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TroyCSL Lighting

Client:

LumCAT: B2361CR

Luminaire:

Report No: BSR202203040101-9

Ballast type:

Test No: BSR202203040101-9

Voltage(V): 120.000

LampCAT: A19 60W

Current(A): 0.566

Lamp flux(lm)

Power (W): 68.000

Number of Lamps: 1

PF: 1.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 231.21, Luminous Efficacy(lm/W): 3.40

Central intensity(cd): 104.267, Maximum intensity(cd): 105.964

Angle of maximum intensity: C=202.5 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=101.6

[C90/270]Total=102.3

Field angle(10%Imax): [C0/180]Total=111.6

[C90/270]Total=108.8

Maximum s/h(1/2): C0_180=1.35 C90_270=1.35

Maximum s/h(1/4): C0_180=1.62 C90_270=1.47

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.292%

Equipment: GMS1800
Temperature(°C): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B2361CR

Zonal flux distribution table

Appendix Page: 2 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	104.267	0.000	0	0.00%	0.00%
1.0	104.324	0.100	0.1	0.04%	0.04%
2.0	104.282	0.299	0.399	0.13%	0.17%
3.0	103.740	0.498	0.897	0.22%	0.39%
4.0	102.820	0.691	1.588	0.30%	0.69%
5.0	101.908	0.881	2.469	0.38%	1.07%
6.0	101.337	1.068	3.537	0.46%	1.53%
7.0	99.748	1.248	4.785	0.54%	2.07%
8.0	98.607	1.420	6.205	0.61%	2.68%
9.0	98.072	1.594	7.799	0.69%	3.37%
10.0	96.917	1.765	9.563	0.76%	4.14%
11.0	96.276	1.930	11.494	0.83%	4.97%
12.0	95.007	2.091	13.585	0.90%	5.88%
13.0	94.608	2.250	15.835	0.97%	6.85%
14.0	94.230	2.417	18.252	1.05%	7.89%
15.0	93.966	2.584	20.836	1.12%	9.01%
16.0	93.838	2.752	23.587	1.19%	10.20%
17.0	93.517	2.918	26.505	1.26%	11.46%
18.0	93.588	3.085	29.59	1.33%	12.80%
19.0	94.037	3.264	32.854	1.41%	14.21%
20.0	93.781	3.438	36.292	1.49%	15.70%
21.0	94.059	3.607	39.899	1.56%	17.26%
22.0	94.372	3.787	43.685	1.64%	18.89%
23.0	94.344	3.960	47.645	1.71%	20.61%
24.0	95.199	4.144	51.789	1.79%	22.40%
25.0	96.147	4.351	56.14	1.88%	24.28%
26.0	96.732	4.553	60.693	1.97%	26.25%
27.0	96.311	4.723	65.416	2.04%	28.29%
28.0	96.304	4.877	70.293	2.11%	30.40%
29.0	95.941	5.030	75.322	2.18%	32.58%
30.0	96.197	5.188	80.51	2.24%	34.82%
31.0	95.656	5.339	85.849	2.31%	37.13%
32.0	95.456	5.475	91.324	2.37%	39.50%
33.0	95.214	5.617	96.941	2.43%	41.93%
34.0	94.743	5.749	102.69	2.49%	44.41%
35.0	94.444	5.875	108.565	2.54%	46.95%
36.0	93.866	5.996	114.561	2.59%	49.55%
37.0	93.424	6.108	120.67	2.64%	52.19%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B2361CR

Zonal flux distribution table

Appendix Page: 3 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	92.868	6.218	126.888	2.69%	54.88%
39.0	92.369	6.323	133.21	2.73%	57.61%
40.0	91.906	6.427	139.637	2.78%	60.39%
41.0	91.414	6.528	146.165	2.82%	63.22%
42.0	90.815	6.621	152.786	2.86%	66.08%
43.0	90.387	6.712	159.498	2.90%	68.98%
44.0	89.724	6.798	166.296	2.94%	71.92%
45.0	88.313	6.842	173.138	2.96%	74.88%
46.0	85.497	6.797	179.936	2.94%	77.82%
47.0	81.911	6.658	186.594	2.88%	80.70%
48.0	77.698	6.452	193.046	2.79%	83.49%
49.0	73.328	6.202	199.248	2.68%	86.17%
50.0	67.283	5.863	205.11	2.54%	88.71%
51.0	55.955	5.214	210.324	2.26%	90.97%
52.0	45.183	4.340	214.664	1.88%	92.84%
53.0	33.734	3.433	218.097	1.48%	94.33%
54.0	23.026	2.502	220.599	1.08%	95.41%
55.0	17.466	1.808	222.406	0.78%	96.19%
56.0	11.927	1.328	223.735	0.57%	96.77%
57.0	8.255	0.923	224.657	0.40%	97.16%
58.0	4.741	0.601	225.258	0.26%	97.42%
59.0	3.921	0.405	225.663	0.18%	97.60%
60.0	3.657	0.358	226.021	0.15%	97.75%
61.0	3.486	0.341	226.362	0.15%	97.90%
62.0	3.258	0.325	226.687	0.14%	98.04%
63.0	3.073	0.308	226.995	0.13%	98.18%
64.0	2.859	0.291	227.286	0.13%	98.30%
65.0	2.709	0.276	227.562	0.12%	98.42%
66.0	2.552	0.262	227.824	0.11%	98.53%
67.0	2.388	0.248	228.073	0.11%	98.64%
68.0	2.231	0.234	228.307	0.10%	98.74%
69.0	2.089	0.220	228.527	0.10%	98.84%
70.0	1.953	0.208	228.735	0.09%	98.93%
71.0	1.825	0.195	228.93	0.08%	99.01%
72.0	1.682	0.182	229.112	0.08%	99.09%
73.0	1.561	0.170	229.282	0.07%	99.16%
74.0	1.454	0.159	229.44	0.07%	99.23%
75.0	1.390	0.150	229.591	0.07%	99.30%

Equipment: GMS1800
Temperature($^{\circ}$ C): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B2361CR

