

[illegible]

93	25.0	24.8	27.8	29.5	30.2	30.5	30.6	29.3	26.2	24.5	25.1	29.0	30.5	31.9	30.0	29.7	28.0	25.0	24.9
96	24.1	24.1	27.9	29.7	30.8	30.2	30.8	28.6	25.9	24.8	25.4	27.1	30.1	31.6	30.5	28.2	27.8	24.7	24.8
99	23.6	24.3	27.1	28.5	29.9	30.4	29.4	28.3	25.7	24.6	24.7	28.1	30.3	31.2	30.1	28.6	27.6	25.0	24.2
102	23.4	23.6	26.4	28.7	29.7	30.1	28.2	27.5	25.6	23.6	25.2	27.1	28.8	30.2	28.9	28.0	26.6	24.5	24.8
105	22.0	23.6	25.6	28.1	29.6	29.2	29.4	26.8	24.7	22.3	24.5	26.6	28.7	29.6	29.2	27.8	26.1	23.6	23.8
108	21.9	24.6	26.3	27.9	28.8	29.5	28.7	26.7	24.6	22.7	24.9	27.0	28.9	29.2	28.2	28.2	25.7	22.8	23.2
111	20.7	23.6	25.6	27.1	27.9	28.2	27.3	25.1	24.0	22.8	24.3	25.7	27.8	28.0	27.3	27.0	24.7	23.2	22.9
114	21.5	23.0	24.4	26.3	27.6	27.0	26.6	24.8	23.7	22.5	22.8	25.6	27.3	28.1	27.3	25.9	24.4	23.0	23.5
117	21.2	22.2	23.9	26.0	27.2	27.5	26.3	23.3	22.4	21.9	22.6	24.3	25.5	27.0	27.1	25.5	23.0	21.6	22.1
120	19.8	21.1	22.7	25.5	26.5	26.6	25.6	24.5	22.4	20.9	22.4	23.2	25.3	27.1	26.0	25.2	22.2	21.0	21.4
123	19.0	20.6	23.3	24.3	24.6	24.6	25.1	23.8	20.9	20.9	22.0	23.4	23.4	25.4	25.2	24.4	22.1	20.3	20.1
126	18.0	19.5	21.9	22.6	23.5	24.0	23.4	22.4	20.5	19.8	20.6	21.9	23.1	23.9	24.8	24.2	21.6	18.4	19.4
129	17.9	18.8	20.2	22.8	24.2	24.2	23.1	21.7	19.5	19.3	19.7	21.3	21.4	23.2	24.5	22.6	20.6	18.0	18.9
132	17.1	18.5	20.2	21.6	23.1	21.9	20.8	19.9	19.1	17.4	18.9	20.9	21.0	22.6	23.0	21.7	19.6	17.9	17.9
135	16.3	18.2	19.0	20.1	21.1	21.7	21.0	19.9	18.5	16.4	19.0	19.1	20.2	20.6	21.3	21.3	19.5	16.8	16.5
138	15.8	17.0	18.1	20.0	20.2	19.3	19.4	18.8	17.6	16.5	17.0	18.4	19.7	19.3	20.0	19.7	18.2	17.2	16.2
141	15.0	16.5	16.7	17.9	19.4	19.6	18.9	16.8	16.9	15.8	16.0	17.4	18.4	18.5	18.6	18.8	17.2	16.0	15.5
144	14.0	14.7	17.1	16.9	17.0	17.6	17.6	16.4	14.9	14.5	15.4	16.7	17.6	17.1	17.2	16.9	16.2	14.3	13.6
147	12.7	13.3	14.9	16.3	17.2	16.8	16.3	15.1	14.0	13.5	14.5	15.4	15.8	16.1	15.7	15.4	14.9	13.2	13.5
150	11.8	12.6	14.0	14.4	15.4	15.1	15.2	13.9	13.9	12.6	13.1	14.3	14.7	14.8	14.3	14.3	14.0	12.3	12.1
153	11.0	11.9	13.3	13.4	13.7	14.3	13.8	13.6	12.3	11.8	12.3	12.6	13.4	13.9	13.4	13.6	12.2	11.5	11.3
156	10.0	10.4	11.5	12.6	12.7	12.5	12.9	11.8	11.5	11.1	10.7	11.6	11.7	12.4	12.2	11.7	11.1	9.6	9.7
