.0	11.6	13.3	15.0	16.6	18.3	20.0	21.6	23.3	25.0	26.6	28.3	30.0	31.6	33.3
60	6.9	8.7	10.4	12.1	13.9	15.6	17.3	19.1	20.8	22.5	24.2	26.0	27.7	29.4	31.2	32.9	34.6
61	7.2	9.0	10.8	12.6	14.4	16.2	18.0	19.8	21.6	23.5	25.3	27.1	28.9	30.7	32.5	34.3	36.1
62	7.5	9.4	11.3	13.2	15.0	16.9	18.8	20.7	22.6	24.4	26.3	28.2	30.1	32.0	33.9	35.7	37.6
63	7.9	9.8	11.8	13.7	15.7	17.7	19.6	21.6	23.6	25.5	27.5	29.4	31.4	33.4	35.3	37.3	39.3
64	8.2	10.3	12.3	14.4	16.4	18.5	20.5	22.6	24.6	26.7	28.7	30.8	32.8	34.9	36.9	39.0	41.0
65	8.6	10.7	12.9	15.0	17.2	19.3	21.4	23.6	25.7	27.9	30.0	32.2	34.3	36.5	38.6	40.7	42.9
66	9.0	11.2	13.5	15.7	18.0	20.2	22.5	24.7	27.0	29.2	31.4	33.7	35.9	38.2	40.4	42.7	44.9
67	9.4	11.8	14.1	16.5	18.8	21.2	23.6	25.9	28.3	30.6	33.0	35.3	37.7	40.0	42.4	44.8	47.1
68	9.9	12.4	14.9	17.3	19.8	22.3	24.8	27.2	29.7	32.2	34.7	37.1	39.6	42.1	44.6	47.0	49.5
69	10.4	13.0	15.6	18.2	20.8	23.4	26.1	28.7	31.3	33.9	36.5	39.1	41.7	44.3	46.9	49.5	52.1
70	11.0	13.7	16.5	19.2	22.0	24.7	27.5	30.2	33.0	35.7	38.5	41.2	44.0	46.7	49.5	52.2	54.9