Zonal flux distribution table

Appendix Page: 4 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.290	0.142	229.733	0.06%	99.36%
77.0	1.212	0.133	229.866	0.06%	99.42%
78.0	1.169	0.127	229.994	0.06%	99.47%
79.0	1.091	0.121	230.115	0.05%	99.52%
80.0	1.069	0.116	230.232	0.05%	99.58%
81.0	1.027	0.113	230.345	0.05%	99.62%
82.0	0.984	0.109	230.454	0.05%	99.67%
83.0	0.970	0.106	230.56	0.05%	99.72%
84.0	0.934	0.104	230.664	0.04%	99.76%
85.0	0.920	0.101	230.765	0.04%	99.81%
86.0	0.920	0.101	230.866	0.04%	99.85%
87.0	0.912	0.100	230.966	0.04%	99.89%
88.0	0.905	0.100	231.065	0.04%	99.94%
89.0	0.898	0.099	231.164	0.04%	99.98%
90.0	0.000	0.049	231.214	0.02%	100.00%
91.0	0.000	0.000	231.214	0.00%	100.00%
92.0	0.000	0.000	231.214	0.00%	100.00%
93.0	0.000	0.000	231.214	0.00%	100.00%
94.0	0.000	0.000	231.214	0.00%	100.00%
95.0	0.000	0.000	231.214	0.00%	100.00%
96.0	0.000	0.000	231.214	0.00%	100.00%
97.0	0.000	0.000	231.214	0.00%	100.00%
98.0	0.000	0.000	231.214	0.00%	100.00%
99.0	0.000	0.000	231.214	0.00%	100.00%
100.0	0.000	0.000	231.214	0.00%	100.00%
101.0	0.000	0.000	231.214	0.00%	100.00%
102.0	0.000	0.000	231.214	0.00%	100.00%
103.0	0.000	0.000	231.214	0.00%	100.00%
104.0	0.000	0.000	231.214	0.00%	100.00%
105.0	0.000	0.000	231.214	0.00%	100.00%
106.0	0.000	0.000	231.214	0.00%	100.00%
107.0	0.000	0.000	231.214	0.00%	100.00%
108.0	0.000	0.000	231.214	0.00%	100.00%
109.0	0.000	0.000	231.214	0.00%	100.00%
110.0	0.000	0.000	231.214	0.00%	100.00%
111.0	0.000	0.000	231.214	0.00%	100.00%
112.0	0.000	0.000	231.214	0.00%	100.00%
113.0	0.000	0.000	231.214	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B2361CR

Zonal flux distribution table

Appendix Page: 5 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	231.214	0.00%	100.00%
115.0	0.000	0.000	231.214	0.00%	100.00%
116.0	0.000	0.000	231.214	0.00%	100.00%
117.0	0.000	0.000	231.214	0.00%	100.00%
118.0	0.000	0.000	231.214	0.00%	100.00%
119.0	0.000	0.000	231.214	0.00%	100.00%
120.0	0.000	0.000	231.214	0.00%	100.00%
121.0	0.000	0.000	231.214	0.00%	100.00%
122.0	0.000	0.000	231.214	0.00%	100.00%
123.0	0.000	0.000	231.214	0.00%	100.00%
124.0	0.000	0.000	231.214	0.00%	100.00%
125.0	0.000	0.000	231.214	0.00%	100.00%
126.0	0.000	0.000	231.214	0.00%	100.00%
127.0	0.000	0.000	231.214	0.00%	100.00%
128.0	0.000	0.000	231.214	0.00%	100.00%
129.0	0.000	0.000	231.214	0.00%	100.00%
130.0	0.000	0.000	231.214	0.00%	100.00%
131.0	0.000	0.000	231.214	0.00%	100.00%
132.0	0.000	0.000	231.214	0.00%	100.00%
133.0	0.000	0.000	231.214	0.00%	100.00%
134.0	0.000	0.000	231.214	0.00%	100.00%
135.0	0.000	0.000	231.214	0.00%	100.00%
136.0	0.000	0.000	231.214	0.00%	100.00%
137.0	0.000	0.000	231.214	0.00%	100.00%
138.0	0.000	0.000	231.214	0.00%	100.00%
139.0	0.000	0.000	231.214	0.00%	100.00%
140.0	0.000	0.000	231.214	0.00%	100.00%
141.0	0.000	0.000	231.214	0.00%	100.00%
142.0	0.000	0.000	231.214	0.00%	100.00%
143.0	0.000	0.000	231.214	0.00%	100.00%
144.0	0.000	0.000	231.214	0.00%	100.00%
145.0	0.000	0.000	231.214	0.00%	100.00%
146.0	0.000	0.000	231.214	0.00%	100.00%
147.0	0.000	0.000	231.214	0.00%	100.00%
148.0	0.000	0.000	231.214	0.00%	100.00%
149.0	0.000	0.000	231.214	0.00%	100.00%
150.0	0.000	0.000	231.214	0.00%	100.00%
151.0	0.000	0.000	231.214	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B2361CR

Zonal flux distribution table

Appendix Page: 6 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	231.214	0.00%	100.00%
153.0	0.000	0.000	231.214	0.00%	100.00%
154.0	0.000	0.000	231.214	0.00%	100.00%
155.0	0.000	0.000	231.214	0.00%	100.00%
156.0	0.000	0.000	231.214	0.00%	100.00%
157.0	0.000	0.000	231.214	0.00%	100.00%
158.0	0.000	0.000	231.214	0.00%	100.00%
159.0	0.000	0.000	231.214	0.00%	100.00%
160.0	0.000	0.000	231.214	0.00%	100.00%
161.0	0.000	0.000	231.214	0.00%	100.00%
162.0	0.000	0.000	231.214	0.00%	100.00%
163.0	0.000	0.000	231.214	0.00%	100.00%
164.0	0.000	0.000	231.214	0.00%	100.00%
165.0	0.000	0.000	231.214	0.00%	100.00%
166.0	0.000	0.000	231.214	0.00%	100.00%
167.0	0.000	0.000	231.214	0.00%	100.00%
168.0	0.000	0.000	231.214	0.00%	100.00%
169.0	0.000	0.000	231.214	0.00%	100.00%
170.0	0.000	0.000	231.214	0.00%	100.00%
171.0	0.000	0.000	231.214	0.00%	100.00%
172.0	0.000	0.000	231.214	0.00%	100.00%
173.0	0.000	0.000	231.214	0.00%	100.00%
174.0	0.000	0.000	231.214	0.00%	100.00%
175.0	0.000	0.000	231.214	0.00%	100.00%
176.0	0.000	0.000	231.214	0.00%	100.00%
177.0	0.000	0.000	231.214	0.00%	100.00%
178.0	0.000	0.000	231.214	0.00%	100.00%
179.0	0.000	0.000	231.214	0.00%	100.00%
180.0	0.000	0.000	231.214	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/4
Humidity(%): 59.0%

