

Report No	:	Voltage	:	V
Test No	:	Current	:	A
LumCAT	:	Power	:	75.000 W
Luminaire	:		:	
LampCAT	:	Ballast type	:	
Lamp flux	:	Width	:	169 mm
Number of Lamps	:	Length	:	249 mm
Phm Type	:	Height	:	0 mm

Photometric Results

Lumens(lm)	: 9000.00	Central intensity(cd)	: 3489.833
Efficiency(%)	: 100.00%	Maximum intensity(cd)	: 3495.408
Luminous Efficacy(lm/W)	: 120.00	Angle of maximum intensity	: C=120.0 γ =1.0
IES Classification	: TypeII	Max Cd(At 90°Vert)	: 13.938
Longitudinal Classification	: VeryShort	Max Cd(80 to 90°Vert)	: 149.682
Cut Off Classification	: FullCutoff		
Beam Angle(50%Imax)	: [C0/180]Total=107.2 [C90/270]Total=109.6		
Field angle(10%Imax)	: [C0/180]Total=144.8 [C90/270]Total=146.0		
Street Side UpWard Lumens	: 0.00%of Lamp 0.00%of Luminaire		
Street Side DownWard Lumens	: 50.00%of Lamp 50.00%of Luminaire		
House Side UpWard Lumens	: 0.00%of Lamp 0.00%of Luminaire		
House Side DownWard Lumens	: 50.00%of Lamp 50.00%of Luminaire		
SLI: 5.280 (C Flash Area: 0.010), Throw: 102.8 (long), Spread: 25.2 (narrow), Control: 5.280 (tight)			

Zonal flux distribution table

Appendix Page: 2 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	3489.833	0.000	0	0.00%	0.00%
0.5	3489.833	0.835	0.835	0.01%	0.01%
1.0	3489.651	2.505	3.34	0.03%	0.04%
1.5	3489.550	4.174	7.514	0.05%	0.08%
2.0	3488.439	5.842	13.356	0.06%	0.15%
2.5	3486.621	7.507	20.863	0.08%	0.23%
3.0	3485.308	9.170	30.034	0.10%	0.33%
3.5	3482.076	10.829	40.863	0.12%	0.45%
4.0	3479.147	12.482	53.345	0.14%	0.59%
4.5	3477.329	14.134	67.478	0.16%	0.75%
5.0	3475.107	15.784	83.262	0.18%	0.93%
5.5	3470.764	17.424	100.686	0.19%	1.12%
6.0	3467.128	19.056	119.742	0.21%	1.33%
6.5	3463.290	20.685	140.427	0.23%	1.56%
7.0	3460.765	22.312	162.739	0.25%	1.81%
7.5	3457.331	23.935	186.674	0.27%	2.07%
8.0	3453.594	25.550	212.224	0.28%	2.36%
8.5	3449.251	27.155	239.379	0.30%	2.66%
9.0	3444.504	28.751	268.13	0.32%	2.98%
9.5	3438.747	30.333	298.463	0.34%	3.32%
10.0	3434.404	31.911	330.374	0.35%	3.67%
10.5	3429.556	33.485	363.859	0.37%	4.04%
11.0	3423.597	35.045	398.904	0.39%	4.43%
11.5	3417.335	36.589	435.492	0.41%	4.84%
12.0	3410.871	38.121	473.614	0.42%	5.26%
12.5	3404.710	39.646	513.26	0.44%	5.70%
13.0	3397.943	41.160	554.419	0.46%	6.16%
13.5	3391.883	42.665	597.084	0.47%	6.63%
14.0	3384.712	44.158	641.242	0.49%	7.12%
14.5	3376.935	45.630	686.873	0.51%	7.63%
15.0	3368.552	47.084	733.956	0.52%	8.16%
15.5	3361.684	48.533	782.489	0.54%	8.69%
16.0	3352.493	49.965	832.454	0.56%	9.25%
16.5	3342.696	51.363	883.817	0.57%	9.82%
17.0	3335.424	52.764	936.581	0.59%	10.41%
17.5	3325.425	54.152	990.732	0.60%	11.01%
18.0	3315.729	55.507	1046.239	0.62%	11.62%
18.5	3307.649	56.865	1103.104	0.63%	12.26%

Zonal flux distribution table

Appendix Page: 3 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
19.0	3298.862	58.219	1161.324	0.65%	12.90%
19.5	3288.459	59.540	1220.864	0.66%	13.57%
20.0	3277.450	60.828	1281.692	0.68%	14.24%
20.5	3265.027	62.081	1343.773	0.69%	14.93%
21.0	3253.412	63.314	1407.087	0.70%	15.63%
21.5	3242.605	64.547	1471.634	0.72%	16.35%
22.0	3230.182	65.757	1537.391	0.73%	17.08%
22.5	3221.092	66.970	1604.361	0.74%	17.83%
23.0	3207.558	68.156	1672.516	0.76%	18.58%
23.5	3196.145	69.301	1741.818	0.77%	19.35%
24.0	3182.611	70.431	1812.249	0.78%	20.14%
24.5	3170.895	71.541	1883.79	0.79%	20.93%
25.0	3156.654	72.626	1956.416	0.81%	21.74%
25.5	3142.514	73.666	2030.082	0.82%	22.56%
26.0	3129.385	74.702	2104.784	0.83%	23.39%
26.5	3112.416	75.685	2180.469	0.84%	24.23%
27.0	3099.488	76.653	2257.122	0.85%	25.08%
27.5	3083.530	77.614	2334.736	0.86%	25.94%
28.0	3075.248	78.617	2413.353	0.87%	26.82%
28.5	3056.563	79.568	2492.921	0.88%	27.70%
29.0	3041.514	80.413	2573.334	0.89%	28.59%
29.5	3024.445	81.258	2654.592	0.90%	29.50%
30.0	3011.315	82.111	2736.703	0.91%	30.41%
30.5	2991.721	82.909	2819.612	0.92%	31.33%
31.0	2976.572	83.660	2903.271	0.93%	32.26%
31.5	2955.664	84.371	2987.642	0.94%	33.20%
32.0	2936.777	85.007	3072.649	0.94%	34.14%
32.5	2923.950	85.738	3158.387	0.95%	35.09%
33.0	2902.336	86.410	3244.797	0.96%	36.05%
33.5	2888.802	87.051	3331.848	0.97%	37.02%
34.0	2873.349	87.765	3419.613	0.98%	38.00%
34.5	2855.977	88.401	3508.014	0.98%	38.98%
35.0	2832.747	88.896	3596.91	0.99%	39.97%
35.5	2814.971	89.362	3686.272	0.99%	40.96%
36.0	2790.529	89.786	3776.058	1.00%	41.96%
36.5	2772.652	90.185	3866.243	1.00%	42.96%
37.0	2754.876	90.670	3956.913	1.01%	43.97%
37.5	2725.283	90.940	4047.853	1.01%	44.98%

Zonal flux distribution table

Appendix Page: 4 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	2708.719	91.206	4139.059	1.01%	45.99%
38.5	2686.701	91.575	4230.634	1.02%	47.01%
39.0	2669.632	91.915	4322.549	1.02%	48.03%
39.5	2642.564	92.145	4414.693	1.02%	49.05%
40.0	2623.980	92.325	4507.019	1.03%	50.08%
40.5	2595.700	92.460	4599.479	1.03%	51.11%
41.0	2575.096	92.535	4692.014	1.03%	52.13%
41.5	2546.715	92.583	4784.598	1.03%	53.16%
42.0	2524.394	92.575	4877.173	1.03%	54.19%
42.5	2502.073	92.654	4969.827	1.03%	55.22%
43.0	2471.773	92.562	5062.389	1.03%	56.25%
43.5	2452.583	92.502	5154.891	1.03%	57.28%
44.0	2425.616	92.482	5247.373	1.03%	58.30%
44.5	2405.517	92.421	5339.793	1.03%	59.33%
45.0	2374.106	92.251	5432.044	1.03%	60.36%
45.5	2352.593	92.029	5524.074	1.02%	61.38%
46.0	2310.274	91.568	5615.642	1.02%	62.40%
46.5	2280.580	90.917	5706.559	1.01%	63.41%
47.0	2255.027	90.570	5797.129	1.01%	64.41%
47.5	2227.454	90.240	5887.369	1.00%	65.42%
48.0	2205.133	89.952	5977.322	1.00%	66.41%
48.5	2172.207	89.532	6066.854	0.99%	67.41%
49.0	2143.220	88.950	6155.803	0.99%	68.40%
49.5	2109.486	88.324	6244.128	0.98%	69.38%
50.0	2083.327	87.732	6331.86	0.97%	70.35%
50.5	2043.432	86.985	6418.844	0.97%	71.32%
51.0	2009.193	86.039	6504.883	0.96%	72.28%
51.5	1968.288	85.042	6589.925	0.94%	73.22%
52.0	1933.140	83.997	6673.922	0.93%	74.15%
52.5	1894.760	82.978	6756.9	0.92%	75.08%
53.0	1845.876	81.631	6838.531	0.91%	75.98%
53.5	1814.667	80.410	6918.942	0.89%	76.88%
54.0	1770.530	79.265	6998.207	0.88%	77.76%
54.5	1737.806	78.059	7076.266	0.87%	78.63%
55.0	1684.579	76.622	7152.889	0.85%	79.48%
55.5	1649.027	75.092	7227.981	0.83%	80.31%
56.0	1594.992	73.514	7301.495	0.82%	81.13%
56.5	1554.491	71.793	7373.288	0.80%	81.93%