159	9.5	9.9	10.2	11.3	10.9	11.3	11.0	11.1	10.0	9.5	9.9	10.3	10.6	10.9	10.7	9.9	10.0	9.0	8.7
162	7.9	8.4	9.1	9.8	10.0	9.9	10.2	9.5	8.9	8.7	8.5	9.3	9.4	9.6	9.1	9.1	9.0	7.7	7.7
165	6.8	7.6	8.2	8.5	8.8	9.0	8.9	8.7	7.8	7.1	7.3	8.2	7.6	8.1	8.0	8.2	7.0	6.9	6.8
168	6.1	6.8	6.8	7.2	7.3	7.6	7.5	6.8	6.4	6.2	6.7	6.6	6.7	6.6	6.8	6.8	6.4	5.9	5.6
171	5.0	5.2	5.7	6.0	5.9	5.9	5.9	5.4	5.3	5.4	5.3	5.6	5.7	5.7	5.5	5.7	5.2	5.0	4.9
174	4.3	4.6	4.6	4.5	4.9	5.1	4.9	4.7	4.5	4.3	4.1	4.2	4.2	4.2	4.1	4.1	4.1	4.0	3.7
177	3.2	3.3	3.6	3.7	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	3.0	3.1	3.2	3.0	2.9	2.7	2.7

180	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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Table 2a. Luminous intensity values, azimuth 0-180°

	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350
0	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5
3	199.6	199.1	198.9	198.6	199.5	201.2	203.0	205.1	206.0	205.7	204.7	204.6	205.6	206.8	207.0	207.5	206.2
6	199.5	202.8	200.9	198.6	200.4	200.9	200.2	201.2	202.1	200.3	198.0	198.7	201.7	202.2	202.6	203.0	200.5
9	199.8	204.9	202.6	201.0	202.8	203.2	203.1	201.8	204.6	203.2	203.4	203.1	200.8	204.0	200.9	199.5	201.5
12	200.5	204.2	201.9	202.2	204.7	202.3	204.9	204.9	203.5	203.5	202.2	204.7	198.6	202.1	206.0	197.1	196.5
15	201.7	201.1	199.7	204.6	202.8	195.1	197.6	197.2	198.3	201.7	201.4	205.2	199.7	195.3	201.0	201.2	197.0
18	197.2	198.9	199.4	202.9	198.1	200.9	201.5	197.7	197.7	195.9	198.8	200.1	202.2	193.8	193.3	195.7	192.6
21	192.1	194.4	192.4	196.3	199.0	197.7	199.8	197.6	199.0	199.5	198.6	192.0	195.8	196.8	196.1	193.2	191.0
24	192.9	193.2	195.7	197.5	196.3	196.3	189.6	195.1	191.7	194.0	197.5	193.3	191.5	192.6	186.7	185.3	185.5
27	193.5	184.7	195.0	191.8	193.5	191.7	185.2	189.1	191.9	189.7	192.7	190.8	188.8	184.9	186.5	185.6	190.0
30	184.3	184.8	187.3	189.5	183.3	185.1	191.7	184.5	184.4	182.7	183.9	187.4	183.5	185.8	183.8	183.5	178.4
33	183.4	178.4	181.1	184.0	180.5	181.9	185.6	182.9	181.0	184.6	184.6	178.5	181.4	179.5	174.5	182.1	178.9
36	174.5	176.1	178.2	176.1	180.6	178.6	176.0	175.4	173.9	172.8	177.7	174.4	175.6	177.4	175.2	174.6	174.4
