LumCAT: SM23781
Luminaire: SM23781

Report No:	Voltage(V): 119.98
Test No:	Current(A): 0.0379
LampCAT:	Power (W): 4.4240
Lamp flux(lm): -1.0	PF: 0.9734
Number of Lamps: 1	Ballast type:
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 27.45
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 6.20
Central intensity(cd): 34.324
Maximum intensity(cd): 37.054
Angle of maximum intensity: C=60.0 γ=2.0
Beam Angle(50%Imax): [C0/180]Total=44.5
[C90/270]Total=60.1
Field angle(10%Imax): [C0/180]Total=108.9
[C90/270]Total=123.1
Maximum s/h(1/2): C0_180=0.81 C90_270=0.45
Maximum s/h(1/4): C0_180=0.77 C90_270=0.89
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 0.00%
Up flux rate of LUM(%): 1.26%
Down flux rate of LUM(%): 98.74%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 92.742%

SM23781

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
0.0	33.056	.000	.000	.000%	.000%	.000%
1.0	32.325	.031	.031	.000%	.000%	.114%
2.0	31.894	.092	.123	.000%	.000%	.450%
3.0	31.553	.152	.275	.000%	.000%	1.003%
4.0	31.122	.210	.485	.000%	.000%	1.767%
5.0	29.838	.262	.747	.000%	.000%	2.723%
6.0	28.221	.305	1.052	.000%	.000%	3.834%
7.0	27.977	.349	1.401	.000%	.000%	5.105%
8.0	26.409	.389	1.790	.000%	.000%	6.523%
9.0	24.946	.416	2.207	.000%	.000%	8.040%
10.0	23.516	.439	2.645	.000%	.000%	9.638%
11.0	22.111	.456	3.101	.000%	.000%	11.299%
12.0	20.997	.471	3.572	.000%	.000%	13.016%
13.0	20.063	.487	4.060	.000%	.000%	14.791%
14.0	19.527	.507	4.566	.000%	.000%	16.638%
15.0	18.649	.524	5.090	.000%	.000%	18.547%
16.0	17.836	.535	5.625	.000%	.000%	20.495%
17.0	17.446	.549	6.174	.000%	.000%	22.497%
18.0	16.951	.567	6.742	.000%	.000%	24.563%
19.0	16.504	.582	7.324	.000%	.000%	26.684%
20.0	16.171	.598	7.922	.000%	.000%	28.863%
21.0	16.821	.633	8.555	.000%	.000%	31.171%
22.0	17.276	.685	9.240	.000%	.000%	33.667%
23.0	17.227	.724	9.964	.000%	.000%	36.305%
24.0	16.569	.739	10.703	.000%	.000%	38.997%
25.0	15.870	.738	11.441	.000%	.000%	41.685%
26.0	15.447	.739	12.180	.000%	.000%	44.378%
27.0	14.692	.737	12.917	.000%	.000%	47.065%
28.0	14.082	.728	13.646	.000%	.000%	49.719%
29.0	13.521	.722	14.368	.000%	.000%	52.350%
30.0	12.246	.696	15.064	.000%	.000%	54.885%
31.0	10.889	.644	15.708	.000%	.000%	57.231%
32.0	9.182	.575	16.283	.000%	.000%	59.326%
33.0	8.167	.511	16.794	.000%	.000%	61.188%
34.0	7.703	.480	17.274	.000%	.000%	62.938%
35.0	7.533	.473	17.747	.000%	.000%	64.662%
36.0	7.362	.474	18.221	.000%	.000%	66.390%
37.0	7.248	.477	18.698	.000%	.000%	68.126%