Zonal flux distribution table

Appendix Page: 5 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
57.0	1496.315	69.946	7443.234	0.78%	82.70%
57.5	1453.390	68.013	7511.247	0.76%	83.46%
58.0	1410.061	66.392	7577.639	0.74%	84.20%
58.5	1352.794	64.410	7642.049	0.72%	84.91%
59.0	1317.646	62.589	7704.638	0.70%	85.61%
59.5	1267.247	60.903	7765.541	0.68%	86.28%
60.0	1232.705	59.205	7824.746	0.66%	86.94%
60.5	1176.246	57.338	7882.084	0.64%	87.58%
61.0	1129.988	55.165	7937.249	0.61%	88.19%
61.5	1088.275	53.318	7990.567	0.59%	88.78%
62.0	1048.885	51.613	8042.179	0.57%	89.36%
62.5	997.072	49.640	8091.819	0.55%	89.91%
63.0	953.036	47.530	8139.349	0.53%	90.44%
63.5	921.524	45.892	8185.241	0.51%	90.95%
64.0	873.751	44.143	8229.383	0.49%	91.44%
64.5	844.764	42.435	8271.819	0.47%	91.91%
65.0	798.203	40.739	8312.558	0.45%	92.36%
65.5	776.488	39.205	8351.763	0.44%	92.80%
66.0	732.755	37.726	8389.489	0.42%	93.22%
66.5	706.495	36.116	8425.605	0.40%	93.62%
67.0	656.399	34.330	8459.935	0.38%	94.00%
67.5	632.765	32.593	8492.529	0.36%	94.36%
68.0	599.435	31.266	8523.795	0.35%	94.71%
68.5	564.186	29.630	8553.425	0.33%	95.04%
69.0	542.875	28.287	8581.712	0.31%	95.35%
69.5	513.484	27.082	8608.794	0.30%	95.65%
70.0	493.082	25.890	8634.684	0.29%	95.94%
70.5	461.469	24.630	8659.314	0.27%	96.21%
71.0	444.097	23.438	8682.752	0.26%	96.48%
71.5	413.999	22.277	8705.029	0.25%	96.72%
72.0	393.193	21.016	8726.045	0.23%	96.96%
72.5	366.428	19.834	8745.879	0.22%	97.18%
73.0	342.794	18.569	8764.448	0.21%	97.38%
73.5	326.735	17.577	8782.025	0.20%	97.58%
74.0	308.555	16.721	8798.746	0.19%	97.76%
74.5	291.789	15.841	8814.587	0.18%	97.94%
75.0	274.619	14.982	8829.568	0.17%	98.11%
75.5	259.873	14.170	8843.739	0.16%	98.26%

Zonal flux distribution table

Appendix Page: 6 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	239.471	13.269	8857.007	0.15%	98.41%
76.5	226.341	12.404	8869.412	0.14%	98.55%
77.0	207.555	11.579	8880.991	0.13%	98.68%
77.5	195.233	10.770	8891.761	0.12%	98.80%
78.0	179.982	10.052	8901.813	0.11%	98.91%
78.5	167.155	9.318	8911.131	0.10%	99.01%
79.0	157.257	8.723	8919.854	0.10%	99.11%
79.5	143.824	8.109	8927.963	0.09%	99.20%
80.0	135.744	7.542	8935.505	0.08%	99.28%
80.5	122.816	6.986	8942.492	0.08%	99.36%
81.0	117.766	6.510	8949.002	0.07%	99.43%
81.5	105.747	6.056	8955.058	0.07%	99.50%
82.0	98.677	5.546	8960.604	0.06%	99.56%
82.5	88.476	5.084	8965.688	0.06%	99.62%
83.0	81.911	4.634	8970.322	0.05%	99.67%
83.5	72.619	4.207	8974.529	0.05%	99.72%
84.0	64.539	3.738	8978.267	0.04%	99.76%
84.5	59.388	3.380	8981.648	0.04%	99.80%
85.0	52.116	3.044	8984.692	0.03%	99.83%
85.5	47.874	2.732	8987.424	0.03%	99.86%
86.0	39.996	2.402	8989.826	0.03%	99.89%
86.5	35.855	2.075	8991.901	0.02%	99.91%
87.0	28.179	1.753	8993.654	0.02%	99.93%
87.5	24.644	1.447	8995.1	0.02%	99.95%
88.0	19.796	1.217	8996.318	0.01%	99.96%
88.5	16.463	0.994	8997.311	0.01%	99.97%
89.0	13.534	0.822	8998.133	0.01%	99.98%
89.5	10.100	0.648	8998.781	0.01%	99.99%
90.0	8.383	0.507	8999.288	0.01%	99.99%
90.5	4.848	0.363	8999.651	0.00%	100.00%
91.0	3.030	0.216	8999.867	0.00%	100.00%
91.5	0.505	0.097	8999.964	0.00%	100.00%
92.0	0.404	0.025	8999.989	0.00%	100.00%
92.5	0.000	0.011	9000	0.00%	100.00%
93.0	0.000	0.000	9000	0.00%	100.00%
93.5	0.000	0.000	9000	0.00%	100.00%
94.0	0.000	0.000	9000	0.00%	100.00%
94.5	0.000	0.000	9000	0.00%	100.00%

Zonal flux distribution table

Appendix Page: 7 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
95.0	0.000	0.000	9000	0.00%	100.00%
95.5	0.000	0.000	9000	0.00%	100.00%
96.0	0.000	0.000	9000	0.00%	100.00%
96.5	0.000	0.000	9000	0.00%	100.00%
97.0	0.000	0.000	9000	0.00%	100.00%
97.5	0.000	0.000	9000	0.00%	100.00%
98.0	0.000	0.000	9000	0.00%	100.00%
98.5	0.000	0.000	9000	0.00%	100.00%
99.0	0.000	0.000	9000	0.00%	100.00%
99.5	0.000	0.000	9000	0.00%	100.00%
100.0	0.000	0.000	9000	0.00%	100.00%
100.5	0.000	0.000	9000	0.00%	100.00%
101.0	0.000	0.000	9000	0.00%	100.00%
101.5	0.000	0.000	9000	0.00%	100.00%
102.0	0.000	0.000	9000	0.00%	100.00%
102.5	0.000	0.000	9000	0.00%	100.00%
103.0	0.000	0.000	9000	0.00%	100.00%
103.5	0.000	0.000	9000	0.00%	100.00%
104.0	0.000	0.000	9000	0.00%	100.00%
104.5	0.000	0.000	9000	0.00%	100.00%
105.0	0.000	0.000	9000	0.00%	100.00%
105.5	0.000	0.000	9000	0.00%	100.00%
106.0	0.000	0.000	9000	0.00%	100.00%
106.5	0.000	0.000	9000	0.00%	100.00%
107.0	0.000	0.000	9000	0.00%	100.00%
107.5	0.000	0.000	9000	0.00%	100.00%
108.0	0.000	0.000	9000	0.00%	100.00%
108.5	0.000	0.000	9000	0.00%	100.00%
109.0	0.000	0.000	9000	0.00%	100.00%
109.5	0.000	0.000	9000	0.00%	100.00%
110.0	0.000	0.000	9000	0.00%	100.00%
110.5	0.000	0.000	9000	0.00%	100.00%
111.0	0.000	0.000	9000	0.00%	100.00%
111.5	0.000	0.000	9000	0.00%	100.00%
112.0	0.000	0.000	9000	0.00%	100.00%
112.5	0.000	0.000	9000	0.00%	100.00%
113.0	0.000	0.000	9000	0.00%	100.00%
113.5	0.000	0.000	9000	0.00%	100.00%

Zonal flux distribution table

Appendix Page: 8 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	9000	0.00%	100.00%
114.5	0.000	0.000	9000	0.00%	100.00%
115.0	0.000	0.000	9000	0.00%	100.00%
115.5	0.000	0.000	9000	0.00%	100.00%
116.0	0.000	0.000	9000	0.00%	100.00%
116.5	0.000	0.000	9000	0.00%	100.00%
117.0	0.000	0.000	9000	0.00%	100.00%
117.5	0.000	0.000	9000	0.00%	100.00%
118.0	0.000	0.000	9000	0.00%	100.00%
118.5	0.000	0.000	9000	0.00%	100.00%
119.0	0.000	0.000	9000	0.00%	100.00%
119.5	0.000	0.000	9000	0.00%	100.00%
120.0	0.000	0.000	9000	0.00%	100.00%
120.5	0.000	0.000	9000	0.00%	100.00%
121.0	0.000	0.000	9000	0.00%	100.00%
121.5	0.000	0.000	9000	0.00%	100.00%
122.0	0.000	0.000	9000	0.00%	100.00%
122.5	0.000	0.000	9000	0.00%	100.00%
123.0	0.000	0.000	9000	0.00%	100.00%
123.5	0.000	0.000	9000	0.00%	100.00%
124.0	0.000	0.000	9000	0.00%	100.00%
124.5	0.000	0.000	9000	0.00%	100.00%
125.0	0.000	0.000	9000	0.00%	100.00%
125.5	0.000	0.000	9000	0.00%	100.00%
126.0	0.000	0.000	9000	0.00%	100.00%
126.5	0.000	0.000	9000	0.00%	100.00%
127.0	0.000	0.000	9000	0.00%	100.00%
127.5	0.000	0.000	9000	0.00%	100.00%
128.0	0.000	0.000	9000	0.00%	100.00%
128.5	0.000	0.000	9000	0.00%	100.00%
129.0	0.000	0.000	9000	0.00%	100.00%
129.5	0.000	0.000	9000	0.00%	100.00%
130.0	0.000	0.000	9000	0.00%	100.00%
130.5	0.000	0.000	9000	0.00%	100.00%
131.0	0.000	0.000	9000	0.00%	100.00%
131.5	0.000	0.000	9000	0.00%	100.00%
132.0	0.000	0.000	9000	0.00%	100.00%
132.5	0.000	0.000	9000	0.00%	100.00%