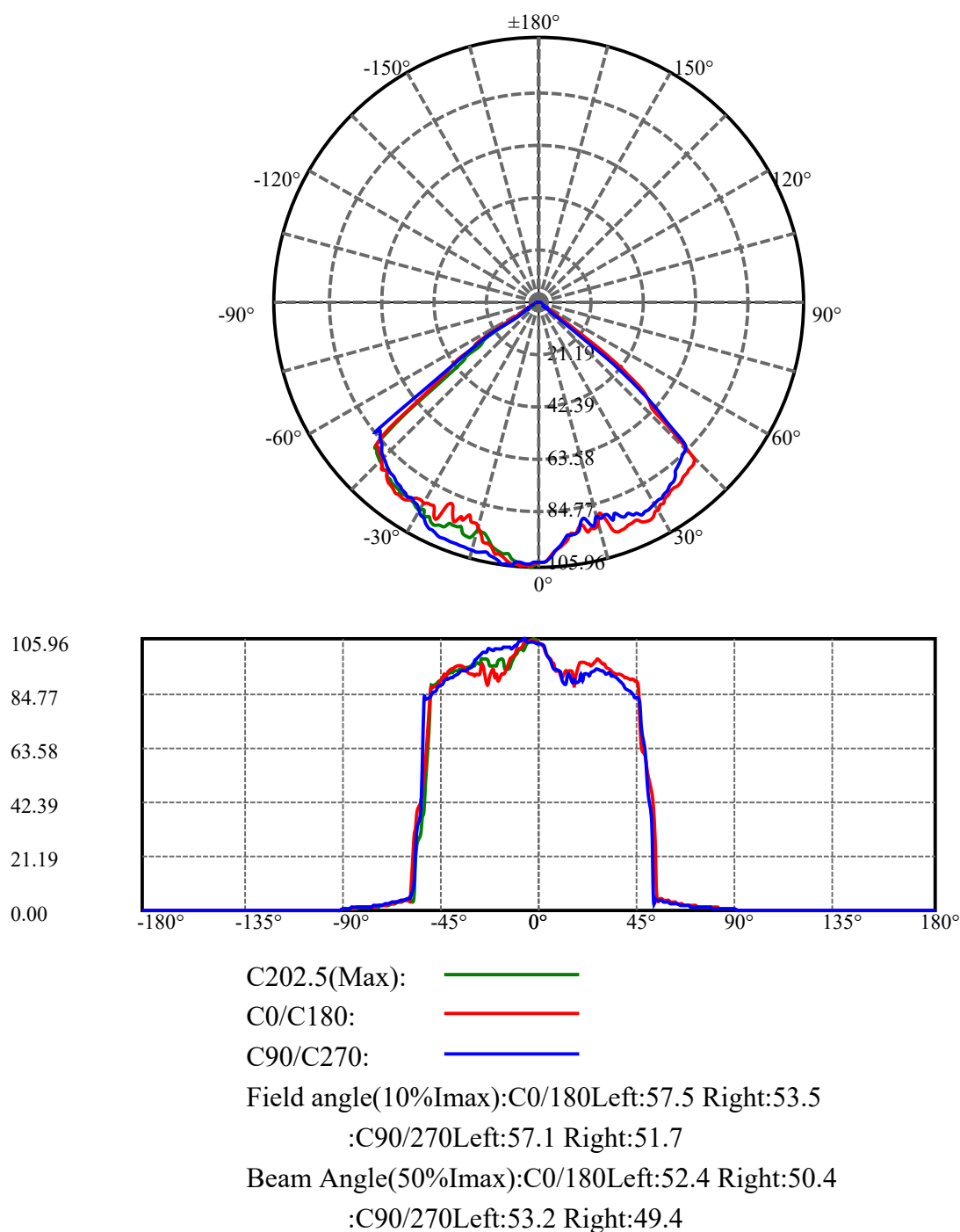
Operator: 01
Distance(m): 10.68

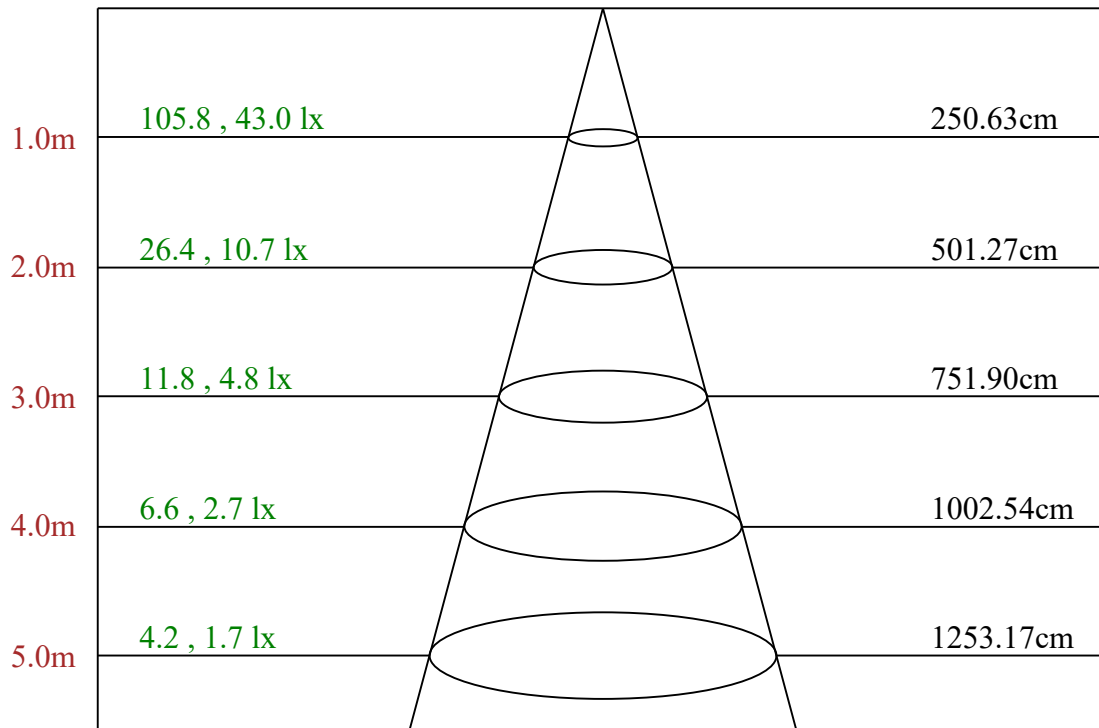
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	80.51	34.82%
0-40	139.64	60.39%
0-60	226.02	97.75%
0-90	231.21	100.00%
0-120	231.21	100.00%
0-180	231.21	100.00%
60-90	5.19	2.25%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-46.76	184.97	80.00%