SM23781

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
38.0	7.135	.480	19.178	.000%	.000%	69.875%
39.0	6.931	.480	19.658	.000%	.000%	71.625%
40.0	6.744	.477	20.135	.000%	.000%	73.362%
41.0	6.411	.468	20.604	.000%	.000%	75.069%
42.0	5.916	.448	21.051	.000%	.000%	76.701%
43.0	5.428	.420	21.472	.000%	.000%	78.232%
44.0	4.884	.389	21.861	.000%	.000%	79.650%
45.0	4.396	.357	22.217	.000%	.000%	80.949%
46.0	4.169	.335	22.552	.000%	.000%	82.170%
47.0	3.665	.312	22.864	.000%	.000%	83.305%
48.0	3.388	.285	23.149	.000%	.000%	84.344%
49.0	3.047	.264	23.413	.000%	.000%	85.307%
50.0	2.722	.241	23.654	.000%	.000%	86.183%
51.0	2.348	.215	23.868	.000%	.000%	86.965%
52.0	2.031	.188	24.056	.000%	.000%	87.650%
53.0	1.804	.167	24.223	.000%	.000%	88.258%
54.0	1.674	.153	24.376	.000%	.000%	88.816%
55.0	1.641	.148	24.524	.000%	.000%	89.355%
56.0	1.747	.153	24.678	.000%	.000%	89.913%
57.0	1.958	.169	24.847	.000%	.000%	90.530%
58.0	1.958	.181	25.028	.000%	.000%	91.190%
59.0	2.324	.200	25.228	.000%	.000%	91.920%
60.0	2.454	.226	25.454	.000%	.000%	92.742%
61.0	2.673	.245	25.699	.000%	.000%	93.634%
62.0	2.803	.264	25.963	.000%	.000%	94.595%
63.0	2.738	.270	26.232	.000%	.000%	95.577%
64.0	2.535	.259	26.491	.000%	.000%	96.520%
65.0	1.503	.200	26.691	.000%	.000%	97.248%
66.0	.934	.122	26.812	.000%	.000%	97.692%
67.0	.585	.076	26.889	.000%	.000%	97.970%
68.0	.414	.051	26.939	.000%	.000%	98.154%
69.0	.358	.039	26.979	.000%	.000%	98.298%
70.0	.358	.037	27.016	.000%	.000%	98.432%
71.0	.268	.032	27.048	.000%	.000%	98.550%
72.0	.187	.024	27.072	.000%	.000%	98.636%
73.0	.106	.015	27.087	.000%	.000%	98.692%
74.0	.049	.008	27.095	.000%	.000%	98.721%
75.0	.016	.003	27.098	.000%	.000%	98.734%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
76.0	.000	.001	27.099	.000%	.000%	98.737%
77.0	.000	.000	27.099	.000%	.000%	98.737%
78.0	.000	.000	27.099	.000%	.000%	98.737%
79.0	.000	.000	27.099	.000%	.000%	98.737%
80.0	.000	.000	27.099	.000%	.000%	98.737%
81.0	.000	.000	27.099	.000%	.000%	98.737%
82.0	.000	.000	27.099	.000%	.000%	98.737%
83.0	.000	.000	27.099	.000%	.000%	98.737%
84.0	.000	.000	27.099	.000%	.000%	98.737%
85.0	.000	.000	27.099	.000%	.000%	98.737%
86.0	.000	.000	27.099	.000%	.000%	98.737%
87.0	.000	.000	27.099	.000%	.000%	98.737%
88.0	.000	.000	27.099	.000%	.000%	98.737%
89.0	.000	.000	27.099	.000%	.000%	98.737%
90.0	.000	.000	27.099	.000%	.000%	98.737%
91.0	.000	.000	27.099	.000%	.000%	98.737%
92.0	.000	.000	27.099	.000%	.000%	98.737%
93.0	.000	.000	27.099	.000%	.000%	98.737%
94.0	.000	.000	27.099	.000%	.000%	98.737%
95.0	.000	.000	27.099	.000%	.000%	98.737%
96.0	.000	.000	27.099	.000%	.000%	98.737%
97.0	.000	.000	27.099	.000%	.000%	98.737%
98.0	.000	.000	27.099	.000%	.000%	98.737%
99.0	.000	.000	27.099	.000%	.000%	98.737%
100.0	.000	.000	27.099	.000%	.000%	98.737%
101.0	.016	.001	27.100	.000%	.000%	98.740%
102.0	.041	.003	27.103	.000%	.000%	98.751%
103.0	.122	.009	27.112	.000%	.000%	98.783%
104.0	.163	.015	27.127	.000%	.000%	98.838%
105.0	.252	.022	27.149	.000%	.000%	98.918%
106.0	.309	.030	27.179	.000%	.000%	99.026%
107.0	.333	.034	27.212	.000%	.000%	99.149%
108.0	.349	.036	27.248	.000%	.000%	99.279%
109.0	.374	.038	27.286	.000%	.000%	99.416%
110.0	.390	.039	27.325	.000%	.000%	99.560%
111.0	.341	.038	27.363	.000%	.000%	99.697%
112.0	.333	.034	27.397	.000%	.000%	99.822%
113.0	.228	.028	27.426	.000%	.000%	99.926%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
114.0	.073	.015	27.441	.000%	.000%	99.981%
115.0	.008	.004	27.445	.000%	.000%	99.996%
116.0	.008	.001	27.446	.000%	.000%	99.998%
117.0	.000	.000	27.446	.000%	.000%	100.000%
118.0	.000	.000	27.446	.000%	.000%	100.000%
119.0	.000	.000	27.446	.000%	.000%	100.000%
120.0	.000	.000	27.446	.000%	.000%	100.000%
121.0	.000	.000	27.446	.000%	.000%	100.000%
122.0	.000	.000	27.446	.000%	.000%	100.000%
123.0	.000	.000	27.446	.000%	.000%	100.000%
124.0	.000	.000	27.446	.000%	.000%	100.000%
125.0	.000	.000	27.446	.000%	.000%	100.000%
126.0	.000	.000	27.446	.000%	.000%	100.000%
127.0	.000	.000	27.446	.000%	.000%	100.000%
128.0	.000	.000	27.446	.000%	.000%	100.000%
129.0	.000	.000	27.446	.000%	.000%	100.000%
130.0	.000	.000	27.446	.000%	.000%	100.000%
131.0	.000	.000	27.446	.000%	.000%	100.000%
132.0	.000	.000	27.446	.000%	.000%	100.000%
133.0	.000	.000	27.446	.000%	.000%	100.000%
134.0	.000	.000	27.446	.000%	.000%	100.000%
135.0	.000	.000	27.446	.000%	.000%	100.000%
136.0	.000	.000	27.446	.000%	.000%	100.000%
137.0	.000	.000	27.446	.000%	.000%	100.000%
138.0	.000	.000	27.446	.000%	.000%	100.000%
139.0	.000	.000	27.446	.000%	.000%	100.000%
140.0	.000	.000	27.446	.000%	.000%	100.000%
141.0	.000	.000	27.446	.000%	.000%	100.000%
142.0	.000	.000	27.446	.000%	.000%	100.000%
143.0	.000	.000	27.446	.000%	.000%	100.000%
144.0	.000	.000	27.446	.000%	.000%	100.000%
145.0	.000	.000	27.446	.000%	.000%	100.000%
146.0	.000	.000	27.446	.000%	.000%	100.000%
147.0	.000	.000	27.446	.000%	.000%	100.000%
148.0	.000	.000	27.446	.000%	.000%	100.000%
149.0	.000	.000	27.446	.000%	.000%	100.000%
150.0	.000	.000	27.446	.000%	.000%	100.000%
151.0	.000	.000	27.446	.000%	.000%	100.000%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
152.0	.000	.000	27.446	.000%	.000%	100.000%
153.0	.000	.000	27.446	.000%	.000%	100.000%
154.0	.000	.000	27.446	.000%	.000%	100.000%
155.0	.000	.000	27.446	.000%	.000%	100.000%
156.0	.000	.000	27.446	.000%	.000%	100.000%
157.0	.000	.000	27.446	.000%	.000%	100.000%
158.0	.000	.000	27.446	.000%	.000%	100.000%
159.0	.000	.000	27.446	.000%	.000%	100.000%
160.0	.000	.000	27.446	.000%	.000%	100.000%
161.0	.000	.000	27.446	.000%	.000%	100.000%
162.0	.000	.000	27.446	.000%	.000%	100.000%
163.0	.000	.000	27.446	.000%	.000%	100.000%
164.0	.000	.000	27.446	.000%	.000%	100.000%
165.0	.000	.000	27.446	.000%	.000%	100.000%
166.0	.000	.000	27.446	.000%	.000%	100.000%
167.0	.000	.000	27.446	.000%	.000%	100.000%
168.0	.000	.000	27.446	.000%	.000%	100.000%
169.0	.000	.000	27.446	.000%	.000%	100.000%
170.0	.000	.000	27.446	.000%	.000%	100.000%
171.0	.000	.000	27.446	.000%	.000%	100.000%
172.0	.000	.000	27.446	.000%	.000%	100.000%
173.0	.000	.000	27.446	.000%	.000%	100.000%
174.0	.000	.000	27.446	.000%	.000%	100.000%
175.0	.000	.000	27.446	.000%	.000%	100.000%
176.0	.000	.000	27.446	.000%	.000%	100.000%
177.0	.000	.000	27.446	.000%	.000%	100.000%
178.0	.000	.000	27.446	.000%	.000%	100.000%
179.0	.000	.000	27.446	.000%	.000%	100.000%
180.0	.000	.000	27.446	.000%	.000%	100.000%