Zonal flux distribution table

Appendix Page: 9 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
133.0	0.000	0.000	9000	0.00%	100.00%
133.5	0.000	0.000	9000	0.00%	100.00%
134.0	0.000	0.000	9000	0.00%	100.00%
134.5	0.000	0.000	9000	0.00%	100.00%
135.0	0.000	0.000	9000	0.00%	100.00%
135.5	0.000	0.000	9000	0.00%	100.00%
136.0	0.000	0.000	9000	0.00%	100.00%
136.5	0.000	0.000	9000	0.00%	100.00%
137.0	0.000	0.000	9000	0.00%	100.00%
137.5	0.000	0.000	9000	0.00%	100.00%
138.0	0.000	0.000	9000	0.00%	100.00%
138.5	0.000	0.000	9000	0.00%	100.00%
139.0	0.000	0.000	9000	0.00%	100.00%
139.5	0.000	0.000	9000	0.00%	100.00%
140.0	0.000	0.000	9000	0.00%	100.00%
140.5	0.000	0.000	9000	0.00%	100.00%
141.0	0.000	0.000	9000	0.00%	100.00%
141.5	0.000	0.000	9000	0.00%	100.00%
142.0	0.000	0.000	9000	0.00%	100.00%
142.5	0.000	0.000	9000	0.00%	100.00%
143.0	0.000	0.000	9000	0.00%	100.00%
143.5	0.000	0.000	9000	0.00%	100.00%
144.0	0.000	0.000	9000	0.00%	100.00%
144.5	0.000	0.000	9000	0.00%	100.00%
145.0	0.000	0.000	9000	0.00%	100.00%
145.5	0.000	0.000	9000	0.00%	100.00%
146.0	0.000	0.000	9000	0.00%	100.00%
146.5	0.000	0.000	9000	0.00%	100.00%
147.0	0.000	0.000	9000	0.00%	100.00%
147.5	0.000	0.000	9000	0.00%	100.00%
148.0	0.000	0.000	9000	0.00%	100.00%
148.5	0.000	0.000	9000	0.00%	100.00%
149.0	0.000	0.000	9000	0.00%	100.00%
149.5	0.000	0.000	9000	0.00%	100.00%
150.0	0.000	0.000	9000	0.00%	100.00%
150.5	0.000	0.000	9000	0.00%	100.00%
151.0	0.000	0.000	9000	0.00%	100.00%
151.5	0.000	0.000	9000	0.00%	100.00%

Zonal flux distribution table

Appendix Page: 10 Total:28

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	9000	0.00%	100.00%
152.5	0.000	0.000	9000	0.00%	100.00%
153.0	0.000	0.000	9000	0.00%	100.00%
153.5	0.000	0.000	9000	0.00%	100.00%
154.0	0.000	0.000	9000	0.00%	100.00%
154.5	0.000	0.000	9000	0.00%	100.00%
155.0	0.000	0.000	9000	0.00%	100.00%
155.5	0.000	0.000	9000	0.00%	100.00%
156.0	0.000	0.000	9000	0.00%	100.00%
156.5	0.000	0.000	9000	0.00%	100.00%
157.0	0.000	0.000	9000	0.00%	100.00%
157.5	0.000	0.000	9000	0.00%	100.00%
158.0	0.000	0.000	9000	0.00%	100.00%
158.5	0.000	0.000	9000	0.00%	100.00%
159.0	0.000	0.000	9000	0.00%	100.00%
159.5	0.000	0.000	9000	0.00%	100.00%
160.0	0.000	0.000	9000	0.00%	100.00%
160.5	0.000	0.000	9000	0.00%	100.00%
161.0	0.000	0.000	9000	0.00%	100.00%
161.5	0.000	0.000	9000	0.00%	100.00%
162.0	0.000	0.000	9000	0.00%	100.00%
162.5	0.000	0.000	9000	0.00%	100.00%
163.0	0.000	0.000	9000	0.00%	100.00%
163.5	0.000	0.000	9000	0.00%	100.00%
164.0	0.000	0.000	9000	0.00%	100.00%
164.5	0.000	0.000	9000	0.00%	100.00%
165.0	0.000	0.000	9000	0.00%	100.00%
165.5	0.000	0.000	9000	0.00%	100.00%
166.0	0.000	0.000	9000	0.00%	100.00%
166.5	0.000	0.000	9000	0.00%	100.00%
167.0	0.000	0.000	9000	0.00%	100.00%
167.5	0.000	0.000	9000	0.00%	100.00%
168.0	0.000	0.000	9000	0.00%	100.00%
168.5	0.000	0.000	9000	0.00%	100.00%
169.0	0.000	0.000	9000	0.00%	100.00%
169.5	0.000	0.000	9000	0.00%	100.00%
170.0	0.000	0.000	9000	0.00%	100.00%
170.5	0.000	0.000	9000	0.00%	100.00%