39	169.0	172.7	172.4	174.7	171.5	172.0	172.2	169.2	169.0	169.8	170.3	172.9	166.5	164.3	169.3	169.0	168.4
42	163.5	170.9	164.3	163.4	168.1	167.5	163.7	165.3	164.3	167.8	163.4	161.4	166.2	163.9	163.6	163.2	163.5
45	158.0	162.8	161.7	161.5	162.6	161.9	160.4	156.9	152.9	158.9	158.5	156.9	159.1	156.0	158.7	159.0	152.1
48	147.3	156.7	154.0	153.3	156.0	152.7	150.4	152.4	151.0	150.5	149.6	146.5	153.6	153.3	152.5	153.3	147.8
51	145.2	143.6	148.9	151.3	146.0	143.7	144.8	144.9	144.0	144.3	146.8	142.6	145.1	142.3	147.6	142.1	141.6
54	135.2	139.7	139.7	142.1	141.8	144.2	139.6	138.7	139.3	139.2	139.6	137.7	138.5	136.5	141.5	139.7	132.6
57	125.1	131.5	132.5	134.8	135.7	131.0	132.0	126.5	132.6	129.8	128.6	130.0	128.8	130.7	127.1	130.0	128.3
60	119.7	120.4	124.7	129.0	125.9	126.6	127.5	121.7	122.6	123.0	122.2	127.3	121.9	123.7	122.1	119.5	121.2
63	107.7	115.0	116.4	111.8	119.5	117.0	117.0	111.8	116.1	111.5	115.1	114.0	119.9	117.1	114.7	112.9	107.6
66	100.2	108.1	109.6	109.6	107.6	109.7	109.7	104.1	99.3	107.0	100.7	107.2	106.4	106.5	107.6	107.3	99.3
69	94.5	95.5	96.5	98.2	97.8	95.8	101.1	96.0	94.4	92.1	98.4	95.3	100.3	98.4	97.3	94.2	87.8

72	84.6	84.5	88.3	89.2	91.3	89.1	88.5	90.2	85.3	84.6	85.9	85.8	89.6	86.6	87.1	84.1	85.9
75	73.2	80.1	82.0	80.6	82.0	78.8	80.2	76.0	73.9	74.7	77.8	80.1	82.3	80.0	82.4	76.2	71.5
78	62.7	70.4	71.5	70.5	73.8	69.9	70.4	67.9	64.9	64.1	69.1	69.4	69.5	69.0	69.2	68.2	64.8
81	54.3	59.3	62.6	61.4	61.8	61.9	62.8	56.0	56.9	58.0	60.4	58.4	60.2	59.9	60.4	59.6	54.3
84	47.1	49.7	49.6	52.9	51.4	51.0	51.5	48.4	46.5	47.5	51.3	51.0	49.5	50.3	49.8	46.5	44.6
87	36.9	38.7	41.9	43.4	42.7	45.0	40.9	39.9	38.5	39.6	38.3	39.0	45.9	41.5	39.1	39.4	36.2
90	29.7	32.6	34.0	34.7	37.2	36.0	33.6	32.2	30.8	29.7	30.8	33.2	33.9	33.1	32.5	29.3	29.0
93	26.7	28.4	30.5	29.7	29.5	29.2	28.4	25.7	25.2	25.4	27.4	28.7	29.6	30.9	29.3	26.8	24.7
96	26.7	27.4	29.7	30.6	29.3	28.2	27.0	24.1	24.4	24.0	26.3	28.2	29.3	29.4	29.9	27.3	24.1
99	25.5	26.7	28.7	29.1	28.7	26.8	25.5	23.1	23.7	23.0	25.1	26.3	28.8	29.4	28.3	26.4	25.0
102	25.3	26.3	27.3	28.4	28.3	26.2	25.9	22.6	22.9	22.2	24.3	26.2	27.5	28.0	27.9	25.7	24.3
105	25.1	26.8	27.5	27.8	26.9	26.3	24.7	22.5	23.3	22.7	25.2	26.4	26.4	27.3	28.3	25.3	23.4
