

Report No	:		Voltage	:	V
Test No	:	A2407441A001	Current	:	A
LumCAT	:	LIT by CARDI	Power	:	20.000 W
Luminaire	:	0017440194 20W 4000K 2400lm PF		:	
LampCAT	:		Ballast type	:	
Lamp flux	:	2400.0 lm	Width	:	65 mm
Number of Lamps	:	1	Length	:	107 mm
Phm Type	:	C	Height	:	0 mm

Photometric Results

Lumens(lm)	: 2400.00	Central intensity(cd)	: 822.420
Efficiency(%)	: 100.00%	Maximum intensity(cd)	: 825.074
Luminous Efficacy(lm/W)	: 120.00	Angle of maximum intensity	: C=0.0 γ=1.0
IES Classification	: TypeII	Max Cd(At 90°Vert)	: 3.688
Longitudinal Classification	: VeryShort	Max Cd(80 to 90°Vert)	: 76.9
Cut Off Classification	: FullCutoff		
Beam Angle(50%Imax)	: [C0/180]Total=116.6 [C90/270]Total=114.8		
Field angle(10%Imax)	: [C0/180]Total=158.6 [C90/270]Total=155.6		
Street Side UpWard Lumens	: 0.05%of Lamp 0.05%of Luminaire		
Street Side DownWard Lumens	: 49.95%of Lamp 49.95%of Luminaire		
House Side UpWard Lumens	: 0.05%of Lamp 0.05%of Luminaire		
House Side DownWard Lumens	: 49.95%of Lamp 49.95%of Luminaire		
SLI: 6.005 (C Flash Area: 0.002), Throw: 102.9 (long), Spread: 25.7 (narrow), Control: 6.005 (tight)			

Zonal flux distribution table

Appendix Page: 2 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	822.420	0.000	0	0.00%	0.00%
0.5	822.523	0.197	0.197	0.01%	0.01%
1.0	822.516	0.590	0.787	0.02%	0.03%
1.5	822.214	0.984	1.771	0.04%	0.07%
2.0	822.111	1.377	3.147	0.06%	0.13%
2.5	821.538	1.769	4.917	0.07%	0.20%
3.0	821.367	2.161	7.078	0.09%	0.29%
3.5	820.981	2.553	9.63	0.11%	0.40%
4.0	820.683	2.944	12.574	0.12%	0.52%
4.5	820.052	3.334	15.907	0.14%	0.66%
5.0	819.294	3.722	19.629	0.16%	0.82%
5.5	818.805	4.109	23.738	0.17%	0.99%
6.0	818.220	4.496	28.235	0.19%	1.18%
6.5	817.480	4.882	33.117	0.20%	1.38%
7.0	816.583	5.266	38.382	0.22%	1.60%
7.5	815.646	5.647	44.029	0.24%	1.83%
8.0	814.871	6.028	50.057	0.25%	2.09%
8.5	813.916	6.408	56.465	0.27%	2.35%
9.0	812.967	6.785	63.25	0.28%	2.64%
9.5	811.772	7.160	70.41	0.30%	2.93%
10.0	810.380	7.531	77.941	0.31%	3.25%
10.5	809.216	7.901	85.842	0.33%	3.58%
11.0	808.055	8.270	94.112	0.34%	3.92%
11.5	806.638	8.636	102.749	0.36%	4.28%
12.0	805.093	8.998	111.747	0.37%	4.66%
12.5	803.730	9.358	121.105	0.39%	5.05%
13.0	802.131	9.716	130.821	0.40%	5.45%
13.5	800.398	10.070	140.891	0.42%	5.87%
14.0	799.068	10.423	151.314	0.43%	6.30%
14.5	797.252	10.773	162.086	0.45%	6.75%
15.0	795.275	11.116	173.202	0.46%	7.22%
15.5	793.369	11.456	184.658	0.48%	7.69%
16.0	791.535	11.794	196.453	0.49%	8.19%
16.5	789.625	12.130	208.583	0.51%	8.69%
17.0	787.450	12.461	221.043	0.52%	9.21%
17.5	785.511	12.788	233.831	0.53%	9.74%
18.0	783.302	13.112	246.943	0.55%	10.29%
18.5	780.879	13.429	260.373	0.56%	10.85%