Zonal flux distribution table

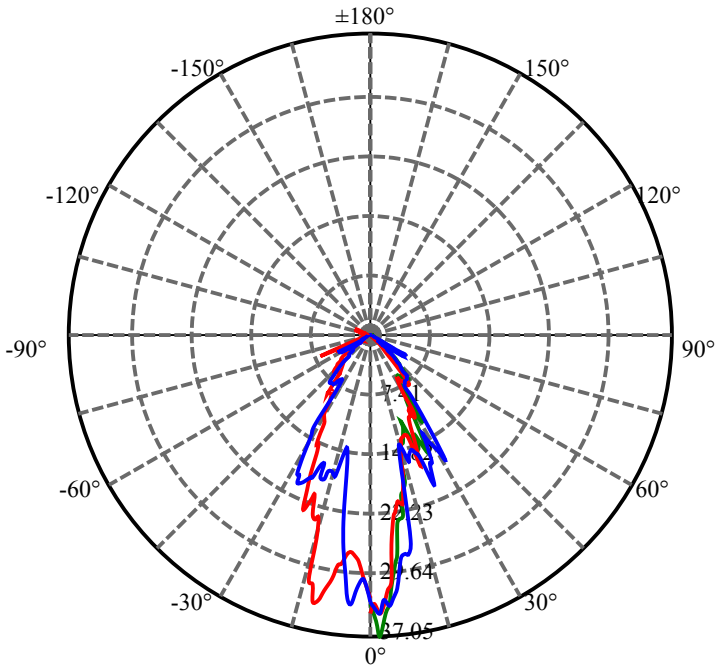
ZONAL LUMEN SUMMARY

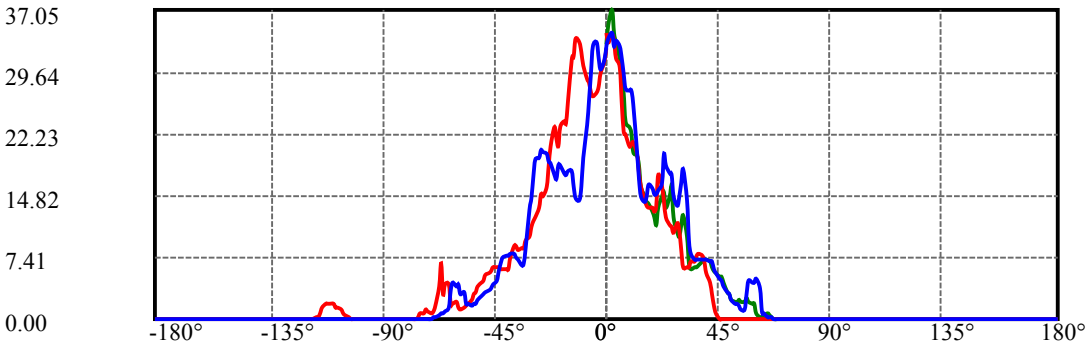
Zone	Lumens	%Lamp	%Fixt
0-30	15.06	N.A.	54.89%
0-40	20.14	N.A.	73.36%
0-60	25.45	N.A.	92.74%
0-90	27.10	N.A.	98.74%
0-120	27.45	N.A.	100.00%
0-180	27.45	N.A.	100.00%
60-90	1.87	N.A.	6.82%
90-120	0.35	N.A.	1.26%
90-130	0.35	N.A.	1.26%
90-150	0.35	N.A.	1.26%
90-180	0.35	N.A.	1.26%
0-44.27	21.96	N.A.	80.00%

ZONAL LUMEN SUMMARY

0-10	2.65
10-20	5.28
20-30	7.14
30-40	5.07
40-50	3.52
50-60	1.80
60-70	1.56
70-80	0.08
80-90	0.00
90-100	0.00
100-110	0.23
110-120	0.12
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

Light Distribution Curve [Unit:cd]





C60(Max):

C0/C180:

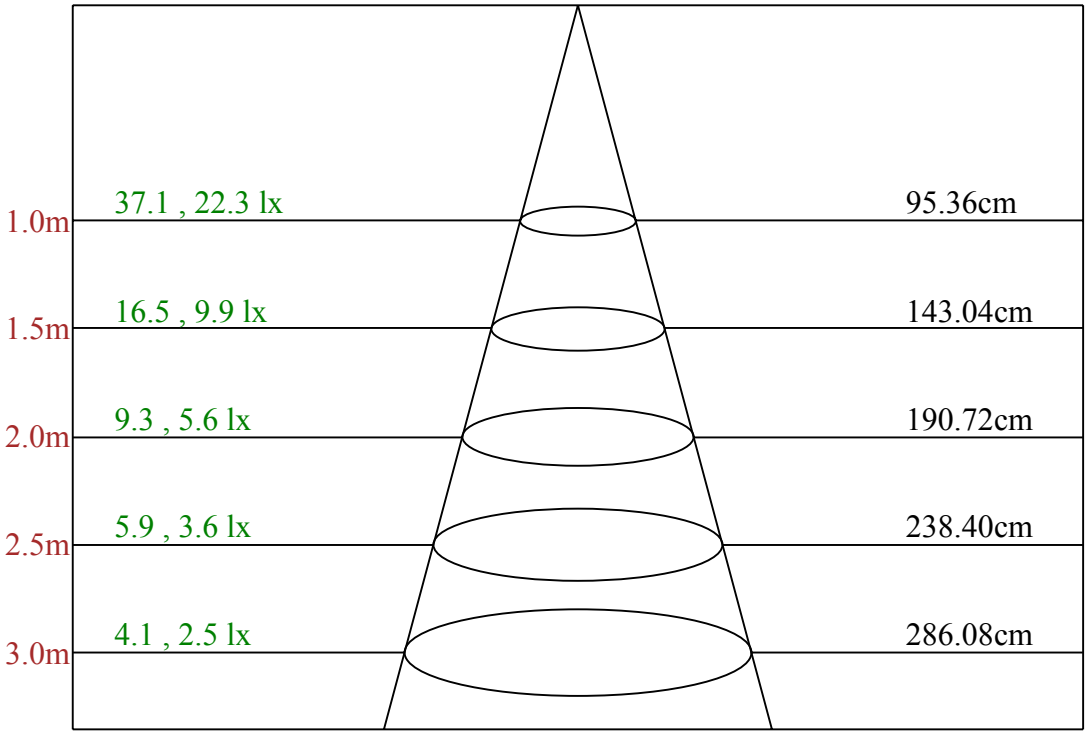
C90/C270:

Field angle(10%Imax):C0/180Left:67.2 Right:41.7
:C90/270Left:64.0 Right:59.1

Beam Angle(50%Imax):C0/180Left:23.5 Right:21.0
:C90/270Left:30.9 Right:29.2

Equipment: GMS 2000 Date: 2016-7-20 Operator: Shao Wang
Temperature(°C): 25 Humidity(%): 60%