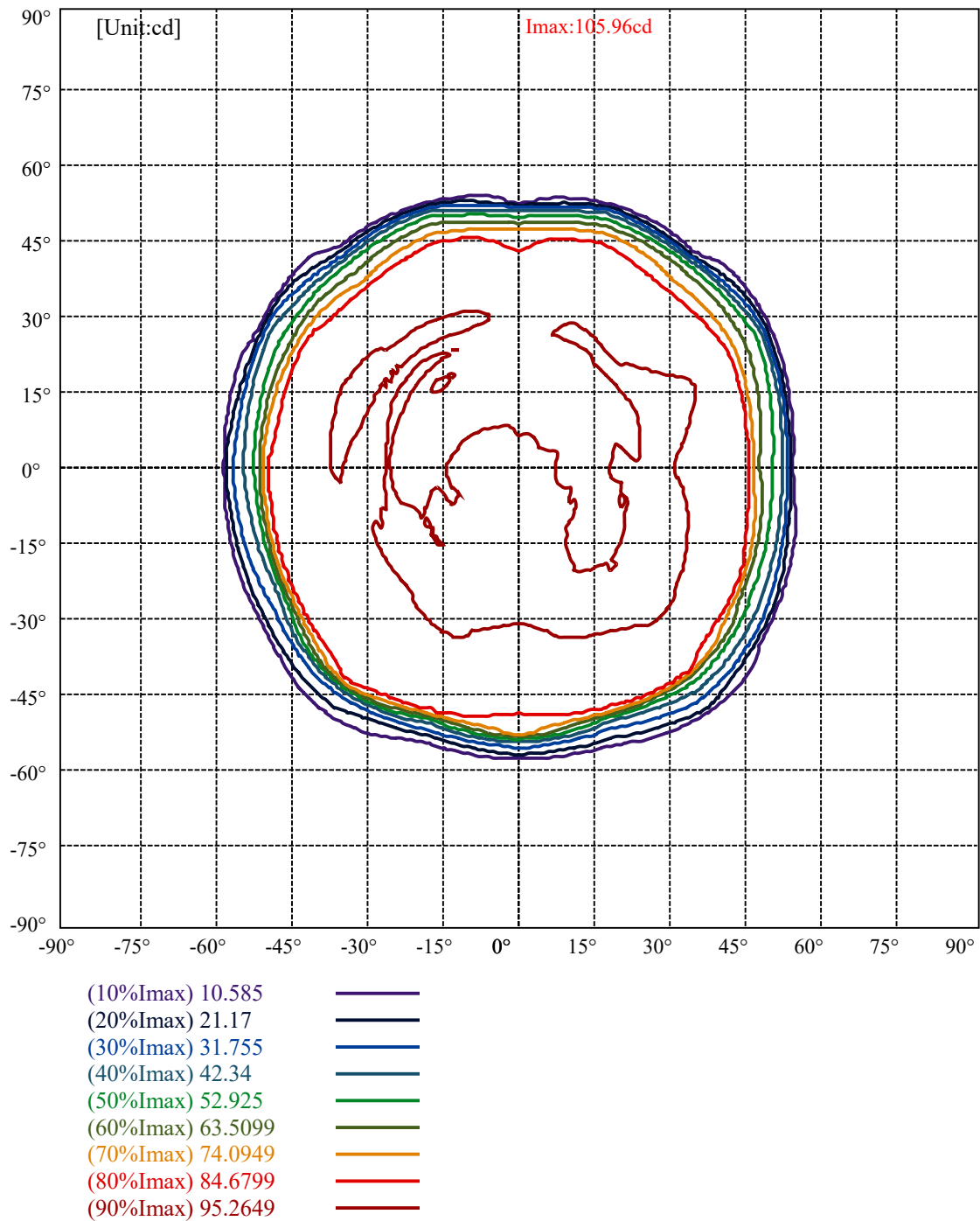
ZONAL LUMEN SUMMARY

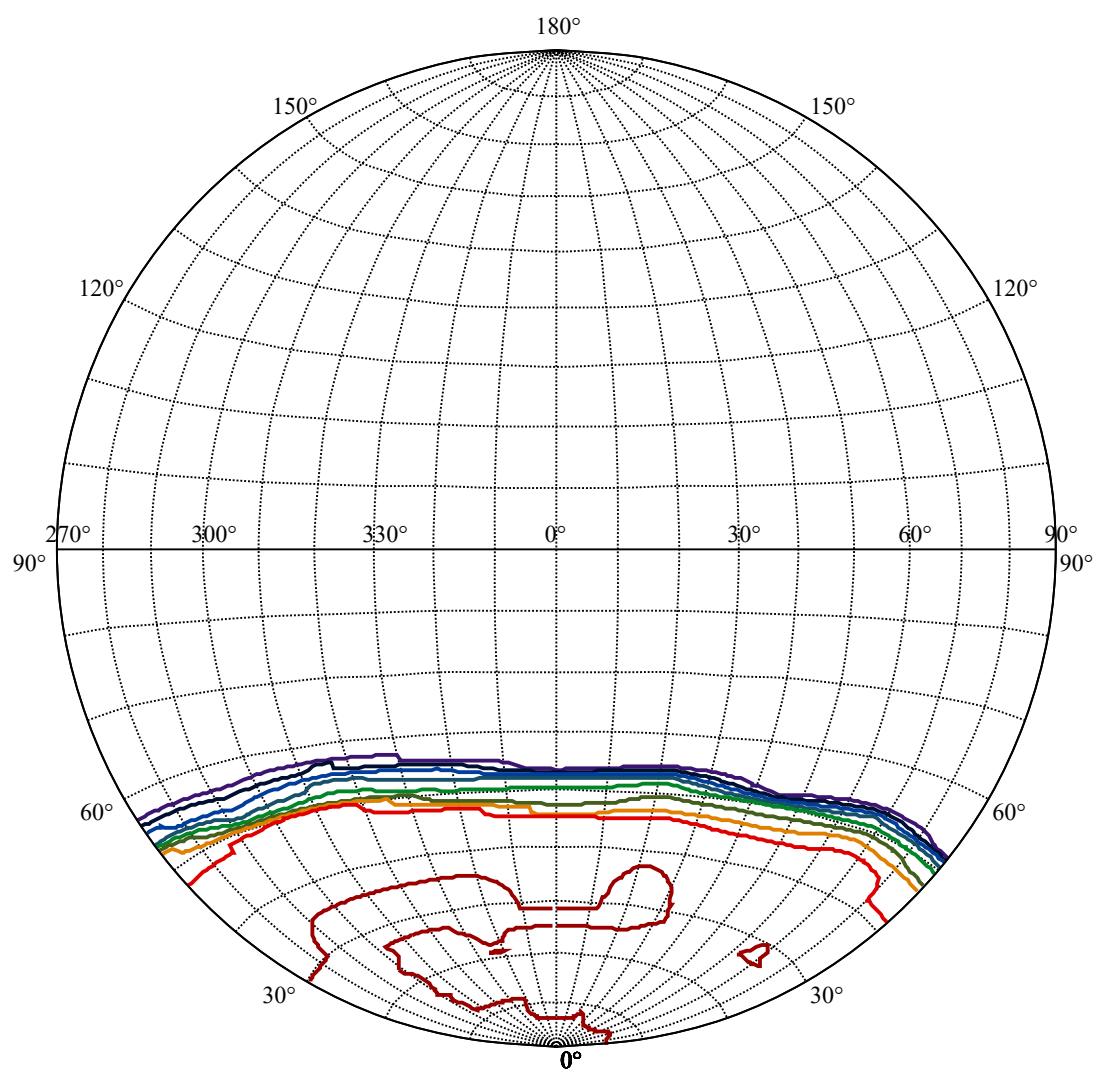
0-10	9.56
10-20	26.73
20-30	44.22
30-40	59.13
40-50	65.47
50-60	20.91
60-70	2.71
70-80	1.50
80-90	0.98
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