Zonal flux distribution table

Appendix Page: 3 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
19.0	778.813	13.745	274.117	0.57%	11.42%
19.5	776.367	14.057	288.174	0.59%	12.01%
20.0	774.109	14.364	302.538	0.60%	12.61%
20.5	771.516	14.666	317.204	0.61%	13.22%
21.0	769.017	14.963	332.167	0.62%	13.84%
21.5	766.373	15.256	347.424	0.64%	14.48%
22.0	763.720	15.544	362.968	0.65%	15.12%
22.5	761.201	15.830	378.798	0.66%	15.78%
23.0	758.178	16.108	394.906	0.67%	16.45%
23.5	755.403	16.380	411.286	0.68%	17.14%
24.0	752.452	16.649	427.935	0.69%	17.83%
24.5	749.650	16.914	444.849	0.70%	18.54%
25.0	746.713	17.175	462.024	0.72%	19.25%
25.5	743.349	17.426	479.449	0.73%	19.98%
26.0	740.191	17.670	497.119	0.74%	20.71%
26.5	736.980	17.912	515.031	0.75%	21.46%
27.0	733.701	18.148	533.178	0.76%	22.22%
27.5	730.685	18.382	551.561	0.77%	22.98%
28.0	727.157	18.609	570.17	0.78%	23.76%
28.5	723.640	18.826	588.996	0.78%	24.54%
29.0	720.000	19.037	608.033	0.79%	25.33%
29.5	716.667	19.245	627.278	0.80%	26.14%
30.0	713.168	19.451	646.729	0.81%	26.95%
30.5	709.229	19.645	666.374	0.82%	27.77%
31.0	705.665	19.833	686.207	0.83%	28.59%
31.5	701.838	20.018	706.226	0.83%	29.43%
32.0	697.884	20.193	726.418	0.84%	30.27%
32.5	693.989	20.362	746.781	0.85%	31.12%
33.0	690.102	20.528	767.308	0.86%	31.97%
33.5	686.110	20.687	787.995	0.86%	32.83%
34.0	681.871	20.836	808.831	0.87%	33.70%
34.5	677.672	20.977	829.808	0.87%	34.58%
35.0	673.536	21.115	850.923	0.88%	35.46%
35.5	669.143	21.245	872.168	0.89%	36.34%
36.0	665.096	21.371	893.539	0.89%	37.23%
36.5	660.638	21.492	915.031	0.90%	38.13%
37.0	656.098	21.599	936.63	0.90%	39.03%
37.5	651.530	21.699	958.329	0.90%	39.93%

Zonal flux distribution table

Appendix Page: 4 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	647.043	21.796	980.124	0.91%	40.84%
38.5	642.503	21.887	1002.012	0.91%	41.75%
39.0	637.687	21.968	1023.98	0.92%	42.67%
39.5	632.977	22.041	1046.02	0.92%	43.58%
40.0	628.034	22.106	1068.127	0.92%	44.51%
40.5	623.109	22.162	1090.289	0.92%	45.43%
41.0	618.337	22.217	1112.506	0.93%	46.35%
41.5	613.105	22.260	1134.766	0.93%	47.28%
42.0	608.115	22.294	1157.059	0.93%	48.21%
42.5	602.961	22.324	1179.384	0.93%	49.14%
43.0	597.879	22.347	1201.731	0.93%	50.07%
43.5	592.770	22.366	1224.097	0.93%	51.00%
44.0	587.243	22.371	1246.468	0.93%	51.94%
44.5	581.996	22.368	1268.835	0.93%	52.87%
45.0	576.747	22.365	1291.2	0.93%	53.80%
45.5	571.229	22.351	1313.551	0.93%	54.73%
46.0	565.694	22.327	1335.878	0.93%	55.66%
46.5	560.169	22.297	1358.174	0.93%	56.59%
47.0	554.596	22.260	1380.435	0.93%	57.52%
47.5	548.828	22.214	1402.649	0.93%	58.44%
48.0	543.351	22.164	1424.813	0.92%	59.37%
48.5	537.479	22.107	1446.92	0.92%	60.29%
49.0	531.715	22.038	1468.958	0.92%	61.21%
49.5	525.913	21.966	1490.924	0.92%	62.12%
50.0	520.014	21.885	1512.809	0.91%	63.03%
50.5	514.028	21.796	1534.605	0.91%	63.94%
51.0	508.023	21.698	1556.303	0.90%	64.85%
51.5	502.084	21.597	1577.9	0.90%	65.75%
52.0	495.985	21.488	1599.389	0.90%	66.64%
52.5	489.640	21.366	1620.754	0.89%	67.53%
53.0	483.433	21.235	1641.989	0.88%	68.42%
53.5	477.043	21.099	1663.088	0.88%	69.30%
54.0	470.538	20.950	1684.038	0.87%	70.17%
54.5	463.942	20.792	1704.83	0.87%	71.03%
55.0	457.328	20.626	1725.456	0.86%	71.89%
55.5	450.416	20.448	1745.903	0.85%	72.75%
56.0	443.346	20.254	1766.157	0.84%	73.59%
56.5	436.271	20.051	1786.208	0.84%	74.43%