Zonal flux distribution table

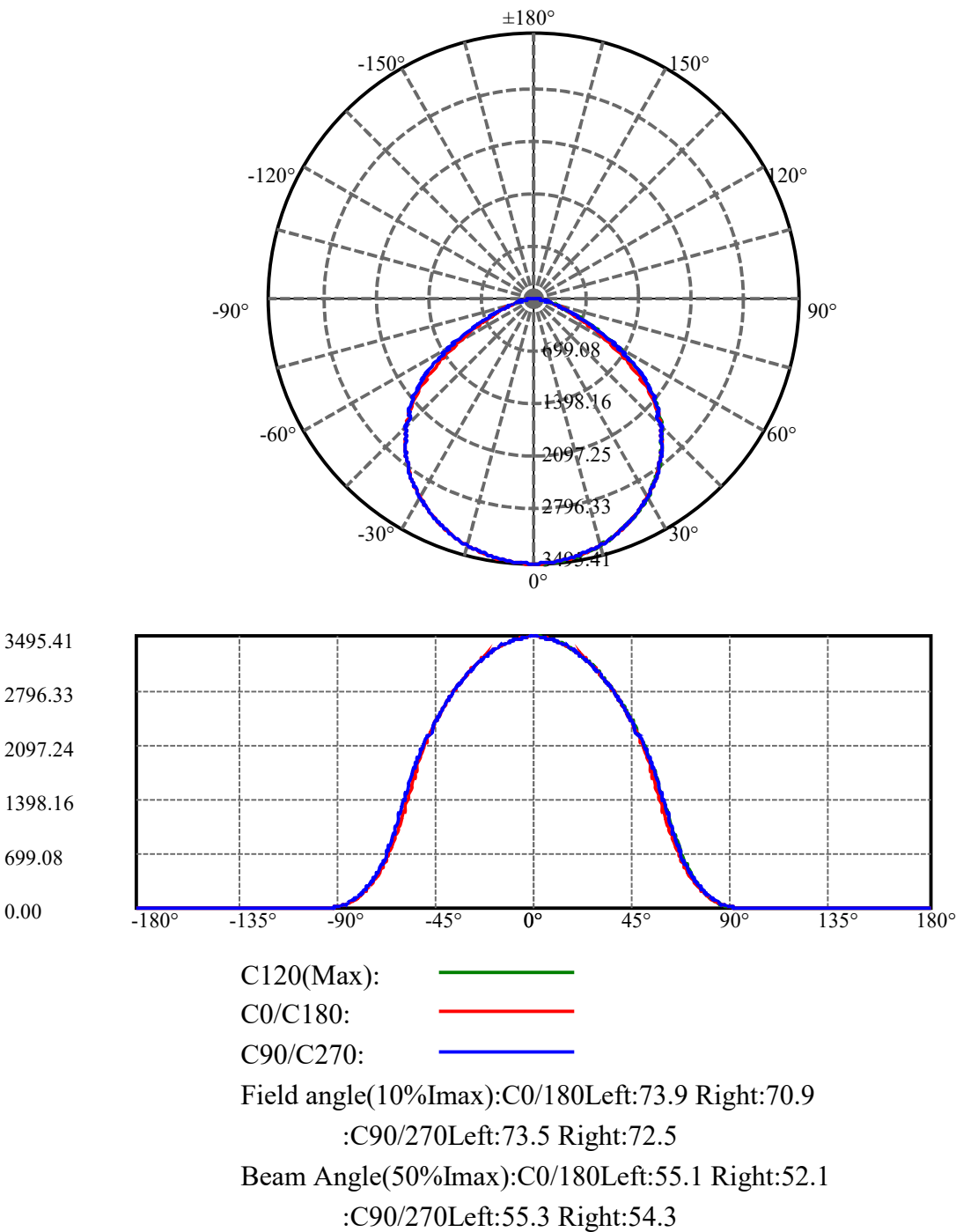
Appendix Page: 11 Total:28

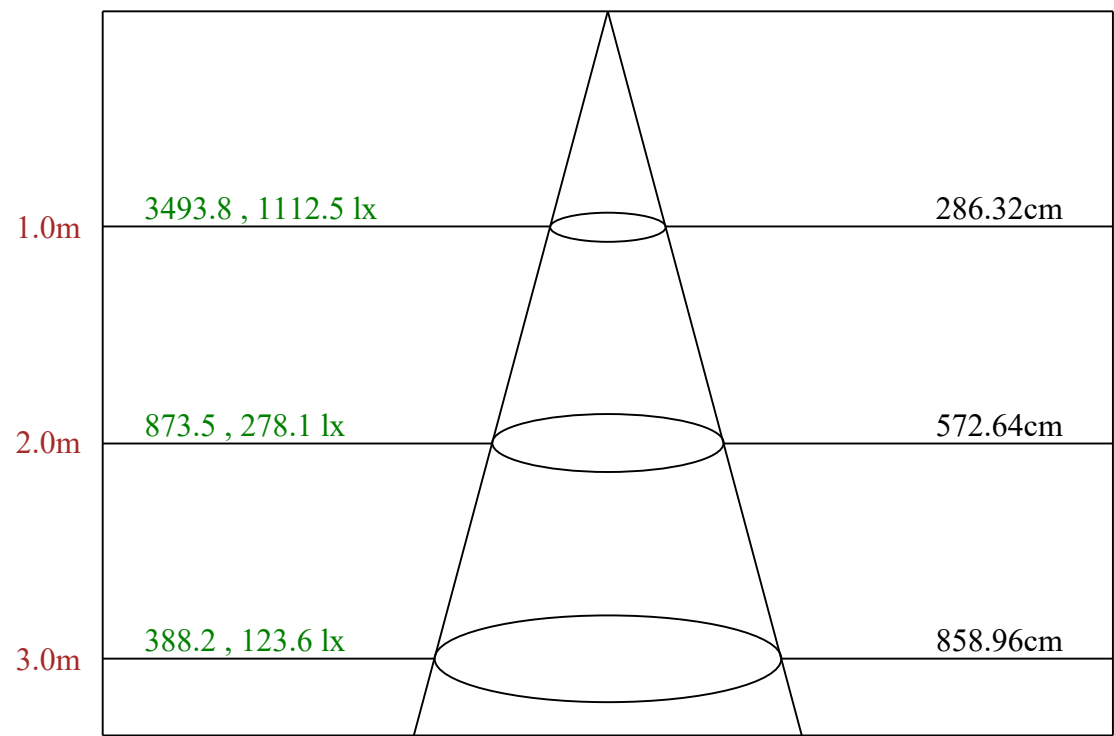
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
171.0	0.000	0.000	9000	0.00%	100.00%
171.5	0.000	0.000	9000	0.00%	100.00%
172.0	0.000	0.000	9000	0.00%	100.00%
172.5	0.000	0.000	9000	0.00%	100.00%
173.0	0.000	0.000	9000	0.00%	100.00%
173.5	0.000	0.000	9000	0.00%	100.00%
174.0	0.000	0.000	9000	0.00%	100.00%
174.5	0.000	0.000	9000	0.00%	100.00%
175.0	0.000	0.000	9000	0.00%	100.00%
175.5	0.000	0.000	9000	0.00%	100.00%
176.0	0.000	0.000	9000	0.00%	100.00%
176.5	0.000	0.000	9000	0.00%	100.00%
177.0	0.000	0.000	9000	0.00%	100.00%
177.5	0.000	0.000	9000	0.00%	100.00%
178.0	0.000	0.000	9000	0.00%	100.00%
178.5	0.000	0.000	9000	0.00%	100.00%
179.0	0.000	0.000	9000	0.00%	100.00%
179.5	0.000	0.000	9000	0.00%	100.00%
180.0	0.000	0.000	9000	0.00%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	2736.70	30.41%	30.41%
0-40	4507.02	50.08%	50.08%
0-60	7824.75	86.94%	86.94%
0-90	8999.29	99.99%	99.99%
0-120	9000.00	100.00%	100.00%
0-180	9000.00	100.00%	100.00%
60-90	1174.54	13.05%	13.05%
90-120	0.71	0.01%	0.01%
90-130	0.71	0.01%	0.01%
90-150	0.71	0.01%	0.01%
90-180	0.71	0.01%	0.01%
0-55.31	7200.00	80.00%	80.00%

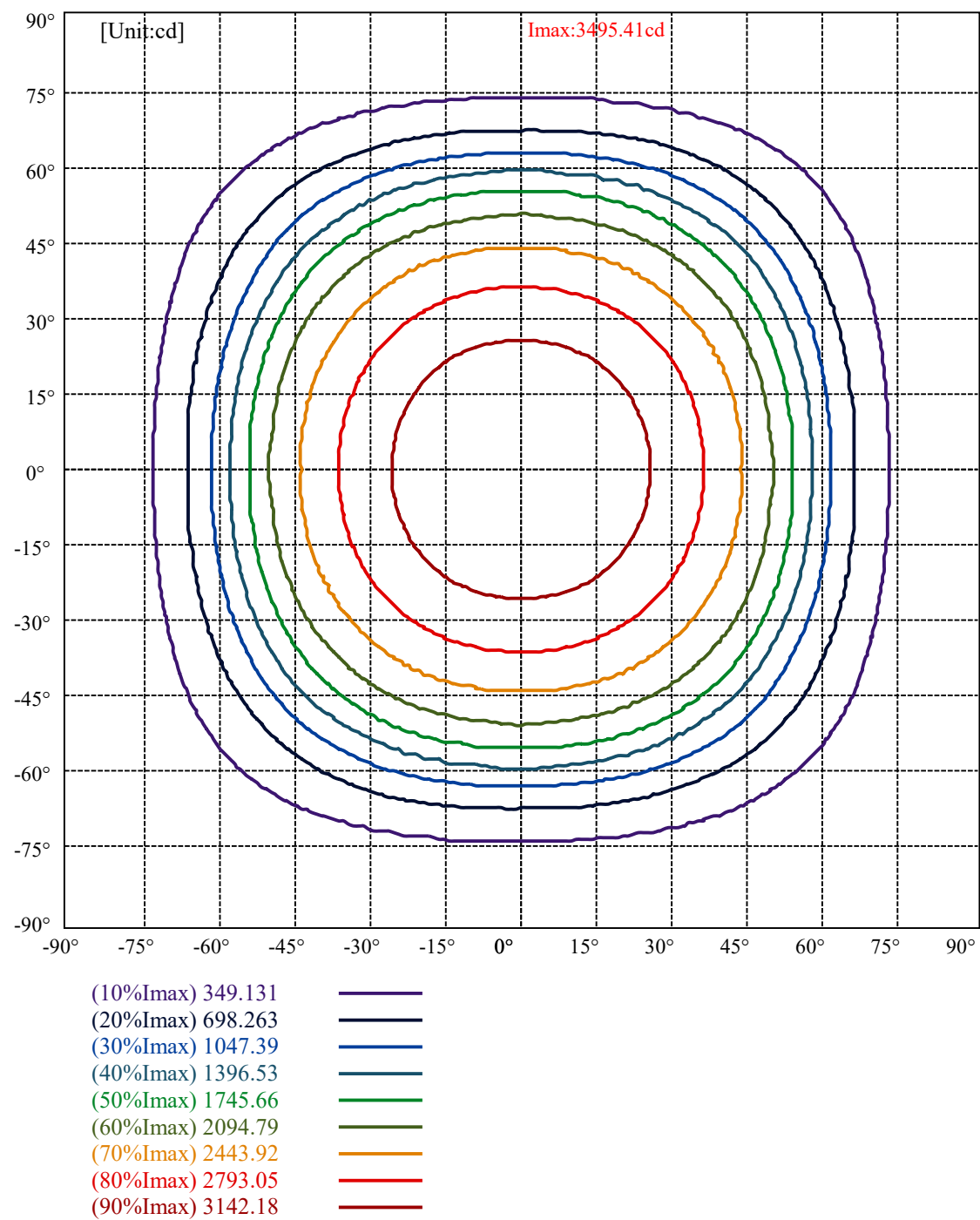
ZONAL LUMEN SUMMARY

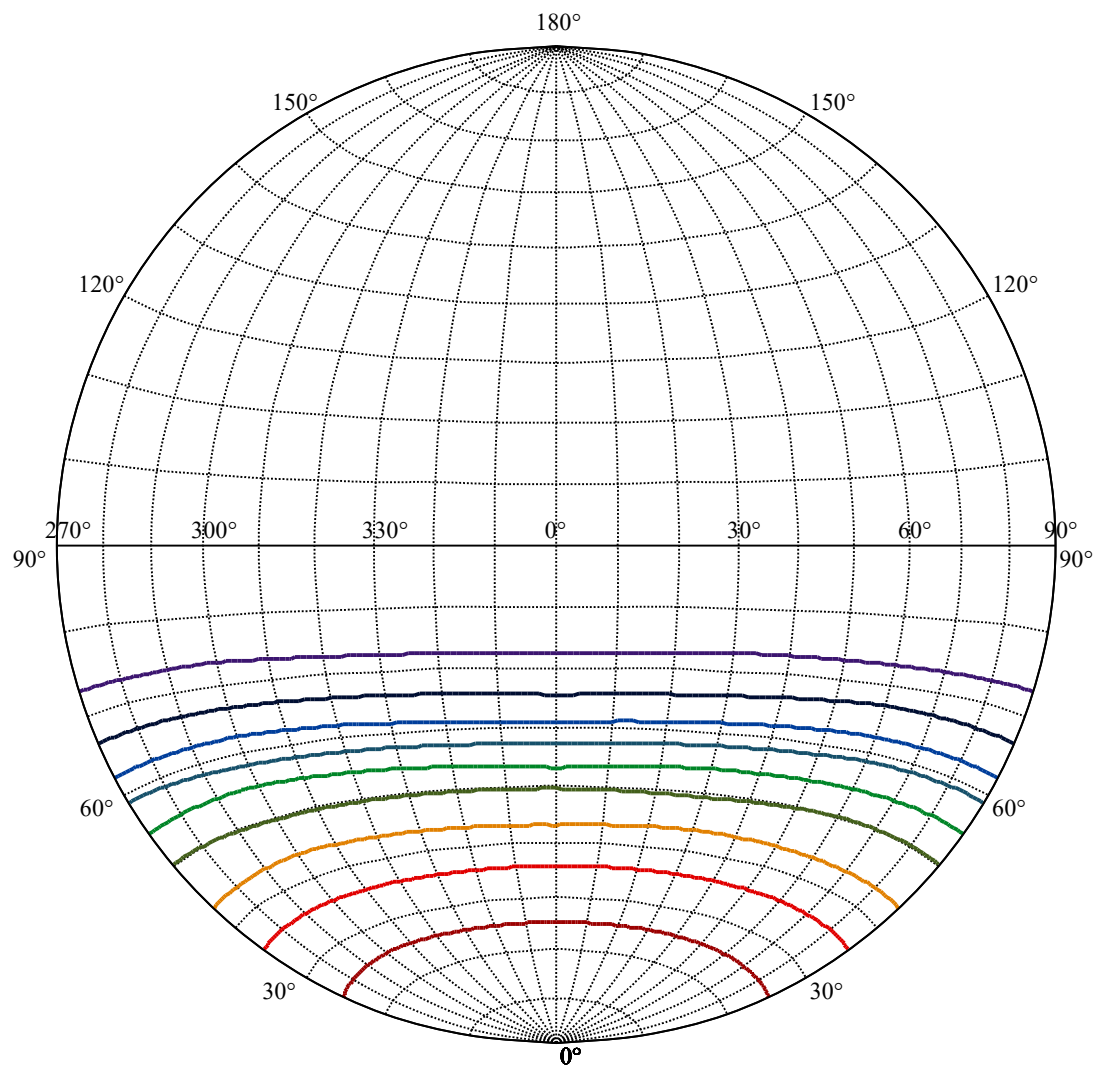
0-10	330.37
10-20	951.32
20-30	1455.01
30-40	1770.32
40-50	1824.84
50-60	1492.89
60-70	809.94
70-80	300.82
80-90	63.78
90-100	0.71
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