Lux distance Curve



Max , Ave

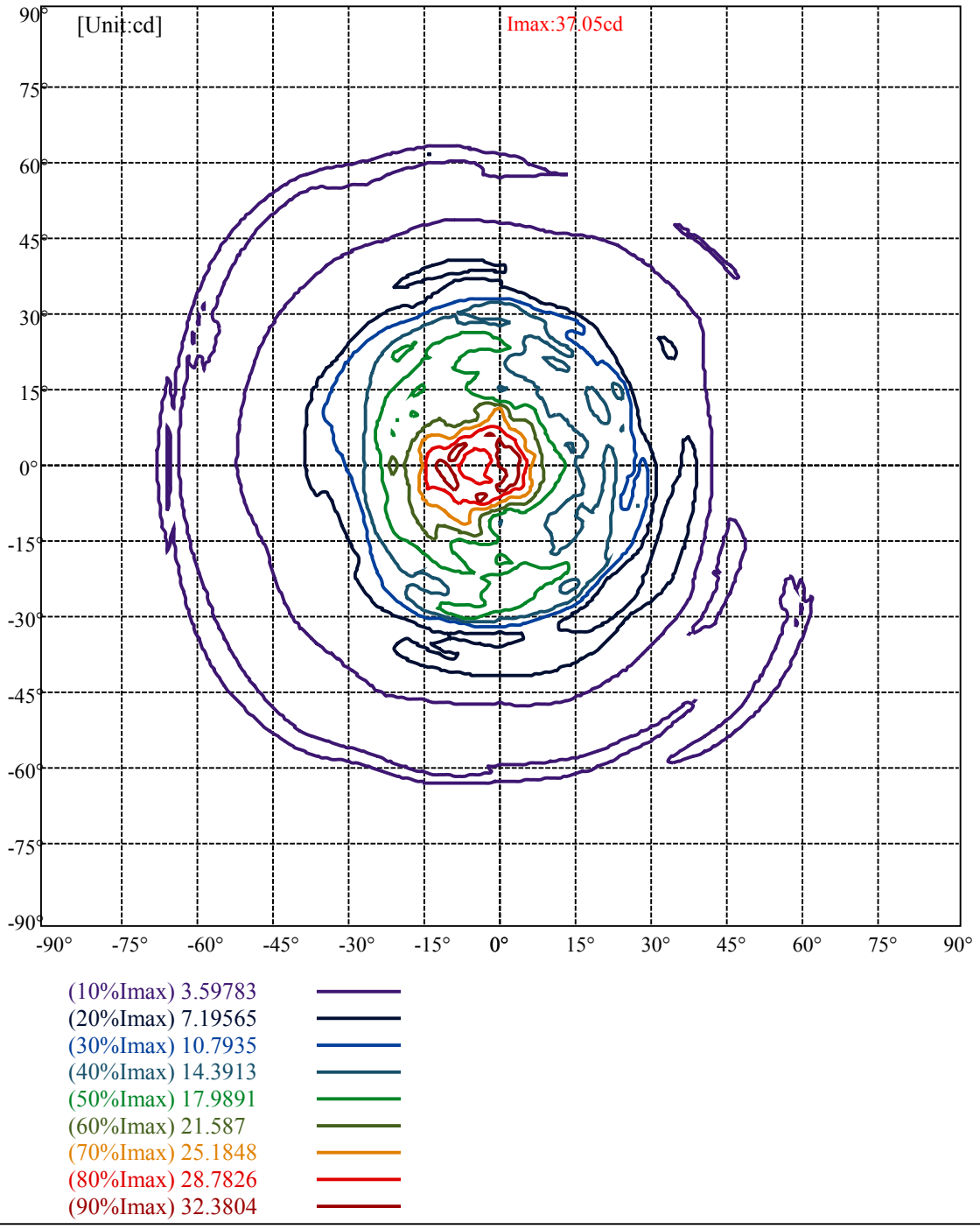
Beam angle of C60plane50.98

Equipment: GMS 2000
Temperature(°C): 25

Date: 2016-7-20
Humidity(%): 60%

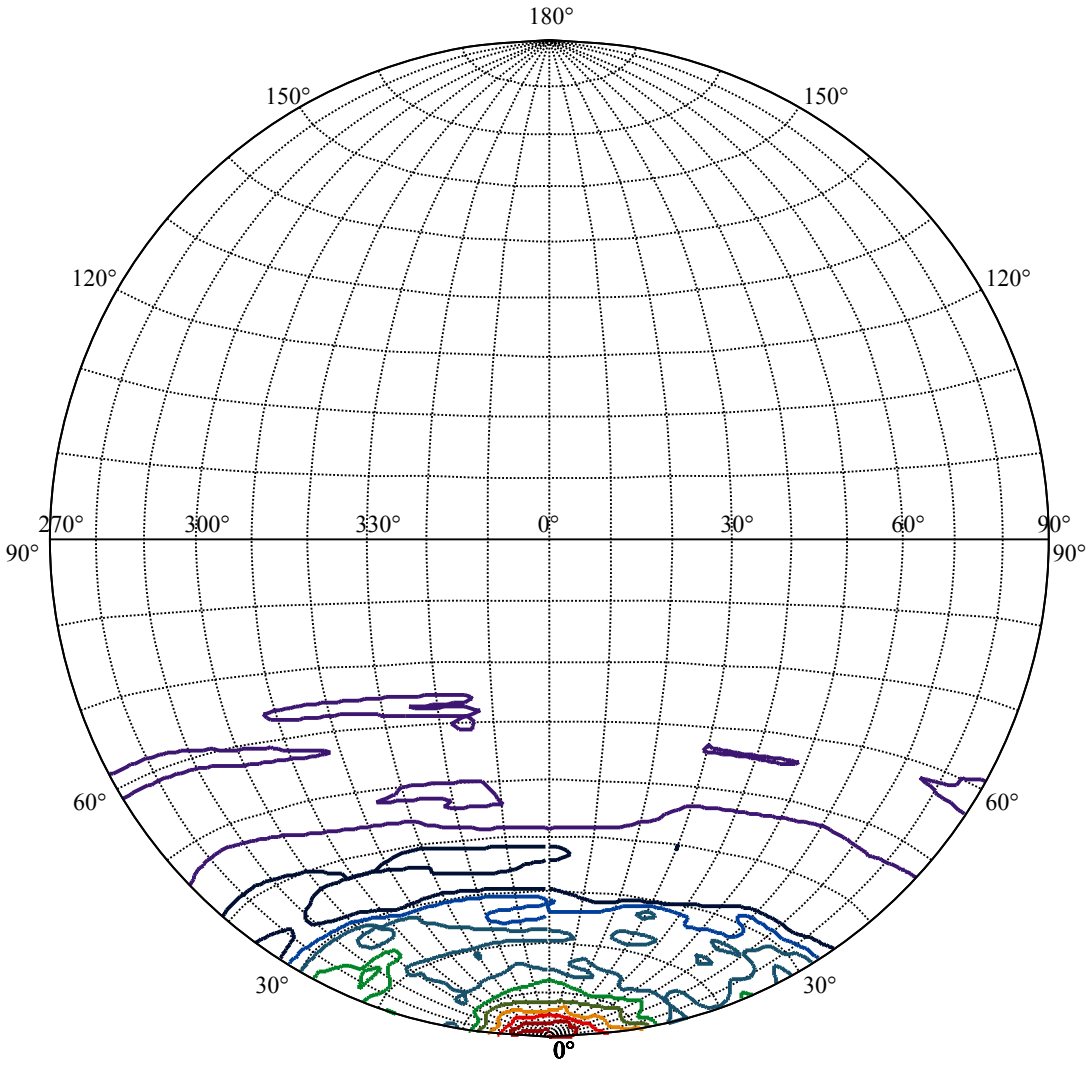
Operator: Shao Wang

ISO-Intensity(V-H)



Equipment: GMS 2000 Date: 2016-7-20 Operator: Shao Wang
Temperature(°C): 25 Humidity(%): 60%