Zonal flux distribution table

Appendix Page: 5 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
57.0	428.728	19.832	1806.04	0.83%	75.25%
57.5	421.176	19.597	1825.637	0.82%	76.07%
58.0	413.692	19.357	1844.994	0.81%	76.87%
58.5	406.100	19.112	1864.106	0.80%	77.67%
59.0	398.404	18.856	1882.962	0.79%	78.46%
59.5	390.769	18.594	1901.555	0.77%	79.23%
60.0	383.267	18.331	1919.886	0.76%	80.00%
60.5	375.743	18.066	1937.953	0.75%	80.75%
61.0	368.204	17.795	1955.748	0.74%	81.49%
61.5	360.952	17.526	1973.274	0.73%	82.22%
62.0	353.670	17.258	1990.532	0.72%	82.94%
62.5	346.258	16.982	2007.514	0.71%	83.65%
63.0	338.622	16.692	2024.206	0.70%	84.34%
63.5	330.921	16.391	2040.597	0.68%	85.02%
64.0	322.906	16.076	2056.674	0.67%	85.69%
64.5	314.666	15.744	2072.417	0.66%	86.35%
65.0	306.323	15.398	2087.816	0.64%	86.99%
65.5	297.608	15.036	2102.852	0.63%	87.62%
66.0	288.911	14.661	2117.513	0.61%	88.23%
66.5	280.602	14.291	2131.804	0.60%	88.83%
67.0	272.624	13.935	2145.739	0.58%	89.41%
67.5	264.594	13.582	2159.321	0.57%	89.97%
68.0	256.599	13.225	2172.546	0.55%	90.52%
68.5	248.635	12.865	2185.411	0.54%	91.06%
69.0	240.631	12.501	2197.913	0.52%	91.58%
69.5	232.660	12.134	2210.047	0.51%	92.09%
70.0	224.351	11.755	2221.801	0.49%	92.58%
70.5	215.793	11.357	2233.158	0.47%	93.05%
71.0	207.292	10.951	2244.109	0.46%	93.50%
71.5	198.883	10.545	2254.653	0.44%	93.94%
72.0	190.878	10.148	2264.801	0.42%	94.37%
72.5	182.935	9.760	2274.562	0.41%	94.77%
73.0	175.136	9.375	2283.937	0.39%	95.16%
73.5	167.273	8.989	2292.926	0.37%	95.54%
74.0	159.279	8.595	2301.521	0.36%	95.90%
74.5	150.990	8.187	2309.708	0.34%	96.24%
75.0	142.581	7.765	2317.473	0.32%	96.56%
75.5	134.401	7.343	2324.816	0.31%	96.87%

Zonal flux distribution table

Appendix Page: 6 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	126.442	6.931	2331.747	0.29%	97.16%
76.5	118.349	6.519	2338.266	0.27%	97.43%
77.0	110.769	6.114	2344.38	0.25%	97.68%
77.5	103.026	5.717	2350.097	0.24%	97.92%
78.0	95.262	5.312	2355.409	0.22%	98.14%
78.5	88.393	4.929	2360.338	0.21%	98.35%
79.0	81.372	4.565	2364.903	0.19%	98.54%
79.5	74.603	4.201	2369.104	0.18%	98.71%
80.0	67.392	3.831	2372.935	0.16%	98.87%
80.5	60.546	3.457	2376.392	0.14%	99.02%
81.0	53.899	3.097	2379.489	0.13%	99.15%
81.5	47.569	2.749	2382.238	0.11%	99.26%
82.0	41.501	2.417	2384.655	0.10%	99.36%
82.5	35.805	2.100	2386.755	0.09%	99.45%
83.0	30.669	1.808	2388.562	0.08%	99.52%
83.5	25.944	1.541	2390.104	0.06%	99.59%
84.0	22.079	1.309	2391.412	0.05%	99.64%
84.5	19.271	1.128	2392.54	0.05%	99.69%
85.0	16.579	0.979	2393.519	0.04%	99.73%
85.5	14.007	0.836	2394.355	0.03%	99.76%
86.0	11.654	0.702	2395.056	0.03%	99.79%
86.5	9.769	0.586	2395.642	0.02%	99.82%
87.0	8.169	0.491	2396.133	0.02%	99.84%
87.5	6.763	0.409	2396.542	0.02%	99.86%
88.0	5.449	0.335	2396.877	0.01%	99.87%
88.5	4.214	0.265	2397.142	0.01%	99.88%
89.0	3.220	0.204	2397.345	0.01%	99.89%
89.5	2.503	0.157	2397.502	0.01%	99.90%
90.0	1.962	0.122	2397.625	0.01%	99.90%
90.5	1.567	0.097	2397.721	0.00%	99.91%
91.0	1.277	0.078	2397.799	0.00%	99.91%
91.5	1.067	0.064	2397.864	0.00%	99.91%
92.0	0.870	0.053	2397.917	0.00%	99.91%
92.5	0.702	0.043	2397.96	0.00%	99.92%
93.0	0.579	0.035	2397.995	0.00%	99.92%
93.5	0.468	0.029	2398.024	0.00%	99.92%
94.0	0.394	0.024	2398.047	0.00%	99.92%
94.5	0.343	0.020	2398.067	0.00%	99.92%