Max , Ave Beam angle of C120 plane 110.13



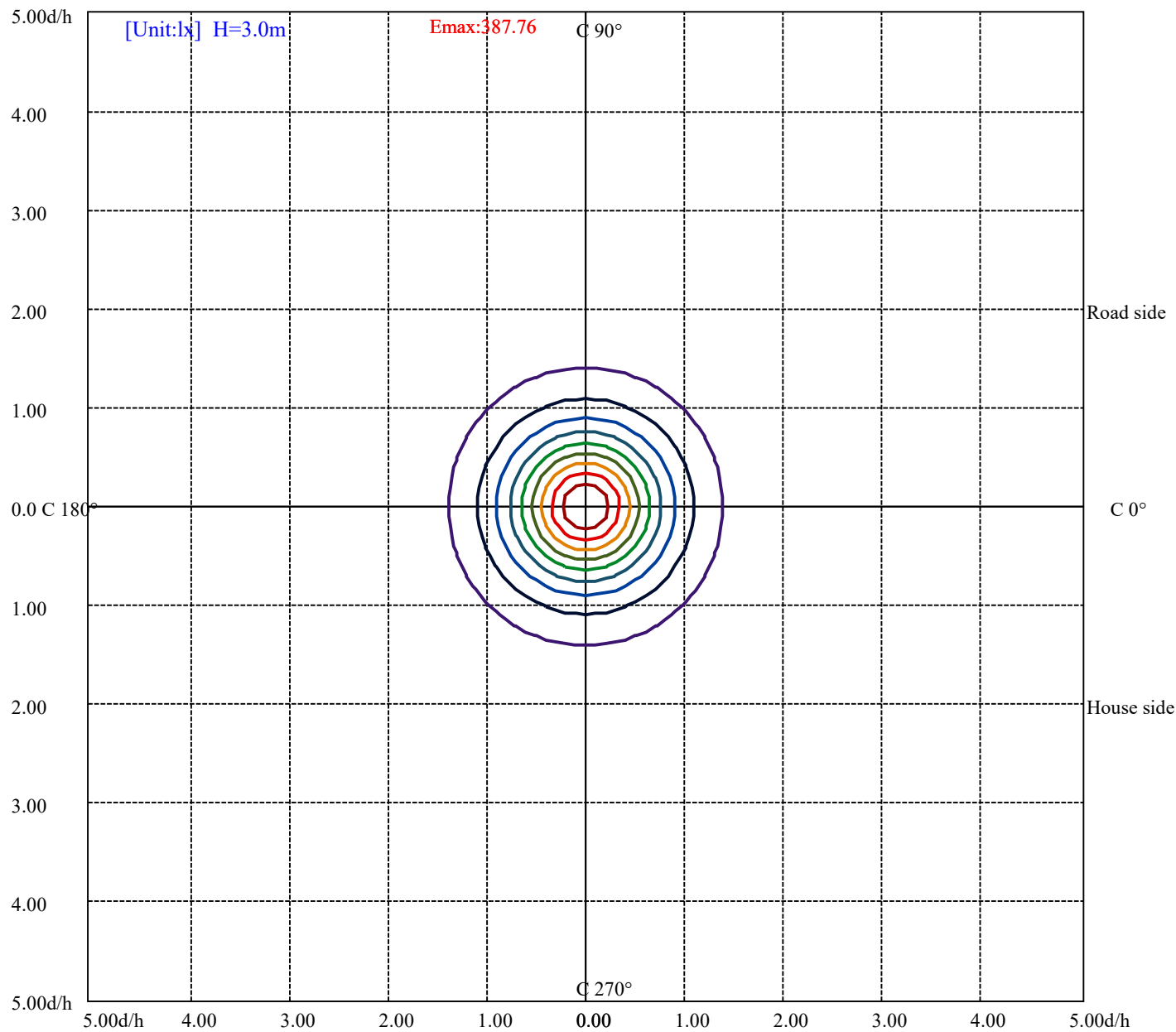


House

[Unit:cd]

Road

Imax:3495.41	
(10%Imax) 349.541	
(20%Imax) 699.082	
(30%Imax) 1048.62	
(40%Imax) 1398.16	
(50%Imax) 1747.7	
(60%Imax) 2097.24	
(70%Imax) 2446.79	
(80%Imax) 2796.33	
(90%Imax) 3145.87	



(10%Emax)	38.77589	—
(20%Emax)	77.55189	—
(30%Emax)	116.3278	—
(40%Emax)	155.1033	—
(50%Emax)	193.88	—
(60%Emax)	232.6555	—
(70%Emax)	271.4311	—
(80%Emax)	310.2078	—
(90%Emax)	348.9833	—

Intensity data(cd)

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C/γ(°)	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
0.0	3489.83	3489.83	3488.74	3490.56	3487.53	3487.53	3483.89	3483.89	3478.44
30.0	3489.83	3489.83	3490.56	3492.38	3491.17	3486.32	3486.32	3480.86	3479.05
60.0	3489.83	3489.83	3490.56	3490.56	3489.35	3489.35	3488.74	3488.74	3481.47
90.0	3489.83	3489.83	3485.11	3485.11	3483.89	3483.89	3480.26	3476.62	3473.59
120.0	3489.83	3489.83	3495.41	3492.38	3492.38	3488.14	3488.14	3482.08	3482.08
150.0	3489.83	3489.83	3487.53	3486.32	3486.32	3484.50	3484.50	3480.26	3480.26
180.0	3489.83	3489.83	3488.74	3490.56	3487.53	3487.53	3483.89	3483.89	3478.44
210.0	3489.83	3489.83	3490.56	3492.38	3491.17	3486.32	3486.32	3480.86	3479.05
240.0	3489.83	3489.83	3490.56	3490.56	3489.35	3489.35	3488.74	3488.74	3481.47
270.0	3489.83	3489.83	3485.11	3485.11	3483.89	3483.89	3480.26	3476.62	3473.59
300.0	3489.83	3489.83	3495.41	3492.38	3492.38	3488.14	3488.14	3482.08	3482.08
330.0	3489.83	3489.83	3487.53	3486.32	3486.32	3484.50	3484.50	3480.26	3480.26
360.0	3489.83	3489.83	3488.74	3490.56	3487.53	3487.53	3483.89	3483.89	3478.44

C/γ(°)	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
0.0	3475.41	3473.59	3469.35	3466.93	3460.87	3460.87	3454.81	3454.81	3446.93
30.0	3478.44	3477.23	3472.38	3471.77	3468.14	3466.93	3461.47	3453.59	3451.17
60.0	3479.05	3477.23	3474.20	3469.35	3462.68	3462.68	3461.47	3461.47	3450.56
90.0	3473.59	3472.38	3462.68	3462.68	3456.02	3456.02	3448.14	3448.14	3443.29
120.0	3479.05	3475.41	3472.38	3465.11	3465.11	3459.65	3459.65	3453.59	3453.59
150.0	3478.44	3474.80	3473.59	3466.93	3466.93	3458.44	3458.44	3449.96	3449.96
180.0	3475.41	3473.59	3469.35	3466.93	3460.87	3460.87	3454.81	3454.81	3446.93
210.0	3478.44	3477.23	3472.38	3471.77	3468.14	3466.93	3461.47	3453.59	3451.17
240.0	3479.05	3477.23	3474.20	3469.35	3462.68	3462.68	3461.47	3461.47	3450.56
270.0	3473.59	3472.38	3462.68	3462.68	3456.02	3456.02	3448.14	3448.14	3443.29
300.0	3479.05	3475.41	3472.38	3465.11	3465.11	3459.65	3459.65	3453.59	3453.59
330.0	3478.44	3474.80	3473.59	3466.93	3466.93	3458.44	3458.44	3449.96	3449.96
360.0	3475.41	3473.59	3469.35	3466.93	3460.87	3460.87	3454.81	3454.81	3446.93

C/γ(°)	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0
0.0	3440.87	3437.23	3432.38	3426.32	3421.48	3416.02	3404.51	3404.51	3392.39
30.0	3446.32	3441.47	3436.63	3431.78	3425.72	3419.66	3414.20	3403.30	3403.30
60.0	3450.56	3440.87	3437.84	3436.63	3434.20	3426.93	3414.81	3414.81	3397.24
90.0	3443.29	3432.99	3432.99	3425.72	3412.39	3412.39	3402.69	3402.69	3391.78
120.0	3445.11	3445.11	3436.63	3431.78	3427.54	3417.84	3417.84	3404.51	3404.51
150.0	3440.87	3434.81	3429.96	3425.11	3420.26	3411.17	3411.17	3398.45	3398.45
180.0	3440.87	3437.23	3432.38	3426.32	3421.48	3416.02	3404.51	3404.51	3392.39
210.0	3446.32	3441.47	3436.63	3431.78	3425.72	3419.66	3414.20	3403.30	3403.30
240.0	3450.56	3440.87	3437.84	3436.63	3434.20	3426.93	3414.81	3414.81	3397.24
270.0	3443.29	3432.99	3432.99	3425.72	3412.39	3412.39	3402.69	3402.69	3391.78
300.0	3445.11	3445.11	3436.63	3431.78	3427.54	3417.84	3417.84	3404.51	3404.51
330.0	3440.87	3434.81	3429.96	3425.11	3420.26	3411.17	3411.17	3398.45	3398.45
360.0	3440.87	3437.23	3432.38	3426.32	3421.48	3416.02	3404.51	3404.51	3392.39