108	24.2	25.9	27.3	27.5	27.5	26.0	24.7	23.5	22.6	22.8	25.5	25.9	26.0	27.6	27.5	26.2	23.1
111	23.9	25.1	26.9	26.4	25.9	25.2	24.2	23.4	20.4	22.2	24.7	25.2	26.1	26.6	26.5	24.5	22.6
114	23.5	24.3	25.0	25.2	25.1	25.6	24.3	22.9	21.1	22.1	24.0	24.1	25.5	25.9	25.9	24.1	22.3
117	23.0	24.1	24.5	25.6	25.2	24.0	23.3	21.3	19.8	23.0	23.1	23.1	24.4	24.2	23.6	23.3	21.9
120	22.1	22.1	22.4	23.1	23.9	23.4	22.0	21.4	19.7	21.6	22.1	23.4	23.9	22.8	22.9	22.2	21.5
123	21.3	21.8	23.1	23.7	23.8	23.2	21.5	20.6	19.5	20.5	21.7	21.8	22.8	22.8	22.7	21.9	20.0
126	19.7	21.3	22.5	22.2	22.7	21.8	20.3	19.7	19.0	19.6	20.4	21.5	22.0	21.9	22.0	22.0	19.4
129	19.0	21.1	21.9	21.8	22.0	20.3	19.3	18.8	18.5	18.5	20.7	21.4	22.1	21.9	21.1	20.1	20.1
132	18.8	20.2	20.2	21.3	20.6	19.7	18.7	17.9	17.3	18.2	18.8	19.7	21.3	21.6	20.2	19.3	17.6
135	17.8	19.5	19.2	20.1	20.3	18.4	18.5	17.7	16.3	18.3	18.3	19.2	19.0	20.2	18.9	19.8	18.1
138	17.2	18.0	18.4	19.5	18.8	18.3	18.0	16.3	16.1	17.1	17.1	18.4	18.9	19.2	19.3	17.4	16.4
141	16.1	17.2	17.5	18.4	17.9	17.0	17.0	14.8	15.2	16.0	16.6	17.7	17.8	17.8	17.8	17.7	15.4
144	15.1	15.6	16.5	16.8	16.5	16.1	15.8	14.6	14.3	14.5	16.1	16.5	17.2	16.4	16.7	15.8	15.0
147	13.6	14.7	15.8	15.7	15.7	15.5	14.5	13.2	13.1	13.9	15.0	16.1	15.1	15.7	15.5	14.7	13.7

150	13.1	13.5	15.1	14.2	14.6	14.2	13.4	12.6	11.8	13.3	13.6	14.3	14.9	15.5	13.9	14.4	12.9
153	12.1	12.7	13.6	13.1	13.8	12.5	12.0	11.3	11.4	12.0	12.5	13.4	13.7	13.3	13.9	12.8	11.6
156	10.8	11.0	12.3	11.8	12.2	11.4	11.2	10.3	10.2	10.9	12.0	11.8	12.6	12.7	11.9	11.4	10.5
159	9.1	10.2	10.5	10.4	10.7	10.2	10.0	8.8	9.4	9.8	10.5	10.8	11.3	11.0	11.1	10.1	9.4
162	8.4	9.1	9.6	9.4	9.6	9.0	9.0	8.5	8.1	8.5	9.2	9.7	10.4	10.1	9.4	9.3	8.1
165	7.4	7.7	7.8	8.5	8.2	7.8	7.7	7.6	7.5	7.4	8.1	8.4	8.6	8.8	8.3	8.2	7.3
168	6.1	6.4	6.4	6.8	6.8	7.1	6.4	6.3	6.5	6.9	6.8	7.1	7.5	7.3	7.1	6.8	6.5
171	5.0	5.0	5.5	5.7	5.5	5.5	5.2	5.1	5.0	5.3	5.7	6.2	6.0	6.1	5.9	5.2	5.1
174	3.7	3.9	3.9	3.9	4.1	4.2	4.2	4.2	4.4	4.6	4.8	4.9	4.7	4.4	4.5	4.4	4.3
177	2.7	2.8	2.8	2.9	3.0	3.0	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.2
180	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Table 2b. Luminous intensity values, azimuth 190-350°