Zonal flux distribution table

Appendix Page: 7 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
95.0	0.311	0.018	2398.085	0.00%	99.92%
95.5	0.291	0.016	2398.102	0.00%	99.92%
96.0	0.276	0.015	2398.117	0.00%	99.92%
96.5	0.262	0.015	2398.132	0.00%	99.92%
97.0	0.250	0.014	2398.146	0.00%	99.92%
97.5	0.241	0.013	2398.159	0.00%	99.92%
98.0	0.234	0.013	2398.172	0.00%	99.92%
98.5	0.230	0.013	2398.184	0.00%	99.92%
99.0	0.226	0.012	2398.197	0.00%	99.92%
99.5	0.223	0.012	2398.209	0.00%	99.93%
100.0	0.220	0.012	2398.221	0.00%	99.93%
100.5	0.217	0.012	2398.233	0.00%	99.93%
101.0	0.215	0.012	2398.244	0.00%	99.93%
101.5	0.213	0.011	2398.256	0.00%	99.93%
102.0	0.211	0.011	2398.267	0.00%	99.93%
102.5	0.209	0.011	2398.278	0.00%	99.93%
103.0	0.208	0.011	2398.29	0.00%	99.93%
103.5	0.207	0.011	2398.301	0.00%	99.93%
104.0	0.207	0.011	2398.312	0.00%	99.93%
104.5	0.206	0.011	2398.323	0.00%	99.93%
105.0	0.206	0.011	2398.334	0.00%	99.93%
105.5	0.205	0.011	2398.344	0.00%	99.93%
106.0	0.206	0.011	2398.355	0.00%	99.93%
106.5	0.206	0.011	2398.366	0.00%	99.93%
107.0	0.206	0.011	2398.377	0.00%	99.93%
107.5	0.207	0.011	2398.388	0.00%	99.93%
108.0	0.208	0.011	2398.399	0.00%	99.93%
108.5	0.208	0.011	2398.409	0.00%	99.93%
109.0	0.209	0.011	2398.42	0.00%	99.93%
109.5	0.211	0.011	2398.431	0.00%	99.93%
110.0	0.214	0.011	2398.442	0.00%	99.94%
110.5	0.215	0.011	2398.453	0.00%	99.94%
111.0	0.216	0.011	2398.464	0.00%	99.94%
111.5	0.217	0.011	2398.475	0.00%	99.94%
112.0	0.218	0.011	2398.486	0.00%	99.94%
112.5	0.220	0.011	2398.497	0.00%	99.94%
113.0	0.222	0.011	2398.509	0.00%	99.94%
113.5	0.225	0.011	2398.52	0.00%	99.94%

Zonal flux distribution table

Appendix Page: 8 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.227	0.011	2398.531	0.00%	99.94%
114.5	0.230	0.011	2398.543	0.00%	99.94%
115.0	0.233	0.012	2398.554	0.00%	99.94%
115.5	0.236	0.012	2398.566	0.00%	99.94%
116.0	0.239	0.012	2398.578	0.00%	99.94%
116.5	0.242	0.012	2398.589	0.00%	99.94%
117.0	0.245	0.012	2398.601	0.00%	99.94%
117.5	0.249	0.012	2398.613	0.00%	99.94%
118.0	0.253	0.012	2398.626	0.00%	99.94%
118.5	0.256	0.012	2398.638	0.00%	99.94%
119.0	0.260	0.012	2398.65	0.00%	99.94%
119.5	0.264	0.013	2398.663	0.00%	99.94%
120.0	0.268	0.013	2398.675	0.00%	99.94%
120.5	0.272	0.013	2398.688	0.00%	99.95%
121.0	0.276	0.013	2398.701	0.00%	99.95%
121.5	0.281	0.013	2398.714	0.00%	99.95%
122.0	0.285	0.013	2398.727	0.00%	99.95%
122.5	0.289	0.013	2398.741	0.00%	99.95%
123.0	0.294	0.013	2398.754	0.00%	99.95%
123.5	0.299	0.014	2398.768	0.00%	99.95%
124.0	0.304	0.014	2398.781	0.00%	99.95%
124.5	0.308	0.014	2398.795	0.00%	99.95%
125.0	0.313	0.014	2398.809	0.00%	99.95%
125.5	0.317	0.014	2398.823	0.00%	99.95%
126.0	0.322	0.014	2398.838	0.00%	99.95%
126.5	0.326	0.014	2398.852	0.00%	99.95%
127.0	0.331	0.014	2398.866	0.00%	99.95%
127.5	0.335	0.015	2398.881	0.00%	99.95%
128.0	0.340	0.015	2398.896	0.00%	99.95%
128.5	0.344	0.015	2398.91	0.00%	99.95%
129.0	0.348	0.015	2398.925	0.00%	99.96%
129.5	0.352	0.015	2398.94	0.00%	99.96%
130.0	0.356	0.015	2398.955	0.00%	99.96%
130.5	0.361	0.015	2398.97	0.00%	99.96%
131.0	0.365	0.015	2398.985	0.00%	99.96%
131.5	0.369	0.015	2399	0.00%	99.96%
132.0	0.373	0.015	2399.015	0.00%	99.96%
132.5	0.377	0.015	2399.03	0.00%	99.96%