C/γ(°)	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5
0.0	3392.39	3379.06	3371.18	3365.72	3357.85	3351.18	3343.30	3337.24	3322.09
30.0	3392.39	3387.54	3379.66	3374.21	3365.72	3359.06	3349.97	3342.09	3333.00
60.0	3397.24	3383.90	3383.90	3369.97	3363.30	3354.21	3336.03	3336.03	3318.46
90.0	3391.78	3380.27	3380.27	3368.15	3361.48	3354.21	3337.85	3337.85	3319.67
120.0	3391.18	3391.18	3375.42	3369.97	3362.69	3345.12	3345.12	3329.97	3329.97
150.0	3386.33	3386.33	3371.18	3363.30	3359.06	3351.18	3343.91	3329.36	3329.36
180.0	3392.39	3379.06	3371.18	3365.72	3357.85	3351.18	3343.30	3337.24	3322.09
210.0	3392.39	3387.54	3379.66	3374.21	3365.72	3359.06	3349.97	3342.09	3333.00
240.0	3397.24	3383.90	3383.90	3369.97	3363.30	3354.21	3336.03	3336.03	3318.46
270.0	3391.78	3380.27	3380.27	3368.15	3361.48	3354.21	3337.85	3337.85	3319.67
300.0	3391.18	3391.18	3375.42	3369.97	3362.69	3345.12	3345.12	3329.97	3329.97
330.0	3386.33	3386.33	3371.18	3363.30	3359.06	3351.18	3343.91	3329.36	3329.36
360.0	3392.39	3379.06	3371.18	3365.72	3357.85	3351.18	3343.30	3337.24	3322.09

Intensity data(cd)

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C/γ(°)	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
0.0	3322.09	3303.91	3303.91	3285.13	3275.43	3267.55	3256.64	3248.77	3228.16
30.0	3314.21	3314.21	3294.22	3285.73	3274.22	3265.13	3254.22	3246.34	3235.43
60.0	3318.46	3303.31	3303.31	3287.55	3279.67	3265.73	3256.04	3246.95	3224.53
90.0	3319.67	3304.52	3304.52	3285.13	3285.13	3265.73	3245.13	3245.13	3224.53
120.0	3309.97	3309.97	3293.61	3293.61	3274.82	3262.10	3254.22	3234.22	3234.22
150.0	3309.97	3309.97	3293.61	3293.61	3275.43	3263.92	3254.22	3234.22	3234.22
180.0	3322.09	3303.91	3303.91	3285.13	3275.43	3267.55	3256.64	3248.77	3228.16
210.0	3314.21	3314.21	3294.22	3285.73	3274.22	3265.13	3254.22	3246.34	3235.43
240.0	3318.46	3303.31	3303.31	3287.55	3279.67	3265.73	3256.04	3246.95	3224.53
270.0	3319.67	3304.52	3304.52	3285.13	3285.13	3265.73	3245.13	3245.13	3224.53
300.0	3309.97	3309.97	3293.61	3293.61	3274.82	3262.10	3254.22	3234.22	3234.22
330.0	3309.97	3309.97	3293.61	3293.61	3275.43	3263.92	3254.22	3234.22	3234.22
360.0	3322.09	3303.91	3303.91	3285.13	3275.43	3267.55	3256.64	3248.77	3228.16

C/γ(°)	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5
0.0	3228.16	3205.13	3205.13	3180.29	3166.96	3154.84	3141.50	3128.78	3114.84
30.0	3226.34	3214.22	3191.20	3181.50	3169.38	3157.26	3143.93	3129.99	3116.05
60.0	3224.53	3200.89	3200.89	3179.08	3179.08	3154.84	3144.53	3131.20	3119.69
90.0	3224.53	3202.10	3202.10	3177.26	3177.26	3152.41	3139.08	3125.75	3099.69
120.0	3211.80	3211.80	3189.98	3189.98	3166.96	3166.96	3143.32	3131.81	3120.29
150.0	3211.19	3211.19	3187.56	3187.56	3165.74	3153.62	3142.72	3128.78	3103.93
180.0	3228.16	3205.13	3205.13	3180.29	3166.96	3154.84	3141.50	3128.78	3114.84
210.0	3226.34	3214.22	3191.20	3181.50	3169.38	3157.26	3143.93	3129.99	3116.05
240.0	3224.53	3200.89	3200.89	3179.08	3179.08	3154.84	3144.53	3131.20	3119.69
270.0	3224.53	3202.10	3202.10	3177.26	3177.26	3152.41	3139.08	3125.75	3099.69
300.0	3211.80	3211.80	3189.98	3189.98	3166.96	3166.96	3143.32	3131.81	3120.29
330.0	3211.19	3211.19	3187.56	3187.56	3165.74	3153.62	3142.72	3128.78	3103.93
360.0	3228.16	3205.13	3205.13	3180.29	3166.96	3154.84	3141.50	3128.78	3114.84

C/γ(°)	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
0.0	3102.11	3073.63	3073.63	3044.54	3031.21	3014.24	2997.88	2984.55	2968.19
30.0	3104.54	3091.81	3080.30	3066.97	3039.09	3026.36	3011.82	2995.46	2977.28
60.0	3105.75	3079.09	3079.09	3051.82	3051.82	3022.12	3022.12	2996.06	2980.91
90.0	3099.69	3071.81	3071.81	3046.36	3046.36	3017.88	3017.88	2986.97	2974.25
120.0	3095.45	3095.45	3070.60	3070.60	3038.48	3038.48	3005.76	3005.76	2977.28
150.0	3089.39	3089.39	3076.06	3059.09	3042.12	3027.58	3012.43	2981.52	2981.52
180.0	3102.11	3073.63	3073.63	3044.54	3031.21	3014.24	2997.88	2984.55	2968.19
210.0	3104.54	3091.81	3080.30	3066.97	3039.09	3026.36	3011.82	2995.46	2977.28
240.0	3105.75	3079.09	3079.09	3051.82	3051.82	3022.12	3022.12	2996.06	2980.91
270.0	3099.69	3071.81	3071.81	3046.36	3046.36	3017.88	3017.88	2986.97	2974.25
300.0	3095.45	3095.45	3070.60	3070.60	3038.48	3038.48	3005.76	3005.76	2977.28
330.0	3089.39	3089.39	3076.06	3059.09	3042.12	3027.58	3012.43	2981.52	2981.52
360.0	3102.11	3073.63	3073.63	3044.54	3031.21	3014.24	2997.88	2984.55	2968.19

C/γ(°)	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5
0.0	2954.25	2939.10	2925.77	2895.47	2895.47	2864.56	2864.56	2829.41	2809.42
30.0	2961.52	2942.74	2926.37	2907.59	2876.08	2876.08	2842.75	2827.60	2810.02
60.0	2965.16	2933.04	2933.04	2897.29	2897.29	2880.92	2863.35	2830.63	2811.84
90.0	2957.89	2923.95	2923.95	2894.26	2894.26	2863.35	2863.35	2826.38	2826.38
120.0	2945.16	2945.16	2913.04	2913.04	2879.71	2879.71	2842.75	2842.75	2810.02
150.0	2950.01	2936.68	2921.53	2906.38	2890.01	2875.47	2859.11	2839.72	2822.14
180.0	2954.25	2939.10	2925.77	2895.47	2895.47	2864.56	2864.56	2829.41	2809.42
210.0	2961.52	2942.74	2926.37	2907.59	2876.08	2876.08	2842.75	2827.60	2810.02
240.0	2965.16	2933.04	2933.04	2897.29	2897.29	2880.92	2863.35	2830.63	2811.84
270.0	2957.89	2923.95	2923.95	2894.26	2894.26	2863.35	2863.35	2826.38	2826.38
300.0	2945.16	2945.16	2913.04	2913.04	2879.71	2879.71	2842.75	2842.75	2810.02
330.0	2950.01	2936.68	2921.53	2906.38	2890.01	2875.47	2859.11	2839.72	2822.14
360.0	2954.25	2939.10	2925.77	2895.47	2895.47	2864.56	2864.56	2829.41	2809.42

C/γ(°)	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0
0.0	2792.45	2773.06	2755.48	2717.91	2717.91	2678.52	2678.52	2636.71	2615.50
30.0	2793.66	2774.87	2757.91	2738.51	2700.34	2700.34	2660.34	2640.95	2617.92
60.0	2791.24	2774.27	2757.91	2719.12	2719.12	2679.73	2679.73	2638.52	2638.52
90.0	2790.63	2755.48	2755.48	2713.06	2713.06	2675.49	2675.49	2634.89	2634.89
120.0	2792.45	2775.48	2757.30	2736.09	2696.70	2696.70	2655.49	2655.49	2610.65
150.0	2782.75	2782.75	2745.18	2727.00	2705.18	2689.43	2668.22	2648.83	2626.40
180.0	2792.45	2773.06	2755.48	2717.91	2717.91	2678.52	2678.52	2636.71	2615.50
210.0	2793.66	2774.87	2757.91	2738.51	2700.34	2700.34	2660.34	2640.95	2617.92
240.0	2791.24	2774.27	2757.91	2719.12	2719.12	2679.73	2679.73	2638.52	2638.52
270.0	2790.63	2755.48	2755.48	2713.06	2713.06	2675.49	2675.49	2634.89	2634.89
300.0	2792.45	2775.48	2757.30	2736.09	2696.70	2696.70	2655.49	2655.49	2610.65
330.0	2782.75	2782.75	2745.18	2727.00	2705.18	2689.43	2668.22	2648.83	2626.40
360.0	2792.45	2773.06	2755.48	2717.91	2717.91	2678.52	2678.52	2636.71	2615.50