ISO candela diagram on circular web



House [Unit:cd] Road

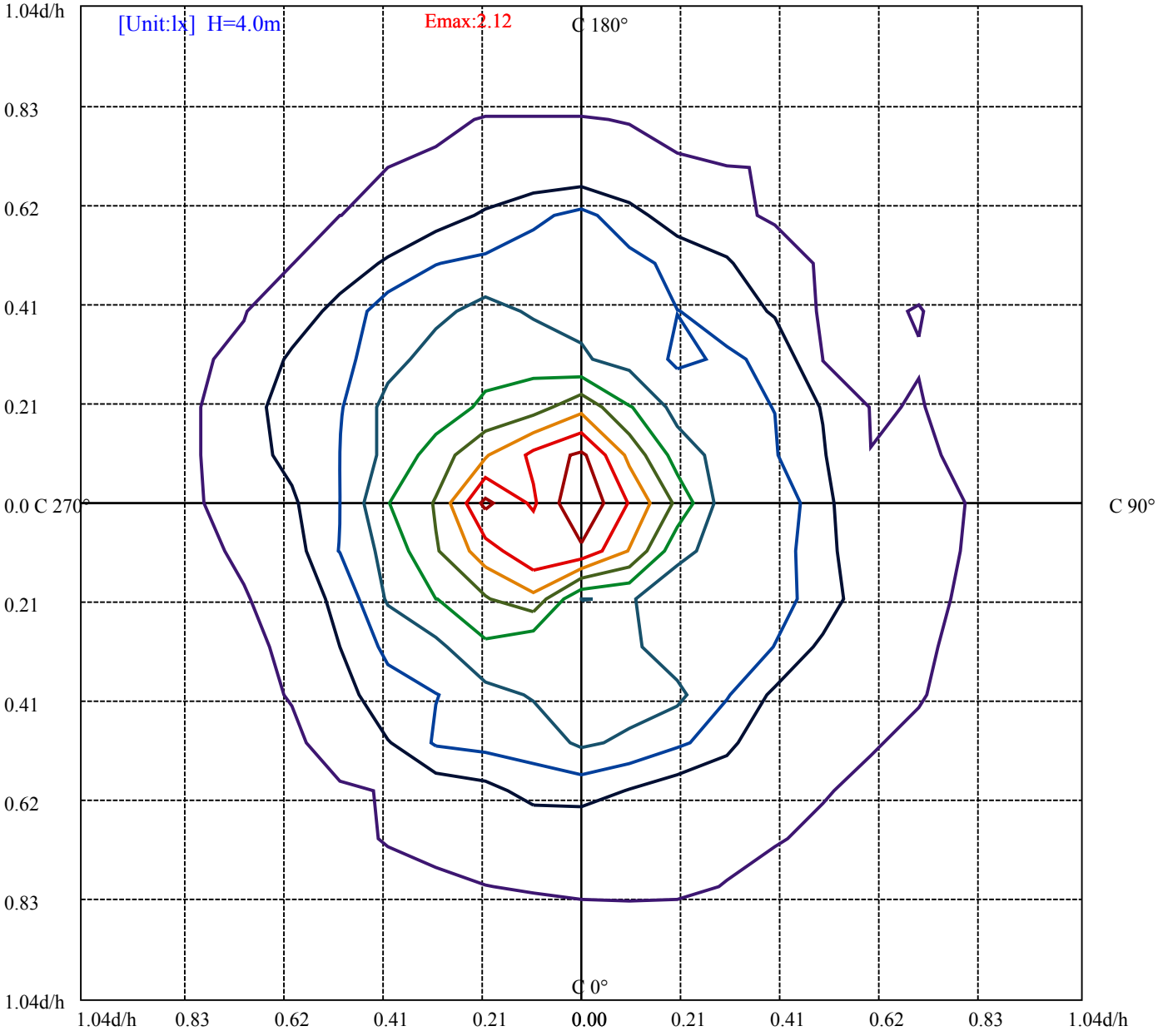
Imax:37.05

(10%Imax) 3.7054
(20%Imax) 7.41081
(30%Imax) 11.1162
(40%Imax) 14.8216
(50%Imax) 18.527
(60%Imax) 22.2324
(70%Imax) 25.9378
(80%Imax) 29.6432
(90%Imax) 33.3486

Equipment: GMS 2000 Date: 2016-7-20 Operator: Shao Wang
Temperature(°C): 25 Humidity(%): 60%

SM23781

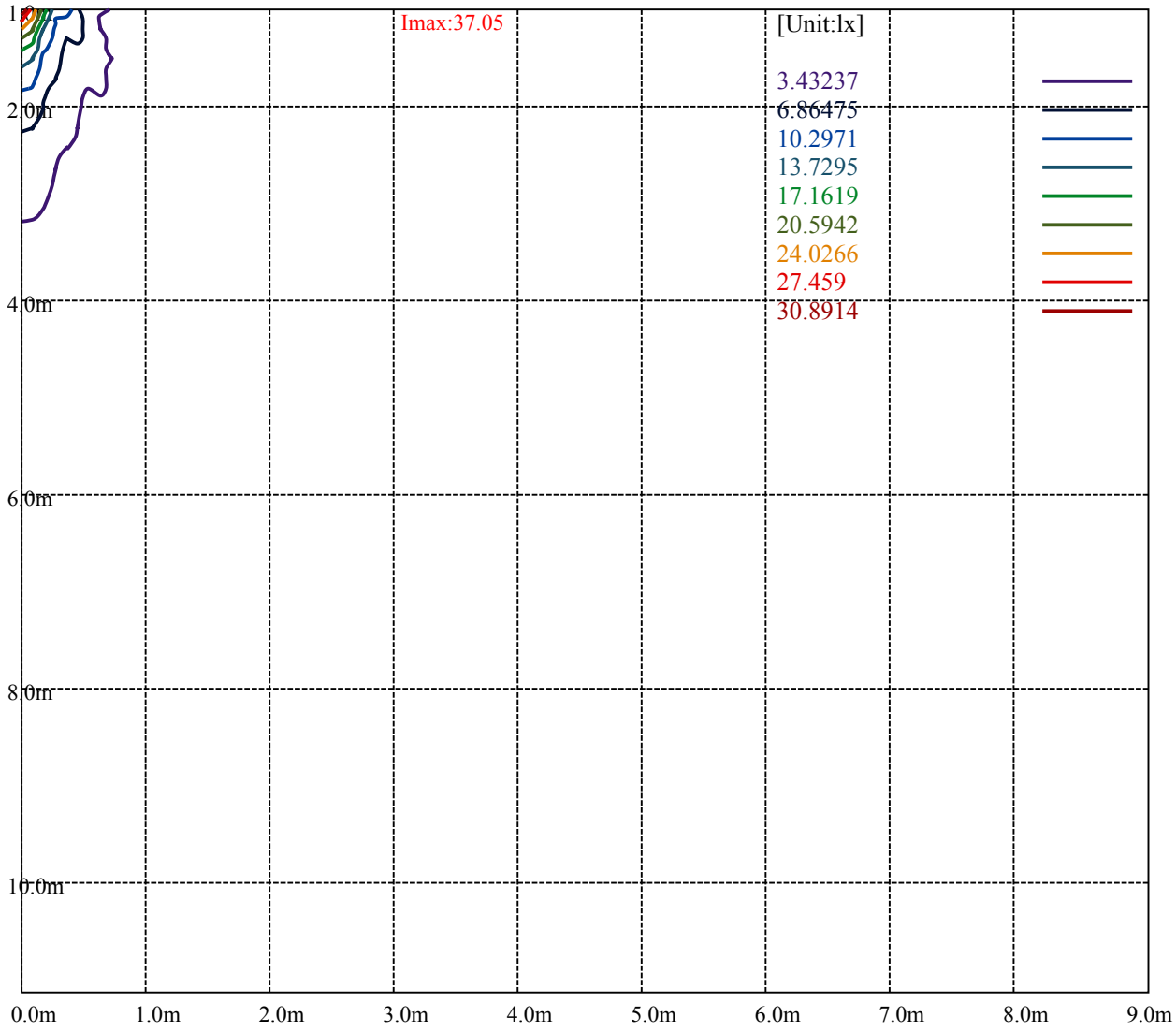
ISO illuminance diagram



(10%Emax) 0.2120856
(20%Emax) 0.4241712
(30%Emax) 0.6362563
(40%Emax) 0.8483437
(50%Emax) 1.060431
(60%Emax) 1.272513
(70%Emax) 1.4846
(80%Emax) 1.696687
(90%Emax) 1.908769