Zonal flux distribution table

Appendix Page: 9 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
133.0	0.380	0.015	2399.046	0.00%	99.96%
133.5	0.384	0.015	2399.061	0.00%	99.96%
134.0	0.388	0.015	2399.076	0.00%	99.96%
134.5	0.391	0.015	2399.091	0.00%	99.96%
135.0	0.394	0.015	2399.107	0.00%	99.96%
135.5	0.398	0.015	2399.122	0.00%	99.96%
136.0	0.401	0.015	2399.137	0.00%	99.96%
136.5	0.404	0.015	2399.153	0.00%	99.96%
137.0	0.407	0.015	2399.168	0.00%	99.97%
137.5	0.410	0.015	2399.183	0.00%	99.97%
138.0	0.414	0.015	2399.198	0.00%	99.97%
138.5	0.417	0.015	2399.213	0.00%	99.97%
139.0	0.420	0.015	2399.228	0.00%	99.97%
139.5	0.423	0.015	2399.244	0.00%	99.97%
140.0	0.427	0.015	2399.259	0.00%	99.97%
140.5	0.430	0.015	2399.274	0.00%	99.97%
141.0	0.434	0.015	2399.289	0.00%	99.97%
141.5	0.437	0.015	2399.304	0.00%	99.97%
142.0	0.441	0.015	2399.318	0.00%	99.97%
142.5	0.445	0.015	2399.333	0.00%	99.97%
143.0	0.448	0.015	2399.348	0.00%	99.97%
143.5	0.452	0.015	2399.363	0.00%	99.97%
144.0	0.455	0.015	2399.378	0.00%	99.97%
144.5	0.457	0.015	2399.392	0.00%	99.97%
145.0	0.460	0.015	2399.407	0.00%	99.98%
145.5	0.463	0.014	2399.421	0.00%	99.98%
146.0	0.466	0.014	2399.435	0.00%	99.98%
146.5	0.469	0.014	2399.45	0.00%	99.98%
147.0	0.472	0.014	2399.464	0.00%	99.98%
147.5	0.475	0.014	2399.478	0.00%	99.98%
148.0	0.478	0.014	2399.492	0.00%	99.98%
148.5	0.480	0.014	2399.506	0.00%	99.98%
149.0	0.483	0.014	2399.519	0.00%	99.98%
149.5	0.485	0.014	2399.533	0.00%	99.98%
150.0	0.487	0.013	2399.546	0.00%	99.98%
150.5	0.489	0.013	2399.56	0.00%	99.98%
151.0	0.492	0.013	2399.573	0.00%	99.98%
151.5	0.494	0.013	2399.586	0.00%	99.98%

Zonal flux distribution table

Appendix Page: 10 Total:31

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.497	0.013	2399.599	0.00%	99.98%
152.5	0.500	0.013	2399.611	0.00%	99.98%
153.0	0.502	0.013	2399.624	0.00%	99.98%
153.5	0.505	0.012	2399.636	0.00%	99.98%
154.0	0.508	0.012	2399.649	0.00%	99.99%
154.5	0.510	0.012	2399.661	0.00%	99.99%
155.0	0.513	0.012	2399.673	0.00%	99.99%
155.5	0.515	0.012	2399.684	0.00%	99.99%
156.0	0.517	0.012	2399.696	0.00%	99.99%
156.5	0.519	0.011	2399.708	0.00%	99.99%
157.0	0.521	0.011	2399.719	0.00%	99.99%
157.5	0.523	0.011	2399.73	0.00%	99.99%
158.0	0.526	0.011	2399.741	0.00%	99.99%
158.5	0.528	0.011	2399.751	0.00%	99.99%
159.0	0.531	0.011	2399.762	0.00%	99.99%
159.5	0.534	0.010	2399.772	0.00%	99.99%
160.0	0.537	0.010	2399.782	0.00%	99.99%
160.5	0.540	0.010	2399.792	0.00%	99.99%
161.0	0.543	0.010	2399.802	0.00%	99.99%
161.5	0.546	0.010	2399.812	0.00%	99.99%
162.0	0.549	0.009	2399.821	0.00%	99.99%
162.5	0.552	0.009	2399.83	0.00%	99.99%
163.0	0.555	0.009	2399.839	0.00%	99.99%
163.5	0.557	0.009	2399.848	0.00%	99.99%
164.0	0.560	0.009	2399.857	0.00%	99.99%
164.5	0.562	0.008	2399.865	0.00%	99.99%
165.0	0.565	0.008	2399.873	0.00%	99.99%
165.5	0.568	0.008	2399.881	0.00%	100.00%
166.0	0.571	0.008	2399.889	0.00%	100.00%
166.5	0.574	0.007	2399.896	0.00%	100.00%
167.0	0.576	0.007	2399.903	0.00%	100.00%
167.5	0.579	0.007	2399.91	0.00%	100.00%
168.0	0.581	0.007	2399.917	0.00%	100.00%
168.5	0.583	0.007	2399.924	0.00%	100.00%
169.0	0.585	0.006	2399.93	0.00%	100.00%
169.5	0.587	0.006	2399.936	0.00%	100.00%
170.0	0.589	0.006	2399.942	0.00%	100.00%
170.5	0.590	0.005	2399.947	0.00%	100.00%