Max , Ave Beam angle of C202.5 plane 102.82





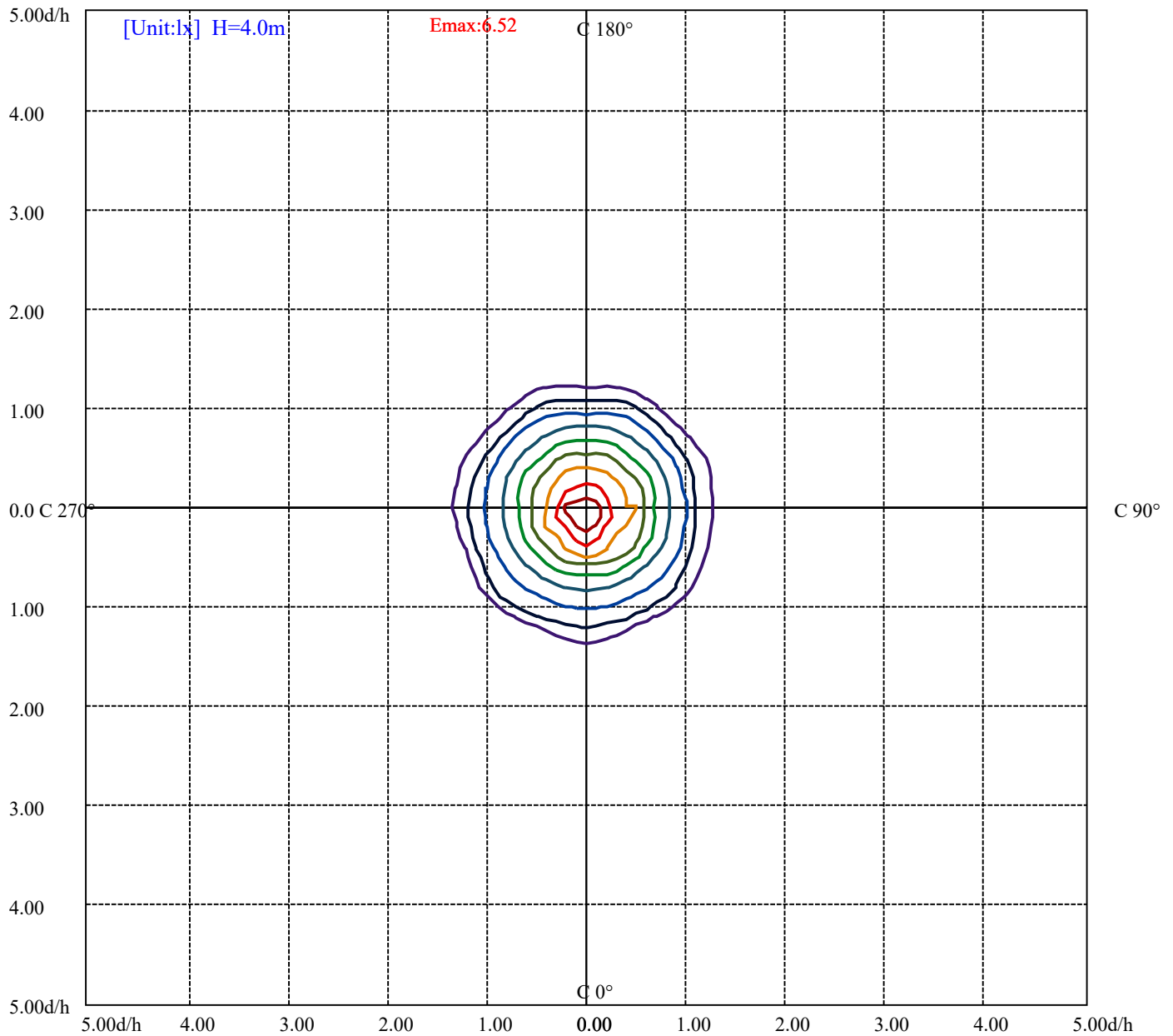
House

[Unit:cd]