Equipment: GMS 2000 Date: 2016-7-20 Operator: Shao Wang
Temperature(°C): 25 Humidity(%): 60%

Space ISO Lux diagram



Equipment: GMS 2000
Temperature(°C): 25

Date: 2016-7-20
Humidity(%): 60%

Operator: Shao Wang

Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	34.32	33.15	34.13	33.35	31.40	30.23	25.94	22.62	22.04
15.0	33.93	35.49	35.10	35.10	33.15	29.25	26.72	26.33	22.82
30.0	33.54	35.10	35.10	34.91	33.93	28.67	24.77	23.99	23.01
45.0	33.93	35.49	36.66	33.74	32.57	28.28	25.55	24.96	23.60
60.0	32.96	35.10	37.05	34.32	33.15	31.01	28.28	27.11	23.60
75.0	34.52	35.69	34.52	33.35	31.98	31.20	27.89	26.13	24.57
90.0	32.76	33.54	34.32	32.57	33.35	32.57	31.40	29.45	27.69
105.0	32.37	32.76	32.18	31.59	31.98	31.40	32.76	33.15	28.08
120.0	32.37	31.98	30.81	31.20	31.01	31.01	31.01	32.57	28.28
135.0	32.76	31.59	29.45	28.86	28.67	30.03	30.62	31.40	28.86
150.0	32.37	30.03	28.28	27.30	27.11	27.50	28.08	31.40	33.15
165.0	32.18	30.42	28.67	26.91	26.91	26.72	27.11	28.08	30.62
180.0	32.37	30.81	29.45	27.89	27.11	26.72	27.11	28.28	28.67
195.0	33.93	31.20	29.64	28.28	27.50	26.72	26.91	27.89	29.06
210.0	33.54	31.20	29.45	28.86	28.47	28.28	28.67	30.42	31.20
225.0	33.15	31.01	29.64	29.25	28.47	28.28	29.45	30.42	30.81
240.0	32.96	30.62	28.86	28.28	28.47	30.23	31.79	34.71	33.15
255.0	34.52	30.81	29.45	30.23	31.59	31.98	30.42	29.84	26.52
270.0	32.76	31.01	30.03	31.20	33.15	32.57	29.45	26.33	23.21
285.0	32.37	30.81	31.01	32.76	34.91	32.76	26.52	24.38	21.06
300.0	32.37	31.20	31.59	33.54	33.54	30.81	26.13	26.13	23.60
315.0	32.76	32.18	32.76	35.10	34.13	31.40	29.25	27.30	24.38
330.0	32.37	32.37	33.74	34.71	32.76	29.06	26.91	25.55	23.60
345.0	32.18	32.18	33.54	33.93	31.59	29.45	24.57	23.01	22.23
360.0	34.32	33.15	34.13	33.35	31.40	30.23	25.94	22.62	22.04

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	20.67	20.87	21.06	19.70	17.55	15.99	14.24	13.65	13.26
15.0	20.09	19.70	18.72	16.97	15.41	13.26	14.63	15.60	15.02
30.0	20.09	18.53	17.55	17.16	16.19	15.99	15.80	13.85	13.07
45.0	22.04	21.26	18.92	16.77	14.82	13.85	14.04	14.04	13.85
60.0	23.01	22.43	20.09	19.50	18.53	15.99	14.63	14.04	13.85
75.0	22.23	19.31	18.33	17.55	16.77	15.80	14.82	15.99	16.19
90.0	27.30	27.30	25.74	20.09	16.77	14.63	14.04	14.82	16.19
105.0	25.55	23.79	24.57	24.96	20.28	16.77	16.77	16.19	16.77
120.0	24.38	21.45	19.31	19.31	20.09	20.67	19.50	18.92	19.50
135.0	26.91	26.13	22.43	19.70	19.11	19.50	19.70	19.70	19.50
150.0	31.59	26.91	24.38	23.99	23.60	23.99	23.21	21.06	19.31
165.0	35.88	32.96	28.67	29.84	29.45	28.08	27.30	25.55	23.40
180.0	30.42	31.98	33.15	33.54	31.59	31.01	25.94	23.40	23.60
195.0	32.37	34.52	32.96	31.20	29.64	29.45	29.45	26.13	23.99
210.0	32.18	33.15	29.84	27.11	26.33	25.55	25.35	24.77	24.96
225.0	30.03	28.47	28.86	27.69	26.13	25.16	23.40	22.23	21.06
240.0	27.69	24.77	24.77	25.35	26.13	24.38	21.84	18.72	17.36
255.0	23.60	20.09	19.31	19.50	20.87	22.62	19.50	17.55	16.19
270.0	19.31	15.99	14.24	14.43	15.80	17.75	17.75	17.36	17.55
285.0	16.77	16.19	15.99	16.19	15.99	16.77	17.55	17.36	16.77
300.0	21.84	19.11	15.99	14.63	14.63	15.41	15.80	15.80	15.21
315.0	22.04	19.11	17.55	15.60	15.02	14.24	12.87	13.07	13.65
330.0	21.06	19.70	18.53	15.99	14.82	15.60	13.65	13.26	14.04
345.0	21.65	20.67	19.70	17.16	15.99	16.19	15.80	15.02	14.43
360.0	20.67	20.87	21.06	19.70	17.55	15.99	14.24	13.65	13.26

Intensity data(cd)

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	13.26	12.87	13.65	17.16	15.99	14.04	12.29	11.31	11.12
15.0	14.24	13.26	12.29	13.26	13.46	12.68	13.65	14.82	12.29
30.0	12.29	12.68	13.65	14.63	16.19	16.77	13.26	12.48	14.24
45.0	12.29	11.90	11.51	13.07	13.26	13.65	13.65	12.87	11.70
60.0	12.87	12.09	11.31	13.26	14.82	15.21	13.46	14.63	15.99
75.0	13.65	12.48	11.90	11.51	13.07	14.04	13.07	13.07	14.04
90.0	15.60	15.02	15.02	15.41	16.38	19.89	18.53	17.55	17.36
105.0	18.33	18.14	15.99	15.02	15.60	17.94	19.70	19.89	19.31
120.0	19.31	18.92	19.11	18.92	20.28	20.48	19.50	18.14	18.53
135.0	20.28	20.28	18.72	17.75	17.94	19.31	19.11	17.55	17.36
150.0	18.14	17.75	17.94	18.33	17.94	18.92	19.31	18.53	17.75
165.0	20.87	19.50	18.72	17.94	17.94	19.31	20.67	18.53	16.77
180.0	23.01	20.67	21.65	23.01	20.67	18.53	15.99	14.82	15.02
195.0	21.65	20.67	19.50	19.11	19.31	17.75	17.16	17.36	17.16
210.0	24.96	23.01	19.50	18.72	20.09	20.67	19.11	15.99	15.41
225.0	22.04	22.43	20.87	20.67	19.89	16.38	15.41	15.41	15.41
240.0	16.97	17.75	19.50	20.09	18.92	17.94	17.16	14.82	12.87
255.0	15.41	15.41	16.97	17.55	18.33	15.99	15.41	16.19	16.19
270.0	18.53	18.53	16.77	17.16	18.72	18.92	19.70	20.09	20.28
285.0	16.77	17.55	18.14	20.28	20.28	17.94	18.53	18.53	18.33
300.0	15.02	15.21	14.04	14.63	16.97	19.31	19.11	17.75	14.04
315.0	12.87	12.29	14.04	15.60	15.99	15.80	16.19	16.38	15.99
330.0	14.82	15.02	14.63	15.21	17.36	17.16	15.99	14.43	13.85
345.0	13.65	12.68	12.68	15.41	15.21	14.82	11.70	9.75	9.75
360.0	13.26	12.87	13.65	17.16	15.99	14.04	12.29	11.31	11.12