Zonal flux distribution table

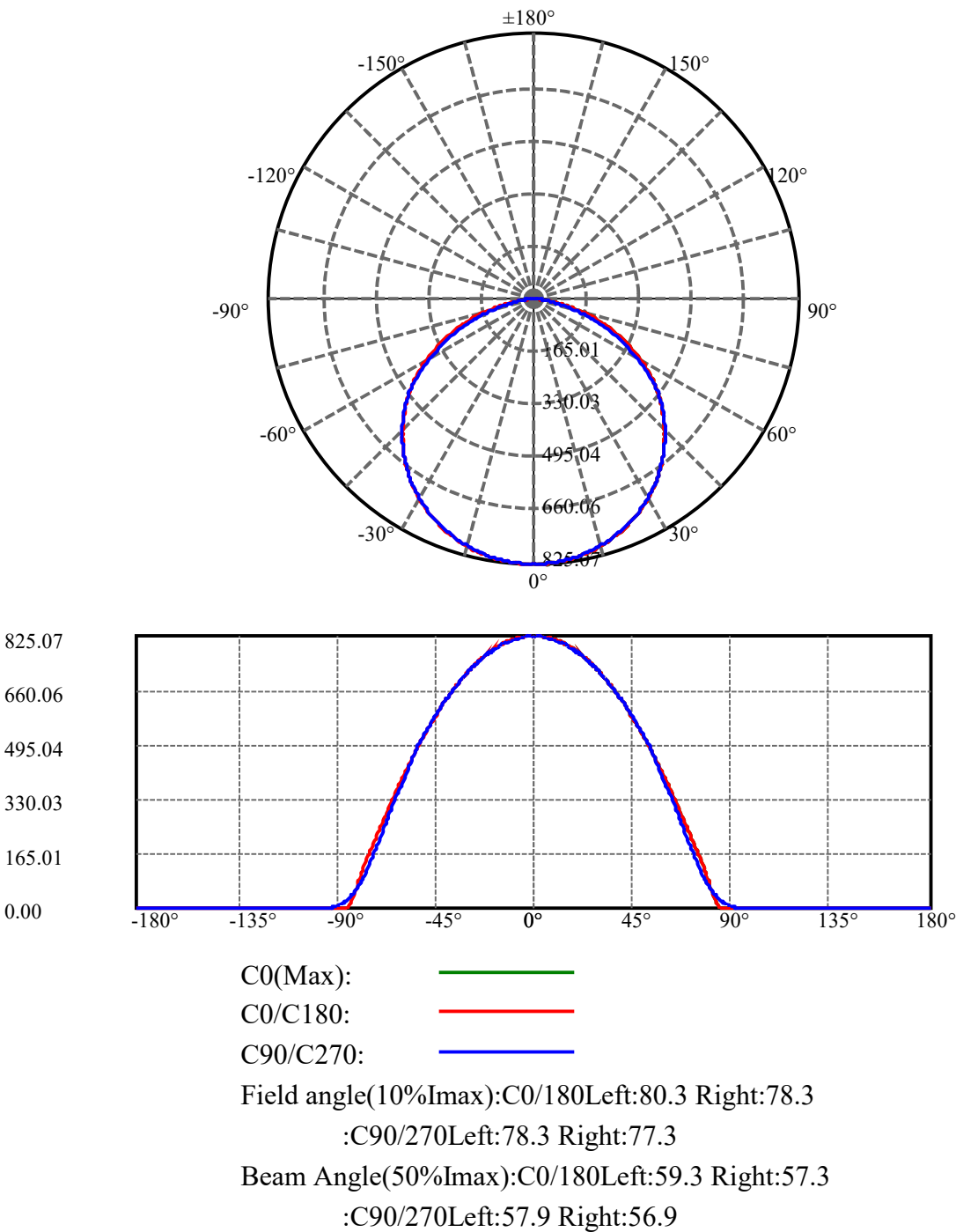
Appendix Page: 11 Total:31

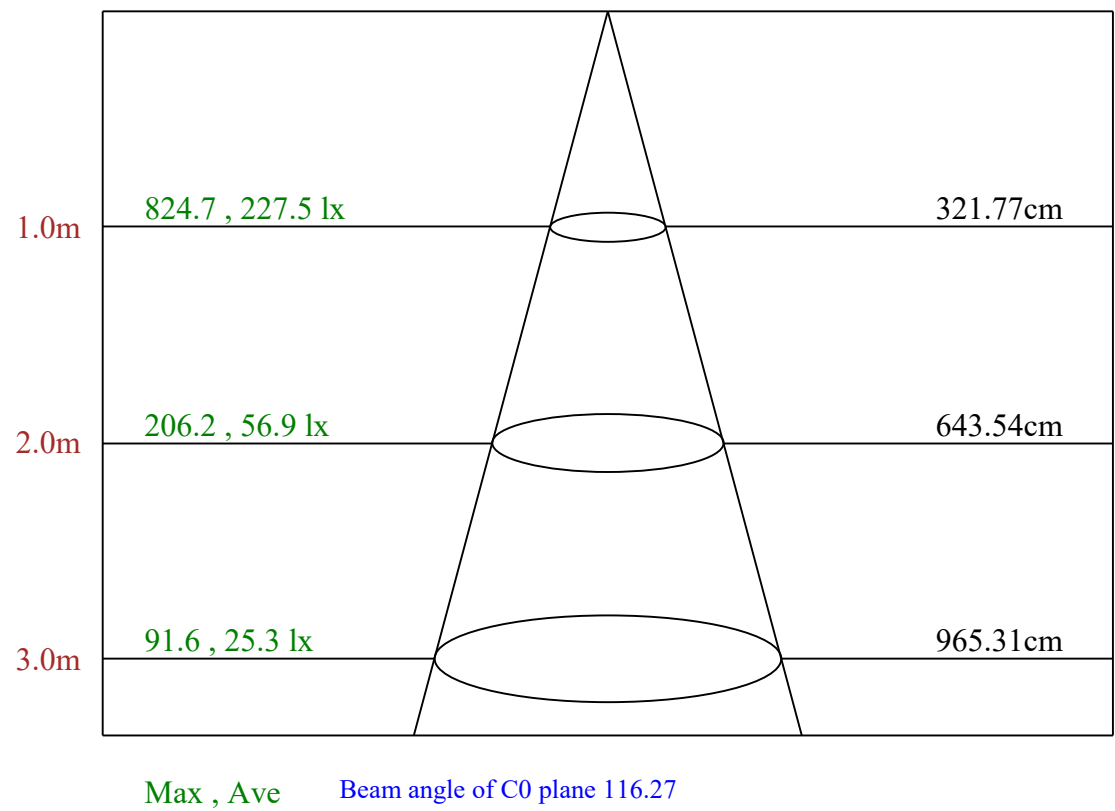
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
171.0	0.592	0.005	2399.952	0.00%	100.00%
171.5	0.594	0.005	2399.957	0.00%	100.00%
172.0	0.596	0.005	2399.962	0.00%	100.00%
172.5	0.598	0.004	2399.966	0.00%	100.00%
173.0	0.599	0.004	2399.971	0.00%	100.00%
173.5	0.601	0.004	2399.974	0.00%	100.00%
174.0	0.602	0.004	2399.978	0.00%	100.00%
174.5	0.604	0.003	2399.981	0.00%	100.00%
175.0	0.607	0.003	2399.984	0.00%	100.00%
175.5	0.610	0.003	2399.987	0.00%	100.00%
176.0	0.613	0.002	2399.99	0.00%	100.00%
176.5	0.616	0.002	2399.992	0.00%	100.00%
177.0	0.619	0.002	2399.994	0.00%	100.00%
177.5	0.622	0.002	2399.995	0.00%	100.00%
178.0	0.625	0.001	2399.997	0.00%	100.00%
178.5	0.629	0.001	2399.998	0.00%	100.00%
179.0	0.632	0.001	2399.999	0.00%	100.00%
179.5	0.634	0.000	2399.999	0.00%	100.00%
180.0	0.633	0.000	2399.999	0.00%	100.00%