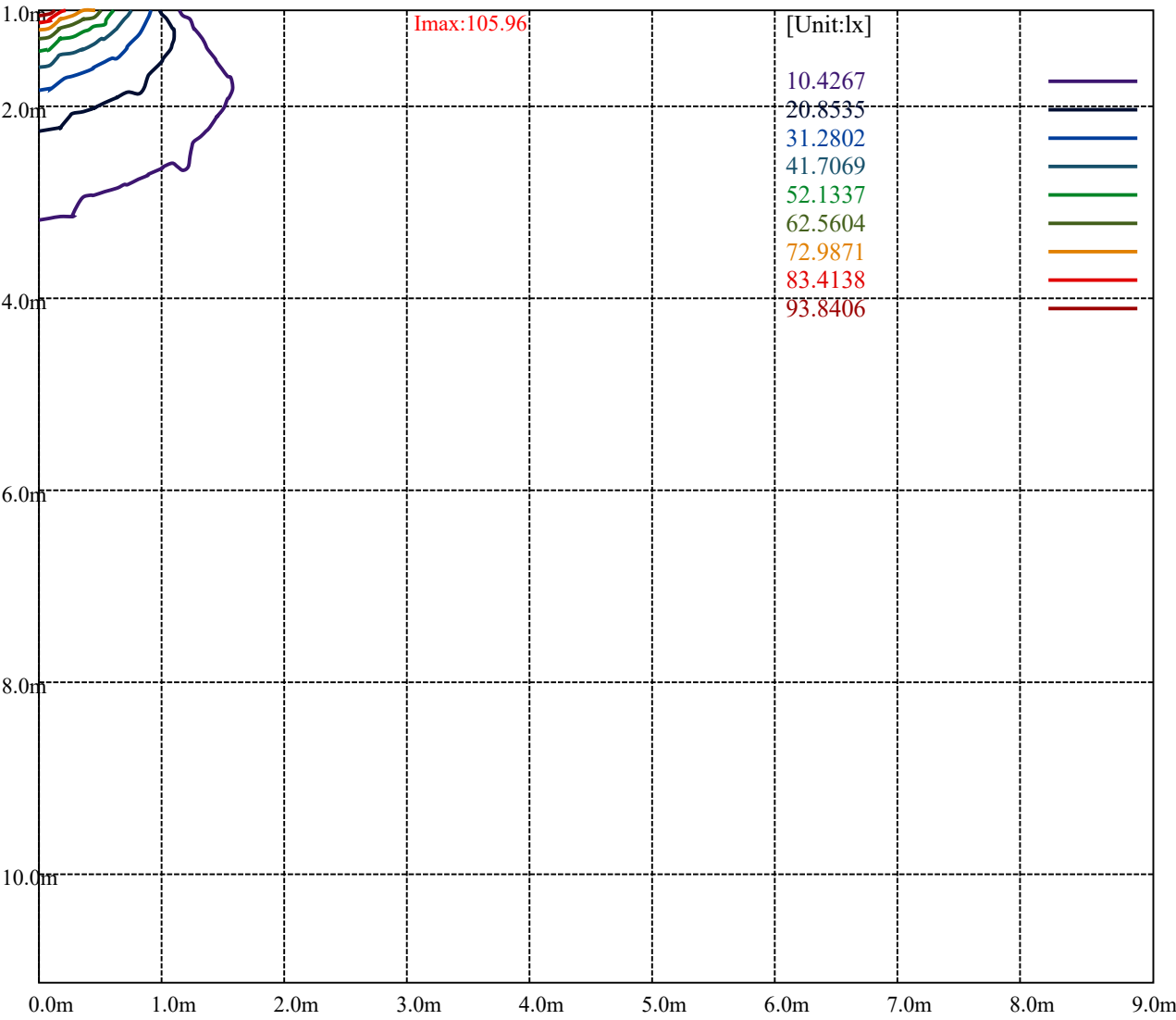
Road

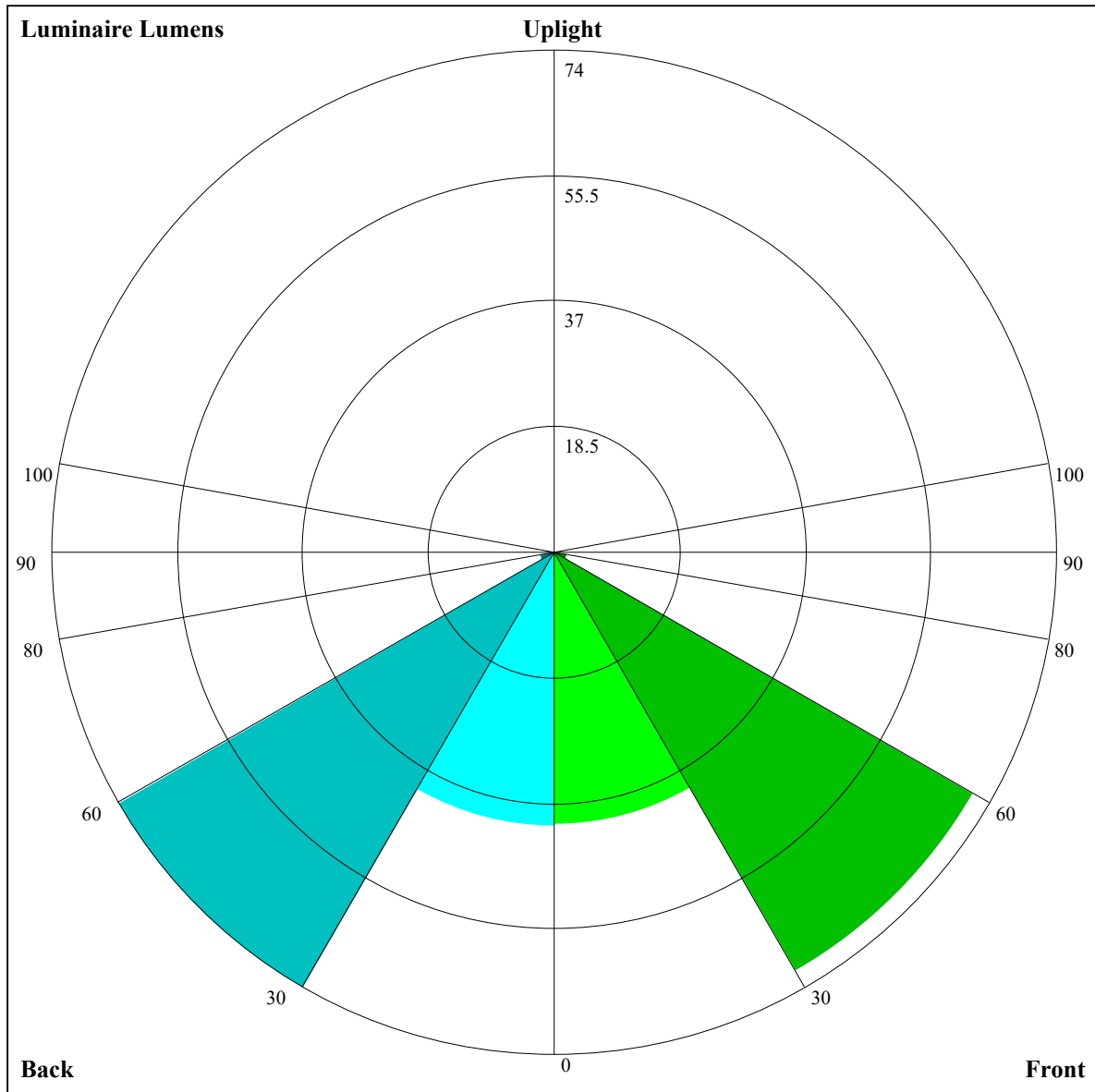
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(10%Imax)	10.589	—
(20%Imax)	21.1781	—
(30%Imax)	31.7671	—
(40%Imax)	42.3562	—
(50%Imax)	52.9452	—
(60%Imax)	63.5343	—
(70%Imax)	74.1233	—
(80%Imax)	84.7124	—
(90%Imax)	95.3014	—



(10%Emax) 0.6516687	—
(20%Emax) 1.303337	—
(30%Emax) 1.955006	—
(40%Emax) 2.606675	—
(50%Emax) 3.258344	—
(60%Emax) 3.910012	—
(70%Emax) 4.561681	—
(80%Emax) 5.213356	—
(90%Emax) 5.865025	—





Luminaire Lumens:

FL=40.21,FM=71.35,FH=2.07,FVH=0.45

BL=40.38,BM=74,BH=2.15,BVH=0.46

UL=0,UH=0

BUG Rating:B0-U0-G0

TroyCSL Lighting B2361CR

Intensity data(cd)										Appendix Page: 15 Total:21	
C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0		
0.0	104.27	104.02	103.00	100.37	99.35	97.98	96.95	95.81	93.19		
22.5	104.27	104.71	104.14	103.34	101.74	99.46	98.32	96.38	95.47		
45.0	104.27	103.45	102.31	100.83	97.18	96.95	93.99	91.71	92.39		
67.5	104.27	103.91	103.57	102.31	100.83	99.46	97.98	94.79	91.59		
90.0	104.27	103.68	103.23	101.06	99.58	97.41	95.70	93.99	93.87		
112.5	104.27	104.25	104.02	103.45	103.00	102.54	100.83	99.23	96.84		
135.0	104.27	104.37	103.91	103.91	103.23	102.77	102.09	100.26	96.04		
157.5	104.27	104.48	104.82	104.82	103.91	103.68	104.48	103.00	102.66		
180.0	104.27	104.82	105.28	105.62	105.39	104.82	105.05	104.02	102.88		
202.5	104.27	105.62	105.96	105.05	105.39	104.02	103.00	101.52	101.86		
225.0	104.27	104.60	104.94	105.51	105.17	105.28	105.74	104.37	104.02		
247.5	104.27	104.25	104.94	105.28	105.05	104.71	104.48	104.14	104.25		
270.0	104.27	104.14	104.60	104.60	104.37	104.60	105.85	105.74	105.39		
292.5	104.27	104.48	105.51	105.51	104.48	104.25	104.25	103.00	102.54		
315.0	104.27	104.25	104.48	104.94	104.94	103.23	103.57	101.86	99.35		
337.5	104.27	104.14	103.80	103.23	101.52	99.35	99.12	96.15	95.36		
360.0	104.27	104.02	103.00	100.37	99.35	97.98	96.95	95.81	93.19		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	93.30	91.36	90.91	93.76	92.85	93.42	92.50	87.83	91.36		
22.5	94.90	92.50	92.50	89.88	89.08	91.02	92.28	92.85	89.31		
45.0	91.82	91.48	92.16	89.54	88.40	89.31	91.93	94.67	93.76		
67.5	92.28	91.36	92.62	92.39	91.82	90.45	92.39	91.02	92.39		
90.0	93.42	92.62	89.20	88.28	91.71	91.82	88.74	90.11	89.08		
112.5	94.90	92.50	93.87	90.34	90.79	92.28	92.05	88.40	90.45		
135.0	96.61	96.15	92.85	89.88	89.88	89.31	89.31	90.79	91.93		
157.5	100.26	100.60	99.69	96.72	92.50	91.48	91.93	91.59	91.14		
180.0	101.97	101.86	99.80	98.78	98.21	95.81	92.62	91.82	92.05		
202.5	101.06	100.15	99.35	96.61	95.01	94.44	94.44	97.30	97.87		
225.0	102.43	101.17	100.49	99.35	98.89	97.52	97.07	96.61	95.70		
247.5	104.14	102.66	99.69	101.40	100.15	99.80	98.89	98.21	97.87		
270.0	104.37	103.23	103.23	102.20	102.77	102.66	102.66	102.77	102.20		
292.5	102.31	100.72	101.52	101.06	99.80	99.23	97.98	99.46	97.07		
315.0	100.26	97.07	96.95	95.93	96.84	96.15	93.99	92.85	92.50		
337.5	95.13	95.24	95.58	93.99	95.01	92.96	94.67	95.13	91.59		
360.0	93.30	91.36	90.91	93.76	92.85	93.42	92.50	87.83	91.36		
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0		
0.0	95.93	96.84	96.72	96.61	96.15	95.81	95.58	96.84	97.30		
22.5	91.25	94.33	94.10	93.07	92.50	91.93	94.56	94.90	95.70		
45.0	91.25	91.71	93.87	90.00	89.77	92.05	94.22	96.15	96.15		
67.5	90.68	91.71	88.40	89.54	91.36	92.96	94.90	93.99	94.10		
90.0	89.77	92.16	89.65	92.16	92.39	91.71	92.85	93.30	94.33		
112.5	89.54	91.02	92.85	92.16	94.33	91.14	93.87	95.01	95.24		
135.0	92.73	93.07	93.87	95.36	96.72	95.81	93.99	93.65	96.04		
157.5	91.48	90.57	89.54	89.42	91.14	92.16	94.22	94.56	97.64		
180.0	89.77	92.28	91.14	93.99	91.36	88.06	88.85	95.13	95.70		
202.5	97.30	95.24	95.36	95.13	95.58	97.30	97.87	98.32	97.98		
225.0	95.13	95.58	95.47	95.24	95.24	95.36	95.36	95.58	96.50		
247.5	97.52	97.18	97.52	97.64	98.32	98.55	98.78	98.78	97.98		
270.0	102.20	101.97	101.74	101.63	101.74	101.97	100.95	100.72	100.26		
292.5	98.09	98.44	98.32	98.44	96.84	96.61	97.98	99.23	99.01		
315.0	91.82	90.45	90.11	88.63	92.16	92.05	92.85	95.24	94.79		
337.5	92.96	92.05	91.82	95.93	94.33	96.04	96.38	96.95	99.01		
360.0	95.93	96.84	96.72	96.61	96.15	95.81	95.58	96.84	97.30		