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	10.34	11.51	10.53	8.19	6.24	6.24	6.24	6.83	6.83
15.0	9.95	7.80	5.07	4.68	4.88	5.46	5.85	6.05	6.24
30.0	15.99	14.43	9.75	5.07	4.49	4.49	4.88	5.07	5.46
45.0	10.53	10.73	9.95	9.36	6.83	5.27	5.27	5.46	6.05
60.0	12.29	10.34	9.95	11.31	12.48	9.95	6.63	6.05	6.24
75.0	16.38	15.99	15.99	13.85	11.51	8.39	6.83	6.44	6.63
90.0	14.82	13.65	14.82	16.38	17.94	14.24	9.36	7.80	7.22
105.0	18.14	14.63	13.85	14.04	14.63	12.68	11.12	8.97	7.61
120.0	17.75	17.75	17.75	16.19	13.65	11.70	10.53	8.39	7.02
135.0	17.16	17.75	18.72	18.14	15.60	13.26	13.07	12.29	9.56
150.0	16.97	16.19	14.82	14.24	13.07	12.87	12.87	13.07	13.26
165.0	14.82	13.46	13.26	12.87	13.65	14.04	11.90	11.31	11.31
180.0	13.46	12.29	11.70	11.12	9.95	9.36	8.58	8.58	8.39
195.0	15.02	11.31	9.17	8.58	8.00	7.80	7.41	6.05	5.85
210.0	15.21	12.68	11.31	10.73	9.36	7.80	6.63	6.83	6.83
225.0	15.60	14.04	13.65	12.87	12.48	11.70	10.14	8.58	8.39
240.0	12.87	13.85	15.60	16.58	16.97	13.07	10.73	8.19	6.63
255.0	15.99	17.16	21.45	21.84	15.99	8.97	7.41	7.02	7.22
270.0	19.31	19.11	16.97	14.43	13.07	8.58	6.63	6.44	7.02
285.0	17.94	16.97	16.97	13.65	10.73	8.39	7.80	7.61	7.80
300.0	13.07	14.04	16.58	13.46	9.56	6.83	6.24	6.63	6.83
315.0	15.99	16.19	11.31	7.41	5.66	5.66	6.05	6.63	6.83
330.0	11.51	11.31	12.29	10.14	7.61	6.83	6.83	7.02	7.41
345.0	11.51	14.82	13.07	8.78	7.02	6.83	7.02	7.61	8.19
360.0	10.34	11.51	10.53	8.19	6.24	6.24	6.24	6.83	6.83

Intensity data(cd)

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	7.61	7.80	7.61	6.83	5.46	4.49	2.93	1.56	0.59
15.0	6.63	6.63	6.63	6.24	6.05	5.27	3.71	2.73	1.37
30.0	6.05	6.44	7.02	7.41	7.41	7.02	6.63	6.24	5.46
45.0	6.05	6.44	6.83	6.83	6.63	6.24	6.05	6.05	5.27
60.0	6.24	6.44	6.83	7.22	7.22	6.83	6.24	5.85	5.46
75.0	6.63	7.02	7.02	7.02	6.63	6.24	6.05	5.46	4.88
90.0	7.22	7.02	7.22	7.22	7.02	6.83	6.83	6.05	5.46
105.0	7.41	7.22	7.02	7.41	7.61	7.22	6.83	6.63	5.85
120.0	6.83	6.83	7.02	7.22	7.41	7.02	6.63	6.24	5.46
135.0	8.19	7.22	6.83	6.63	6.63	6.83	6.63	6.05	6.05
150.0	9.36	7.41	6.83	6.83	6.83	6.83	6.83	6.63	6.63
165.0	10.92	9.75	8.78	7.02	6.63	6.63	6.63	6.83	6.83
180.0	8.78	8.78	7.41	6.05	6.05	6.05	6.05	6.24	6.24
195.0	6.05	5.46	5.07	5.27	5.66	5.66	5.66	5.46	5.27
210.0	6.24	6.05	6.05	5.66	5.85	5.66	5.46	5.27	5.27
225.0	7.02	6.05	6.05	6.05	6.24	6.24	6.63	6.44	6.05
240.0	6.24	6.83	7.22	7.41	7.41	7.41	7.02	6.63	6.24
255.0	7.61	7.61	7.02	7.22	7.41	7.41	6.83	6.24	5.66
270.0	7.41	7.80	7.80	7.61	7.61	7.41	6.63	5.85	4.68
285.0	8.19	8.19	8.39	8.19	8.19	7.61	6.63	6.05	5.27
300.0	7.02	7.41	7.61	7.61	7.41	6.63	5.66	5.07	4.29
315.0	7.02	7.41	7.22	6.83	6.24	5.66	5.07	4.29	3.90
330.0	7.41	7.80	8.00	7.80	6.83	6.05	4.88	4.29	3.90
345.0	8.58	8.39	7.80	6.83	5.46	4.68	3.51	2.15	1.17
360.0	7.61	7.80	7.61	6.83	5.46	4.49	2.93	1.56	0.59