C/γ(°)	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5
0.0	2594.29	2571.26	2549.44	2524.60	2503.39	2456.72	2456.72	2408.85	2408.85
30.0	2597.92	2574.29	2553.08	2529.44	2508.23	2483.99	2436.73	2436.73	2388.85
60.0	2594.29	2574.89	2553.68	2531.26	2507.63	2464.00	2464.00	2420.36	2420.36
90.0	2592.47	2571.86	2549.44	2507.63	2507.63	2463.39	2463.39	2415.52	2415.52
120.0	2610.65	2573.68	2534.29	2534.29	2490.66	2490.66	2445.82	2445.82	2399.15
150.0	2584.59	2584.59	2540.35	2519.14	2494.90	2471.87	2448.85	2426.42	2400.37
180.0	2594.29	2571.26	2549.44	2524.60	2503.39	2456.72	2456.72	2408.85	2408.85
210.0	2597.92	2574.29	2553.08	2529.44	2508.23	2483.99	2436.73	2436.73	2388.85
240.0	2594.29	2574.89	2553.68	2531.26	2507.63	2464.00	2464.00	2420.36	2420.36
270.0	2592.47	2571.86	2549.44	2507.63	2507.63	2463.39	2463.39	2415.52	2415.52
300.0	2610.65	2573.68	2534.29	2534.29	2490.66	2490.66	2445.82	2445.82	2399.15
330.0	2584.59	2584.59	2540.35	2519.14	2494.90	2471.87	2448.85	2426.42	2400.37
360.0	2594.29	2571.26	2549.44	2524.60	2503.39	2456.72	2456.72	2408.85	2408.85

C/γ(°)	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0
0.0	2358.55	2331.28	2307.65	2253.71	2253.71	2220.38	2195.54	2135.54	2135.54
30.0	2367.04	2367.04	2315.53	2288.86	2265.83	2236.75	2211.29	2179.78	2120.39
60.0	2371.88	2349.46	2322.80	2298.56	2273.11	2220.38	2220.38	2163.42	2163.42
90.0	2368.85	2368.85	2266.44	2243.41	2243.41	2219.17	2219.17	2193.72	2164.03
120.0	2399.15	2347.04	2347.04	2296.74	2244.62	2244.62	2190.69	2190.69	2136.76
150.0	2379.16	2351.89	2302.19	2302.19	2249.47	2223.41	2193.72	2170.09	2139.18
180.0	2358.55	2331.28	2307.65	2253.71	2253.71	2220.38	2195.54	2135.54	2135.54
210.0	2367.04	2367.04	2315.53	2288.86	2265.83	2236.75	2211.29	2179.78	2120.39
240.0	2371.88	2349.46	2322.80	2298.56	2273.11	2220.38	2220.38	2163.42	2163.42
270.0	2368.85	2368.85	2266.44	2243.41	2243.41	2219.17	2219.17	2193.72	2164.03
300.0	2399.15	2347.04	2347.04	2296.74	2244.62	2244.62	2190.69	2190.69	2136.76
330.0	2379.16	2351.89	2302.19	2302.19	2249.47	2223.41	2193.72	2170.09	2139.18
360.0	2358.55	2331.28	2307.65	2253.71	2253.71	2220.38	2195.54	2135.54	2135.54

C/γ(°)	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5
0.0	2073.13	2073.13	2005.25	1961.02	1931.32	1883.45	1851.33	1766.49	1766.49
30.0	2120.39	2055.55	2027.07	1988.29	1959.20	1916.78	1886.48	1844.06	1767.70
60.0	2107.67	2107.67	2048.89	2020.40	1990.10	1961.02	1928.29	1860.42	1860.42
90.0	2107.06	2107.06	2050.70	2050.70	1993.13	1929.50	1929.50	1864.66	1864.66
120.0	2136.76	2077.37	2077.37	2018.59	1987.07	1959.20	1896.17	1896.17	1827.09
150.0	2111.91	2079.19	2051.31	2016.16	1948.90	1948.90	1876.78	1843.45	1801.64
180.0	2073.13	2073.13	2005.25	1961.02	1931.32	1883.45	1851.33	1766.49	1766.49
210.0	2120.39	2055.55	2027.07	1988.29	1959.20	1916.78	1886.48	1844.06	1767.70
240.0	2107.67	2107.67	2048.89	2020.40	1990.10	1961.02	1928.29	1860.42	1860.42
270.0	2107.06	2107.06	2050.70	2050.70	1993.13	1929.50	1929.50	1864.66	1864.66
300.0	2136.76	2077.37	2077.37	2018.59	1987.07	1959.20	1896.17	1896.17	1827.09
330.0	2111.91	2079.19	2051.31	2016.16	1948.90	1948.90	1876.78	1843.45	1801.64
360.0	2073.13	2073.13	2005.25	1961.02	1931.32	1883.45	1851.33	1766.49	1766.49

Intensity data(cd)

Appendix Page: 21 Total:28

C/γ(°)	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0
0.0	1678.01	1678.01	1589.54	1542.88	1502.27	1458.64	1415.01	1371.98	1325.93
30.0	1767.70	1689.53	1652.56	1609.54	1569.54	1527.12	1484.09	1442.89	1398.04
60.0	1790.12	1790.12	1713.16	1713.16	1634.38	1595.60	1551.36	1510.76	1467.73
90.0	1795.58	1795.58	1720.43	1720.43	1642.87	1608.32	1561.06	1478.03	1478.03
120.0	1827.09	1751.95	1751.95	1670.74	1670.74	1587.11	1504.09	1504.09	1418.04
150.0	1764.67	1721.65	1679.83	1637.41	1550.15	1550.15	1462.28	1412.59	1372.59
180.0	1678.01	1678.01	1589.54	1542.88	1502.27	1458.64	1415.01	1371.98	1325.93
210.0	1767.70	1689.53	1652.56	1609.54	1569.54	1527.12	1484.09	1442.89	1398.04
240.0	1790.12	1790.12	1713.16	1713.16	1634.38	1595.60	1551.36	1510.76	1467.73
270.0	1795.58	1795.58	1720.43	1720.43	1642.87	1608.32	1561.06	1478.03	1478.03
300.0	1827.09	1751.95	1751.95	1670.74	1670.74	1587.11	1504.09	1504.09	1418.04
330.0	1764.67	1721.65	1679.83	1637.41	1550.15	1550.15	1462.28	1412.59	1372.59
360.0	1678.01	1678.01	1589.54	1542.88	1502.27	1458.64	1415.01	1371.98	1325.93

C/γ(°)	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5
0.0	1238.66	1238.66	1153.82	1153.82	1073.23	1039.90	997.48	965.36	924.76
30.0	1356.83	1270.78	1270.78	1185.34	1141.70	1102.31	1061.71	1024.75	984.14
60.0	1385.32	1385.32	1303.51	1303.51	1222.30	1180.49	1142.31	1101.71	1064.14
90.0	1393.19	1393.19	1303.51	1303.51	1213.21	1213.21	1121.71	1073.23	1034.44
120.0	1418.04	1332.59	1332.59	1250.78	1250.78	1169.58	1169.58	1091.41	1014.44
150.0	1324.72	1285.33	1239.27	1199.27	1156.25	1074.44	1036.87	1036.87	960.51
180.0	1238.66	1238.66	1153.82	1153.82	1073.23	1039.90	997.48	965.36	924.76
210.0	1356.83	1270.78	1270.78	1185.34	1141.70	1102.31	1061.71	1024.75	984.14
240.0	1385.32	1385.32	1303.51	1303.51	1222.30	1180.49	1142.31	1101.71	1064.14
270.0	1393.19	1393.19	1303.51	1303.51	1213.21	1213.21	1121.71	1073.23	1034.44
300.0	1418.04	1332.59	1332.59	1250.78	1250.78	1169.58	1169.58	1091.41	1014.44
330.0	1324.72	1285.33	1239.27	1199.27	1156.25	1074.44	1036.87	1036.87	960.51
360.0	1238.66	1238.66	1153.82	1153.82	1073.23	1039.90	997.48	965.36	924.76

C/γ(°)	63.0	63.5	64.0	64.5	65.0	65.5	66.0	66.5	67.0
0.0	895.06	855.67	790.22	790.22	727.81	727.81	668.42	668.42	613.27
30.0	947.78	908.39	875.67	806.59	770.23	741.14	706.60	679.33	647.21
60.0	987.78	987.78	912.64	912.64	839.92	839.92	772.04	736.29	706.60
90.0	952.63	952.63	877.49	877.49	805.98	805.98	738.71	738.71	674.48
120.0	1014.44	939.30	939.30	866.58	866.58	796.28	796.28	730.23	668.42
150.0	920.51	885.37	847.19	815.07	778.71	747.80	714.47	685.99	628.42
180.0	895.06	855.67	790.22	790.22	727.81	727.81	668.42	668.42	613.27
210.0	947.78	908.39	875.67	806.59	770.23	741.14	706.60	679.33	647.21
240.0	987.78	987.78	912.64	912.64	839.92	839.92	772.04	736.29	706.60
270.0	952.63	952.63	877.49	877.49	805.98	805.98	738.71	738.71	674.48
300.0	1014.44	939.30	939.30	866.58	866.58	796.28	796.28	730.23	668.42
330.0	920.51	885.37	847.19	815.07	778.71	747.80	714.47	685.99	628.42
360.0	895.06	855.67	790.22	790.22	727.81	727.81	668.42	668.42	613.27