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Intensity data(cd)										Appendix Page: 16 Total:21	
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	98.09	97.07	96.04	95.81	94.67	94.33	93.53	92.73	92.28		
22.5	96.95	98.66	98.89	98.44	98.44	97.75	97.64	97.41	96.84		
45.0	95.93	95.01	94.79	93.87	93.07	92.39	91.36	90.11	89.77		
67.5	96.50	95.81	95.81	95.36	95.01	94.56	94.33	93.76	93.30		
90.0	93.87	93.65	93.30	92.85	92.39	92.50	91.71	91.25	90.57		
112.5	93.53	93.42	95.93	98.21	97.18	95.58	94.67	94.33	93.87		
135.0	96.15	95.01	92.85	96.15	95.36	95.36	96.15	94.33	94.10		
157.5	95.36	95.24	93.76	95.24	94.67	97.75	97.75	97.41	98.09		
180.0	91.82	92.05	91.59	92.39	91.82	92.50	93.87	95.01	95.58		
202.5	96.27	97.07	95.13	96.04	95.24	94.67	94.56	93.87	93.99		
225.0	96.15	96.38	96.38	96.04	95.58	94.90	95.13	94.90	94.44		
247.5	97.64	97.18	97.30	96.95	96.95	96.84	95.81	95.70	95.58		
270.0	99.35	98.21	97.41	95.70	94.79	93.87	93.53	93.65	93.42		
292.5	98.78	98.21	98.44	97.87	97.64	97.18	96.84	96.27	95.58		
315.0	95.01	97.18	97.52	98.66	98.55	98.55	98.55	97.98	97.64		
337.5	99.58	100.72	99.92	99.58	99.12	98.55	97.98	97.18	96.04		
360.0	98.09	97.07	96.04	95.81	94.67	94.33	93.53	92.73	92.28		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	92.05	91.82	91.59	91.14	90.68	90.45	90.00	89.88	89.20		
22.5	96.38	95.81	94.90	94.56	93.42	92.73	92.16	91.14	90.45		
45.0	89.31	88.74	88.63	88.51	88.28	87.94	87.60	87.49	85.66		
67.5	93.30	93.19	92.50	91.93	91.48	91.36	91.02	90.57	90.22		
90.0	90.00	89.31	88.51	86.69	86.35	85.55	84.98	83.95	83.15		
112.5	93.53	93.30	92.85	92.05	91.14	90.45	90.00	90.11	89.31		
135.0	93.42	92.85	92.39	92.05	91.82	91.36	90.79	89.54	89.88		
157.5	97.41	95.58	95.01	94.56	94.44	93.53	92.73	92.16	91.48		
180.0	95.47	95.24	94.79	94.10	93.87	92.73	90.79	91.82	90.57		
202.5	93.87	93.53	93.19	92.85	92.62	92.28	91.25	91.14	90.22		
225.0	93.87	93.76	93.42	93.30	92.62	92.85	92.96	92.39	92.28		
247.5	94.44	94.33	93.42	92.50	91.93	91.14	90.22	89.77	88.97		
270.0	92.50	92.05	91.59	91.14	90.57	90.45	89.88	89.20	88.28		
292.5	94.56	93.76	92.73	92.28	91.82	91.02	90.57	89.88	89.08		
315.0	96.61	96.50	95.93	95.81	94.79	94.33	94.10	93.53	92.96		
337.5	95.13	95.01	94.44	94.44	94.67	94.44	93.99	93.65	93.87		
360.0	92.05	91.82	91.59	91.14	90.68	90.45	90.00	89.88	89.20		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	87.26	73.11	63.19	60.22	56.00	51.67	46.20	40.15	27.83		
22.5	89.20	83.95	74.94	69.35	65.81	60.22	57.03	51.78	38.55		
45.0	78.82	74.82	69.81	67.07	61.37	52.13	39.12	12.77	4.68		
67.5	88.97	85.77	82.12	76.08	67.64	60.11	51.56	44.26	23.38		
90.0	82.70	80.30	70.15	62.28	53.50	45.05	33.99	4.68	4.45		
112.5	88.28	87.49	81.67	74.60	69.81	63.42	55.32	51.33	33.42		
135.0	85.55	75.40	69.01	65.24	58.86	54.98	45.17	30.23	16.77		
157.5	90.57	90.34	89.88	78.47	71.17	60.45	54.75	51.78	46.54		
180.0	88.74	87.83	87.37	86.69	86.23	77.33	58.86	52.35	46.65		
202.5	89.31	88.97	88.40	87.60	86.12	70.72	50.99	38.90	36.04		
225.0	92.50	92.28	91.82	91.36	90.68	89.88	89.20	80.98	48.82		
247.5	88.51	87.83	86.69	86.69	85.89	85.20	62.51	42.55	35.93		
270.0	87.60	86.80	85.55	84.86	83.72	82.92	82.01	81.78	56.80		
292.5	88.74	87.94	87.26	86.57	86.35	79.73	55.43	40.49	33.65		
315.0	92.73	92.05	91.36	91.14	90.57	87.83	61.82	54.52	45.74		
337.5	93.53	93.07	91.36	74.94	59.54	54.86	51.33	44.37	40.49		
360.0	87.26	73.11	63.19	60.22	56.00	51.67	46.20	40.15	27.83		