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.39	0.00	0.00	0.20	0.20	0.78	1.37	0.98	0.78
30.0	5.27	4.49	3.51	2.73	2.15	1.37	1.37	1.17	1.76
45.0	5.07	4.49	3.71	2.93	2.73	2.34	2.73	2.73	3.12
60.0	5.07	5.07	4.29	3.32	2.93	2.34	2.15	1.95	2.34
75.0	4.49	3.90	3.12	2.73	2.15	1.95	1.95	2.15	1.76
90.0	4.88	4.68	3.90	3.32	2.93	2.34	1.95	1.76	1.56
105.0	5.46	5.07	4.49	4.10	3.51	2.93	2.34	1.95	1.56
120.0	5.07	4.49	4.10	3.71	3.32	2.93	2.73	1.95	1.95
135.0	5.46	5.07	4.88	4.49	4.10	3.51	3.12	2.54	2.15
150.0	6.05	5.27	4.88	4.49	3.90	3.71	3.51	2.93	2.73
165.0	6.24	5.66	5.27	4.88	4.49	4.10	3.71	3.32	3.12
180.0	6.24	5.85	5.46	5.27	4.68	4.49	3.90	3.32	2.93
195.0	5.07	4.88	3.90	3.51	3.12	2.73	2.34	1.95	1.37
210.0	4.88	4.49	4.29	3.90	3.51	2.93	2.93	2.34	1.95
225.0	5.46	4.68	4.10	3.51	3.32	3.12	2.93	2.73	2.34
240.0	6.24	5.46	4.49	3.71	3.71	3.12	2.93	2.54	2.15
255.0	4.88	4.29	3.71	3.32	3.32	3.12	2.73	2.34	1.76
270.0	4.10	3.71	3.51	3.12	2.93	2.73	2.34	1.95	1.76
285.0	4.68	4.29	3.90	3.32	2.93	2.73	2.15	1.95	1.76
300.0	3.90	3.71	3.32	2.93	2.73	2.34	2.15	1.76	1.56
315.0	3.51	3.32	2.93	2.54	2.15	1.95	1.37	1.37	1.56
330.0	2.93	1.56	0.98	4.49	3.90	3.71	3.51	2.93	0.20
345.0	0.20	5.66	5.27	4.88	4.49	4.10	0.20	0.20	1.17
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	2.15	1.95	3.90	3.71	1.56	0.00	0.00	0.00	0.00
45.0	3.12	3.32	4.10	1.95	0.98	0.78	0.20	0.20	0.20
60.0	2.15	2.15	2.54	2.15	1.95	1.95	0.78	0.20	0.20
75.0	2.15	2.93	1.95	3.12	3.71	2.54	1.76	0.39	0.20
90.0	1.17	1.17	2.93	4.68	4.49	4.49	4.88	3.71	0.98
105.0	1.56	1.37	1.17	0.59	0.98	1.76	2.93	6.24	7.41
120.0	2.15	2.15	2.15	1.37	1.37	3.71	4.29	6.83	6.05
135.0	1.76	1.37	1.17	1.56	1.56	2.15	1.95	1.95	2.73
150.0	2.34	1.95	1.76	1.76	1.95	1.95	1.95	2.54	3.90
165.0	2.73	2.15	1.95	1.76	2.34	3.90	4.10	3.71	4.49
180.0	2.34	1.76	1.56	1.37	1.17	1.37	2.15	1.76	1.76
195.0	1.37	1.17	0.78	0.98	1.56	2.15	3.32	3.51	5.66
210.0	1.56	1.37	1.17	1.17	1.56	1.56	2.15	4.10	4.49
225.0	1.95	1.56	1.37	1.37	1.37	2.54	2.15	3.32	3.90
240.0	1.76	1.56	1.37	1.95	2.93	1.95	3.71	5.07	3.90
255.0	1.56	1.17	0.98	0.98	1.37	1.17	1.56	3.12	4.88
270.0	1.56	1.95	1.76	3.12	2.93	4.10	3.90	4.49	3.51
285.0	1.37	1.17	1.37	1.95	2.34	4.68	6.83	4.49	3.32
300.0	1.17	1.37	1.56	3.51	4.49	4.68	2.93	2.15	1.17
315.0	1.95	2.54	3.32	4.10	3.51	2.54	1.37	0.20	0.20
330.0	0.59	1.17	1.17	2.15	0.59	1.95	1.95	2.54	3.90
345.0	1.37	2.15	1.95	1.76	2.34	3.90	4.10	3.71	4.49
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.39	0.78	0.39	0.20	0.00	0.00	0.00	0.00	0.00
75.0	0.20	0.39	0.20	0.20	0.00	0.00	0.00	0.00	0.00
90.0	0.59	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00
105.0	5.07	1.17	0.20	0.20	0.20	0.20	0.20	0.20	0.00
120.0	3.71	0.98	0.39	0.39	0.59	0.39	0.20	0.20	0.00
135.0	6.05	6.63	1.95	0.78	0.39	0.20	0.20	0.39	0.20
150.0	3.90	5.85	3.12	1.56	1.17	1.17	1.17	0.98	0.59
165.0	3.32	4.10	3.51	1.17	1.17	1.17	1.17	1.17	0.98
180.0	4.10	4.10	2.93	6.63	3.90	1.56	0.98	0.78	0.98
195.0	6.05	6.05	2.73	1.17	0.59	0.59	0.39	0.59	0.39
210.0	4.88	3.90	2.93	3.32	1.37	0.39	0.20	0.20	0.59
225.0	4.49	3.71	2.54	0.98	0.59	0.78	0.59	0.59	0.39
240.0	2.93	2.73	3.12	0.20	0.20	0.20	0.20	0.20	0.00
255.0	3.90	1.37	1.76	0.78	0.20	0.20	0.20	0.39	0.59
270.0	1.37	0.98	0.59	0.59	0.39	0.20	0.20	0.00	0.00
285.0	0.78	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.00
300.0	0.59	0.98	0.78	0.39	0.39	0.20	0.20	0.20	0.00
315.0	6.05	6.63	1.95	0.78	0.39	0.20	0.20	0.39	0.20
330.0	3.90	5.85	3.12	1.56	1.17	1.17	1.17	0.98	0.59
345.0	3.32	4.10	3.51	1.17	1.17	1.17	1.17	1.17	0.98
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.39	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
180.0	1.17	0.78	0.59	0.20	0.00	0.00	0.00	0.00	0.00
195.0	0.59	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.39	0.39	0.20	0.20	0.00	0.00	0.00	0.00	0.00
225.0	0.59	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.39	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.20	0.20	0.39	0.59	0.78
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.20	0.78	0.98	1.37	1.56	1.56
150.0	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.20	0.39	0.78	1.17	1.37
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.20	0.20	0.39	0.59	0.59	0.78
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.20	0.39	0.78	0.98	1.37
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.20	0.20	0.39	0.59	0.20
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.20	0.78	0.98	1.37	1.56	1.56
330.0	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.20	0.20	0.39	0.59	0.39	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.78	1.17	1.37	1.17	0.98	0.78	0.20	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	1.56	1.37	1.37	1.37	0.98	0.39	0.20	0.00	0.00
150.0	0.39	0.39	0.59	0.20	0.20	0.20	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	1.37	1.76	1.95	1.95	1.76	1.37	0.78	0.20	0.20
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.59	0.78	0.98	0.98	1.17	0.59	0.20	0.00	0.00
225.0	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	1.37	1.17	0.78	0.39	0.20	0.39	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.20	0.20	0.20	0.20	0.98	0.78	0.20	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	1.56	1.37	1.37	1.37	0.98	0.39	0.20	0.00	0.00
330.0	0.39	0.39	0.59	0.20	0.20	0.20	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	180.0
0.0	0.00
15.0	0.00
30.0	0.00
45.0	0.00
60.0	0.00
75.0	0.00
90.0	0.00
105.0	0.00
120.0	0.00
135.0	0.00
150.0	0.00
165.0	0.00
180.0	0.00
195.0	0.00
210.0	0.00
225.0	0.00
240.0	0.00
255.0	0.00
270.0	0.00
285.0	0.00
300.0	0.00
315.0	0.00
330.0	0.00
345.0	0.00
360.0	0.00