C/γ(°)	67.5	68.0	68.5	69.0	69.5	70.0	70.5	71.0	71.5
0.0	590.24	560.55	511.46	511.46	465.41	465.41	422.38	406.02	381.78
30.0	621.76	592.06	568.43	518.74	518.74	472.07	447.23	428.44	404.81
60.0	672.05	644.18	585.40	585.40	530.25	530.25	479.35	479.35	430.87
90.0	615.70	615.70	561.76	561.76	512.07	512.07	466.01	466.01	423.59
120.0	668.42	609.03	609.03	553.88	553.88	500.56	500.56	451.47	451.47
150.0	628.42	575.09	549.04	526.01	500.56	478.13	453.29	433.29	391.48
180.0	590.24	560.55	511.46	511.46	465.41	465.41	422.38	406.02	381.78
210.0	621.76	592.06	568.43	518.74	518.74	472.07	447.23	428.44	404.81
240.0	672.05	644.18	585.40	585.40	530.25	530.25	479.35	479.35	430.87
270.0	615.70	615.70	561.76	561.76	512.07	512.07	466.01	466.01	423.59
300.0	668.42	609.03	609.03	553.88	553.88	500.56	500.56	451.47	451.47
330.0	628.42	575.09	549.04	526.01	500.56	478.13	453.29	433.29	391.48
360.0	590.24	560.55	511.46	511.46	465.41	465.41	422.38	406.02	381.78

C/γ(°)	72.0	72.5	73.0	73.5	74.0	74.5	75.0	75.5	76.0
0.0	366.02	343.60	315.73	294.52	274.52	274.52	256.34	244.82	218.16
30.0	387.84	365.42	349.66	328.45	313.91	279.97	279.97	249.07	232.10
60.0	406.63	387.84	348.45	348.45	327.85	310.88	276.34	276.34	245.43
90.0	401.17	384.81	346.63	346.63	311.48	311.48	278.76	278.76	247.85
120.0	406.02	364.81	364.81	326.63	326.63	291.49	291.49	258.76	258.76
150.0	391.48	352.09	331.48	315.73	296.94	282.40	264.82	251.49	234.52
180.0	366.02	343.60	315.73	294.52	274.52	274.52	256.34	244.82	218.16
210.0	387.84	365.42	349.66	328.45	313.91	279.97	279.97	249.07	232.10
240.0	406.63	387.84	348.45	348.45	327.85	310.88	276.34	276.34	245.43
270.0	401.17	384.81	346.63	346.63	311.48	311.48	278.76	278.76	247.85
300.0	406.02	364.81	364.81	326.63	326.63	291.49	291.49	258.76	258.76
330.0	391.48	352.09	331.48	315.73	296.94	282.40	264.82	251.49	234.52
360.0	366.02	343.60	315.73	294.52	274.52	274.52	256.34	244.82	218.16

C/γ(°)	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5
0.0	209.07	193.92	185.44	171.50	164.23	150.89	132.71	132.71	116.35
30.0	221.80	205.43	195.74	180.59	172.71	158.77	151.50	132.11	120.59
60.0	229.07	215.74	201.19	188.47	163.62	163.62	141.20	141.20	121.20
90.0	247.85	219.37	193.92	193.92	170.29	170.29	149.68	149.68	130.29
120.0	227.86	215.13	199.37	173.92	173.92	150.29	150.29	129.08	129.08
150.0	222.40	195.74	195.74	171.50	158.17	149.68	137.56	129.68	119.38
180.0	209.07	193.92	185.44	171.50	164.23	150.89	132.71	132.71	116.35
210.0	221.80	205.43	195.74	180.59	172.71	158.77	151.50	132.11	120.59
240.0	229.07	215.74	201.19	188.47	163.62	163.62	141.20	141.20	121.20
270.0	247.85	219.37	193.92	193.92	170.29	170.29	149.68	149.68	130.29
300.0	227.86	215.13	199.37	173.92	173.92	150.29	150.29	129.08	129.08
330.0	222.40	195.74	195.74	171.50	158.17	149.68	137.56	129.68	119.38
360.0	209.07	193.92	185.44	171.50	164.23	150.89	132.71	132.71	116.35

C/γ(°)	81.0	81.5	82.0	82.5	83.0	83.5	84.0	84.5	85.0
0.0	116.35	101.20	95.75	87.26	79.99	72.72	61.81	61.81	49.69
30.0	115.14	104.23	98.17	89.08	83.63	75.14	69.69	56.36	56.36
60.0	121.20	103.63	94.54	87.87	80.60	75.14	63.02	63.02	50.90
90.0	130.29	111.50	111.50	95.14	84.23	76.96	63.63	63.63	50.30
120.0	110.29	110.29	93.93	87.26	78.78	64.24	64.24	53.33	53.33
150.0	113.32	103.63	98.17	84.23	84.23	71.51	64.84	58.18	52.12
180.0	116.35	101.20	95.75	87.26	79.99	72.72	61.81	61.81	49.69
210.0	115.14	104.23	98.17	89.08	83.63	75.14	69.69	56.36	56.36
240.0	121.20	103.63	94.54	87.87	80.60	75.14	63.02	63.02	50.90
270.0	130.29	111.50	111.50	95.14	84.23	76.96	63.63	63.63	50.30
300.0	110.29	110.29	93.93	87.26	78.78	64.24	64.24	53.33	53.33
330.0	113.32	103.63	98.17	84.23	84.23	71.51	64.84	58.18	52.12
360.0	116.35	101.20	95.75	87.26	79.99	72.72	61.81	61.81	49.69

C/γ(°)	85.5	86.0	86.5	87.0	87.5	88.0	88.5	89.0	89.5
0.0	49.69	38.78	35.75	30.91	30.91	26.06	26.06	18.79	13.94
30.0	45.45	39.39	33.33	27.88	26.66	20.60	20.60	15.76	15.76
60.0	50.90	39.39	39.39	27.27	22.42	18.18	9.09	9.09	4.24
90.0	50.30	38.18	38.18	27.88	22.42	22.42	16.97	16.97	11.51
120.0	42.42	42.42	32.12	32.12	22.42	16.36	16.36	10.91	10.91
150.0	48.48	41.81	36.36	23.03	23.03	15.15	9.70	9.70	4.24
180.0	49.69	38.78	35.75	30.91	30.91	26.06	26.06	18.79	13.94
210.0	45.45	39.39	33.33	27.88	26.66	20.60	20.60	15.76	15.76
240.0	50.90	39.39	39.39	27.27	22.42	18.18	9.09	9.09	4.24
270.0	50.30	38.18	38.18	27.88	22.42	22.42	16.97	16.97	11.51
300.0	42.42	42.42	32.12	32.12	22.42	16.36	16.36	10.91	10.91
330.0	48.48	41.81	36.36	23.03	23.03	15.15	9.70	9.70	4.24
360.0	49.69	38.78	35.75	30.91	30.91	26.06	26.06	18.79	13.94

Intensity data(cd)									Appendix Page: 23 Total:28
C/γ(°)	90.0	90.5	91.0	91.5	92.0	92.5	93.0	93.5	94.0
0.0	13.94	7.27	7.27	1.21	1.21	0.00	0.00	0.00	0.00
30.0	10.91	10.91	4.85	0.61	0.61	0.00	0.00	0.00	0.00
60.0	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	11.51	5.45	5.45	0.61	0.61	0.00	0.00	0.00	0.00
120.0	5.45	5.45	0.61	0.61	0.00	0.00	0.00	0.00	0.00
150.0	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	13.94	7.27	7.27	1.21	1.21	0.00	0.00	0.00	0.00
210.0	10.91	10.91	4.85	0.61	0.61	0.00	0.00	0.00	0.00
240.0	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	11.51	5.45	5.45	0.61	0.61	0.00	0.00	0.00	0.00
300.0	5.45	5.45	0.61	0.61	0.00	0.00	0.00	0.00	0.00
330.0	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	13.94	7.27	7.27	1.21	1.21	0.00	0.00	0.00	0.00
C/γ(°)	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	99.0	99.5	100.0	100.5	101.0	101.5	102.0	102.5	103.0
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)										Appendix Page: 24 Total:28	
C/γ(°)	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0		
0.0	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		
60.0	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		
120.0	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		
180.0	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		
240.0	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		
300.0	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		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5		
0.0	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		
60.0	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		
120.0	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		
180.0	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		
240.0	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		
300.0	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		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0		
0.0	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		
60.0	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		
120.0	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		
180.0	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		
240.0	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		
300.0	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		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	121.5	122.0	122.5	123.0	123.5	124.0	124.5	125.0	125.5		
0.0	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		
60.0	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		
120.0	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		
180.0	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		
240.0	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		
300.0	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		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Intensity data(cd)									Appendix Page: 25 Total:28
C/γ(°)	126.0	126.5	127.0	127.5	128.0	128.5	129.0	129.5	130.0
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	130.5	131.0	131.5	132.0	132.5	133.0	133.5	134.0	134.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	135.0	135.5	136.0	136.5	137.0	137.5	138.0	138.5	139.0
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	139.5	140.0	140.5	141.0	141.5	142.0	142.5	143.0	143.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)										Appendix Page: 26 Total:28
C/γ(°)	144.0	144.5	145.0	145.5	146.0	146.5	147.0	147.5	148.0	
0.0	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	
60.0	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	
120.0	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	
180.0	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	
240.0	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	
300.0	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	
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C/γ(°)	148.5	149.0	149.5	150.0	150.5	151.0	151.5	152.0	152.5	
0.0	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	
60.0	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	
120.0	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	
180.0	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	
240.0	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	
300.0	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	
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C/γ(°)	153.0	153.5	154.0	154.5	155.0	155.5	156.0	156.5	157.0	
0.0	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	
60.0	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	
120.0	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	
180.0	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	
240.0	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	
300.0	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	
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C/γ(°)	157.5	158.0	158.5	159.0	159.5	160.0	160.5	161.0	161.5	
0.0	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	
60.0	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	
120.0	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	
180.0	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	
240.0	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	
300.0	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	
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

C/γ(°)	162.0	162.5	163.0	163.5	164.0	164.5	165.0	165.5	166.0
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	166.5	167.0	167.5	168.0	168.5	169.0	169.5	170.0	170.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	171.0	171.5	172.0	172.5	173.0	173.5	174.0	174.5	175.0
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	175.5	176.0	176.5	177.0	177.5	178.0	178.5	179.0	179.5
0.0	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
60.0	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
120.0	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
180.0	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
240.0	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
300.0	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
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

Appendix Page: 28 Total:28

C/ $\gamma(^{\circ})$	180.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00