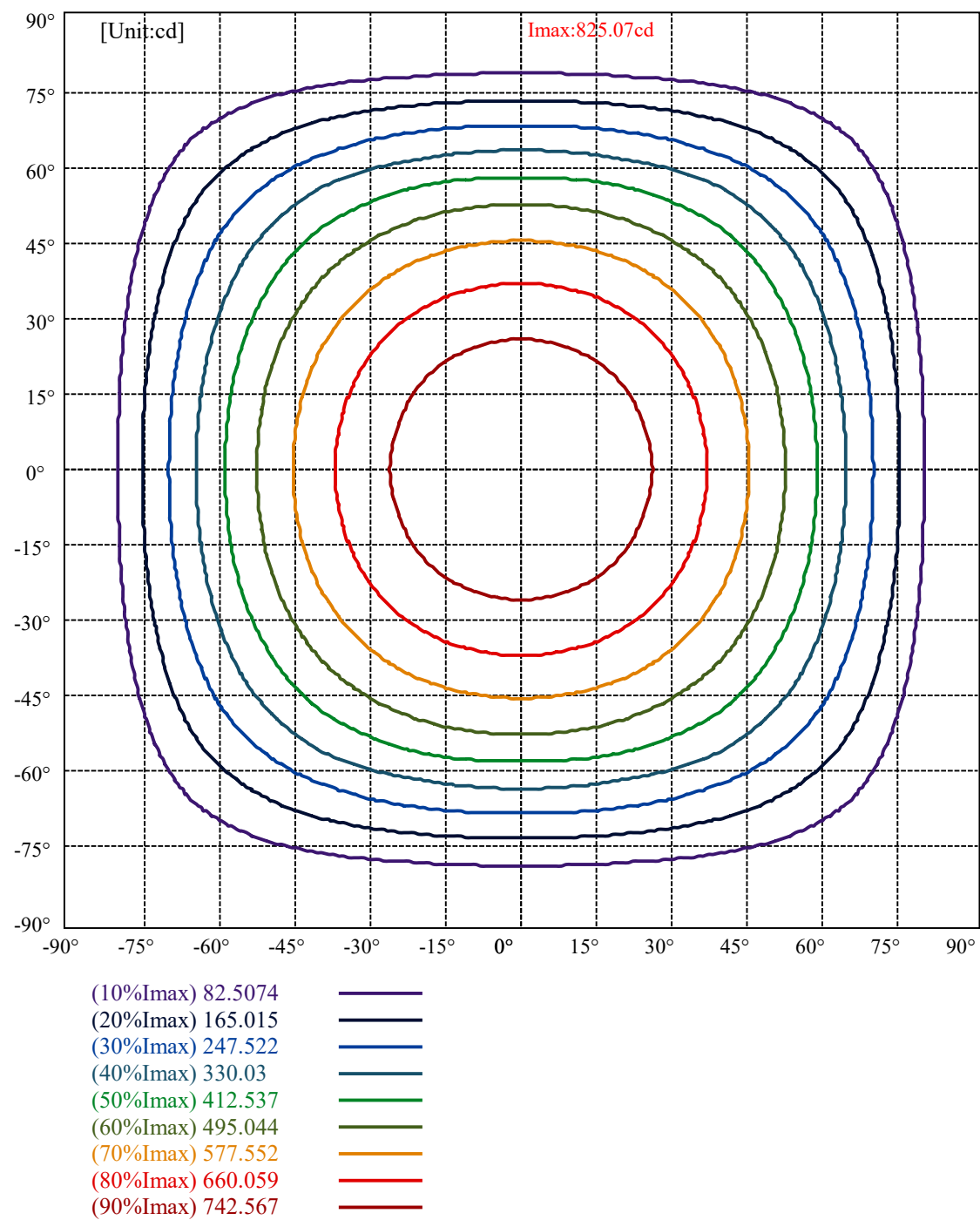
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	646.73	26.95%	26.95%
0-40	1068.13	44.51%	44.51%
0-60	1919.89	80.00%	80.00%
0-90	2397.62	99.90%	99.90%
0-120	2398.68	99.94%	99.94%
0-180	2400.00	100.00%	100.00%
60-90	477.74	19.91%	19.91%
90-120	1.05	0.04%	0.04%
90-130	1.33	0.06%	0.06%
90-150	1.92	0.08%	0.08%
90-180	2.37	0.10%	0.10%
0-60.00	1920.00	80.00%	80.00%