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Intensity data(cd)										Appendix Page: 17 Total:21	
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0		
0.0	5.13	4.56	4.45	4.11	3.88	3.65	3.42	3.31	3.08		
22.5	20.65	5.02	4.45	4.33	4.11	3.76	3.42	3.42	3.19		
45.0	4.33	4.11	3.76	3.65	3.42	3.19	2.97	2.85	2.62		
67.5	5.02	4.22	3.99	3.88	3.65	3.42	3.19	2.97	2.74		
90.0	4.11	3.88	3.65	3.54	3.31	3.08	2.85	2.74	2.51		
112.5	9.35	4.56	4.22	4.11	3.76	3.54	3.42	3.08	2.97		
135.0	4.68	4.22	4.11	3.88	3.65	3.42	3.19	3.08	2.85		
157.5	41.06	28.74	6.05	4.56	4.33	3.99	3.88	3.54	3.42		
180.0	41.86	38.67	32.05	27.49	5.36	4.33	4.11	3.88	3.65		
202.5	29.43	26.23	19.85	4.56	4.22	3.99	3.76	3.65	3.42		
225.0	35.59	27.37	23.61	19.85	11.63	4.56	4.11	3.88	3.88		
247.5	27.03	16.88	8.90	4.68	4.45	4.11	3.76	3.65	3.42		
270.0	38.21	31.94	23.50	10.72	5.47	4.79	4.56	4.22	3.88		
292.5	26.80	21.56	15.85	5.02	4.79	4.22	3.88	3.76	3.42		
315.0	40.83	33.76	27.37	23.15	5.47	4.56	4.33	4.11	3.76		
337.5	34.33	23.72	5.02	4.56	4.33	4.11	3.65	3.65	3.31		
360.0	5.13	4.56	4.45	4.11	3.88	3.65	3.42	3.31	3.08		
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0		
0.0	2.85	2.62	2.51	2.28	2.17	2.05	1.94	1.82	1.71		
22.5	2.97	2.74	2.62	2.40	2.28	2.17	2.05	1.94	1.71		
45.0	2.51	2.28	2.17	2.05	1.94	1.71	1.71	1.48	1.48		
67.5	2.62	2.40	2.28	2.17	2.05	1.94	1.82	1.71	1.60		
90.0	2.40	2.28	2.05	2.05	1.82	1.71	1.60	1.48	1.37		
112.5	2.74	2.51	2.40	2.28	2.17	2.05	1.82	1.71	1.60		
135.0	2.62	2.51	2.28	2.17	2.05	1.94	1.82	1.60	1.48		
157.5	3.19	2.97	2.74	2.51	2.40	2.28	2.05	1.94	1.71		
180.0	3.42	3.19	3.08	2.85	2.62	2.40	2.28	2.17	2.05		
202.5	3.31	3.08	2.85	2.74	2.51	2.28	2.17	2.05	1.94		
225.0	3.54	3.31	3.19	2.97	2.74	2.62	2.40	2.40	2.17		
247.5	3.31	3.08	2.85	2.74	2.62	2.40	2.28	2.05	2.05		
270.0	3.65	3.42	3.31	3.08	2.97	2.74	2.51	2.40	2.17		
292.5	3.31	3.08	2.97	2.85	2.62	2.51	2.28	2.17	2.05		
315.0	3.54	3.31	3.31	3.08	2.85	2.62	2.51	2.40	2.17		
337.5	3.19	2.97	2.74	2.62	2.40	2.28	2.17	1.94	1.94		
360.0	2.85	2.62	2.51	2.28	2.17	2.05	1.94	1.82	1.71		
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0		
0.0	1.48	1.37	1.37	1.25	1.25	1.14	1.03	1.03	1.03		
22.5	1.60	1.48	1.37	1.25	1.25	1.14	1.14	1.03	1.03		
45.0	1.37	1.25	1.14	1.14	1.14	1.03	1.03	1.03	1.03		
67.5	1.37	1.37	1.25	1.25	1.14	1.03	1.03	1.03	0.91		
90.0	1.37	1.25	1.14	1.14	1.03	1.03	1.03	0.91	0.91		
112.5	1.48	1.37	1.37	1.25	1.14	1.14	1.14	1.03	1.03		
135.0	1.37	1.37	1.25	1.14	1.14	1.03	1.03	0.91	1.03		
157.5	1.60	1.48	1.37	1.37	1.25	1.25	1.14	1.03	1.03		
180.0	1.94	1.71	1.60	1.60	1.37	1.25	1.25	1.14	1.14		
202.5	1.82	1.60	1.48	1.48	1.37	1.25	1.14	1.14	1.14		
225.0	2.05	1.94	1.71	1.71	1.48	1.37	1.37	1.25	1.14		
247.5	1.82	1.60	1.60	1.48	1.37	1.37	1.25	1.14	1.14		
270.0	2.05	2.05	1.82	1.71	1.60	1.48	1.37	1.37	1.25		
292.5	1.82	1.60	1.60	1.48	1.37	1.37	1.25	1.14	1.14		
315.0	2.05	1.94	1.71	1.60	1.48	1.37	1.37	1.25	1.14		
337.5	1.71	1.60	1.48	1.37	1.25	1.14	1.14	1.03	1.03		
360.0	1.48	1.37	1.37	1.25	1.25	1.14	1.03	1.03	1.03		

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Intensity data(cd)									Appendix Page: 18 Total:21		
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0		
0.0	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.80		
22.5	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
45.0	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
67.5	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.80		
90.0	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.80		
112.5	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
135.0	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
157.5	1.03	1.03	1.03	0.91	0.91	0.91	0.91	0.91	0.91		
180.0	1.03	1.03	1.03	0.91	0.91	0.91	0.91	0.91	0.91		
202.5	1.03	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
225.0	1.14	1.03	1.14	1.03	0.91	0.91	0.91	0.91	0.91		
247.5	1.14	1.03	1.03	0.91	0.91	0.91	0.91	0.91	0.91		
270.0	1.14	1.14	1.03	1.03	1.03	0.91	0.91	0.91	0.91		
292.5	1.14	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91		
315.0	1.03	1.03	1.03	1.03	0.91	1.03	0.91	0.91	0.91		
337.5	1.03	1.03	1.03	0.91	0.91	0.91	0.91	0.91	0.91		
360.0	1.03	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.80		
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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		

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Intensity data(cd)										Appendix Page: 19 Total:21	
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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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(°)	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		

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Intensity data(cd)										Appendix Page: 20 Total:21	
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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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(°)	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		

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Intensity data(cd)									Appendix Page: 21 Total:21		
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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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		
22.5	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		
67.5	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		
112.5	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		
157.5	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		
202.5	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		
247.5	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		
292.5	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		
337.5	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(°)	180.0										
0.0	0.00										
22.5	0.00										
45.0	0.00										
67.5	0.00										
90.0	0.00										
112.5	0.00										
135.0	0.00										
157.5	0.00										
180.0	0.00										
202.5	0.00										
225.0	0.00										
247.5	0.00										
270.0	0.00										
292.5	0.00										
315.0	0.00										
337.5	0.00										
360.0	0.00										