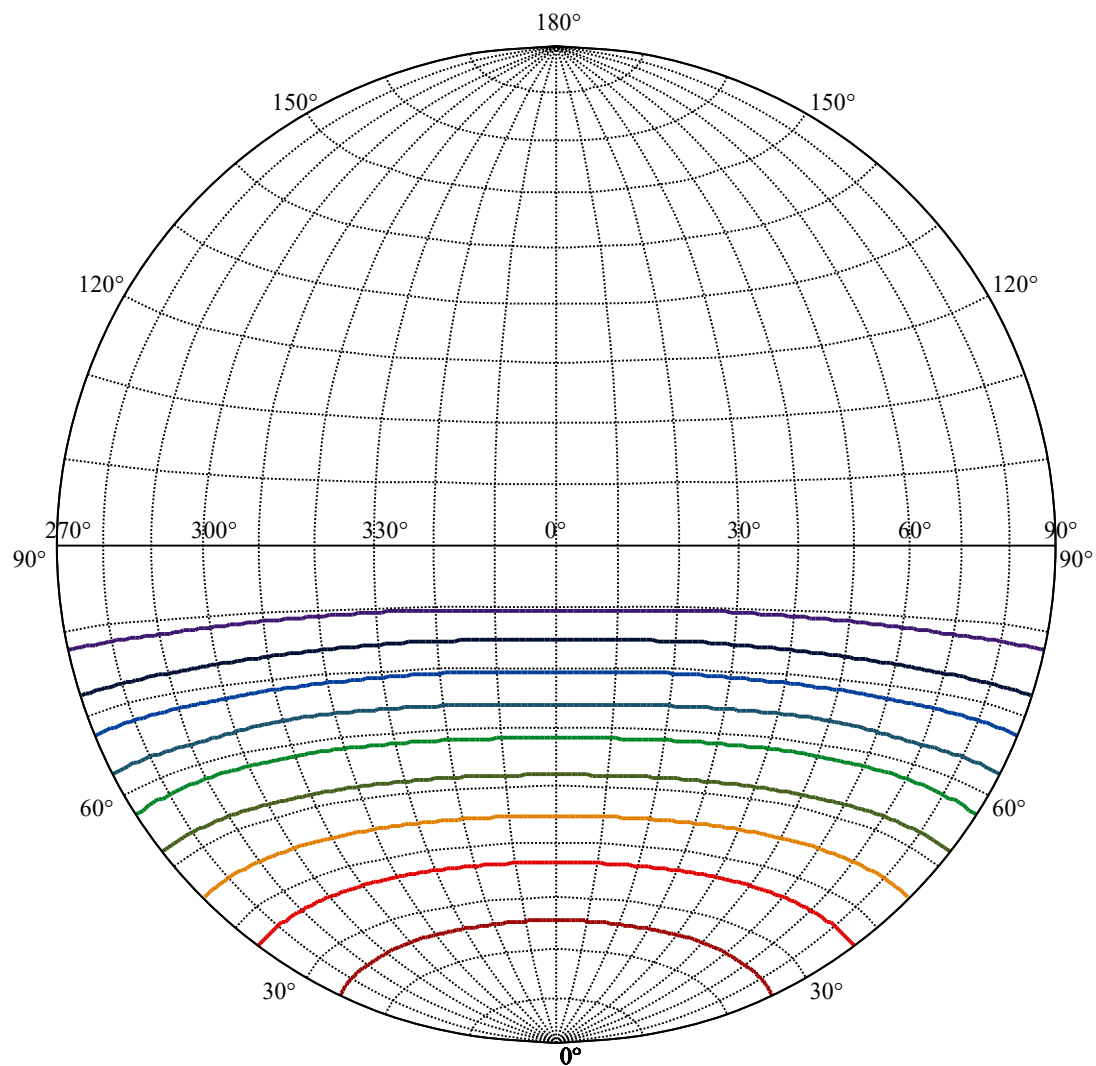
ZONAL LUMEN SUMMARY

0-10	77.94
10-20	224.60
20-30	344.19
30-40	421.40
40-50	444.68
50-60	407.08
60-70	301.91
70-80	151.13
80-90	24.69
90-100	0.60
100-110	0.22
110-120	0.23
120-130	0.28
130-140	0.30
140-150	0.29
150-160	0.24
160-170	0.16
170-180	0.06







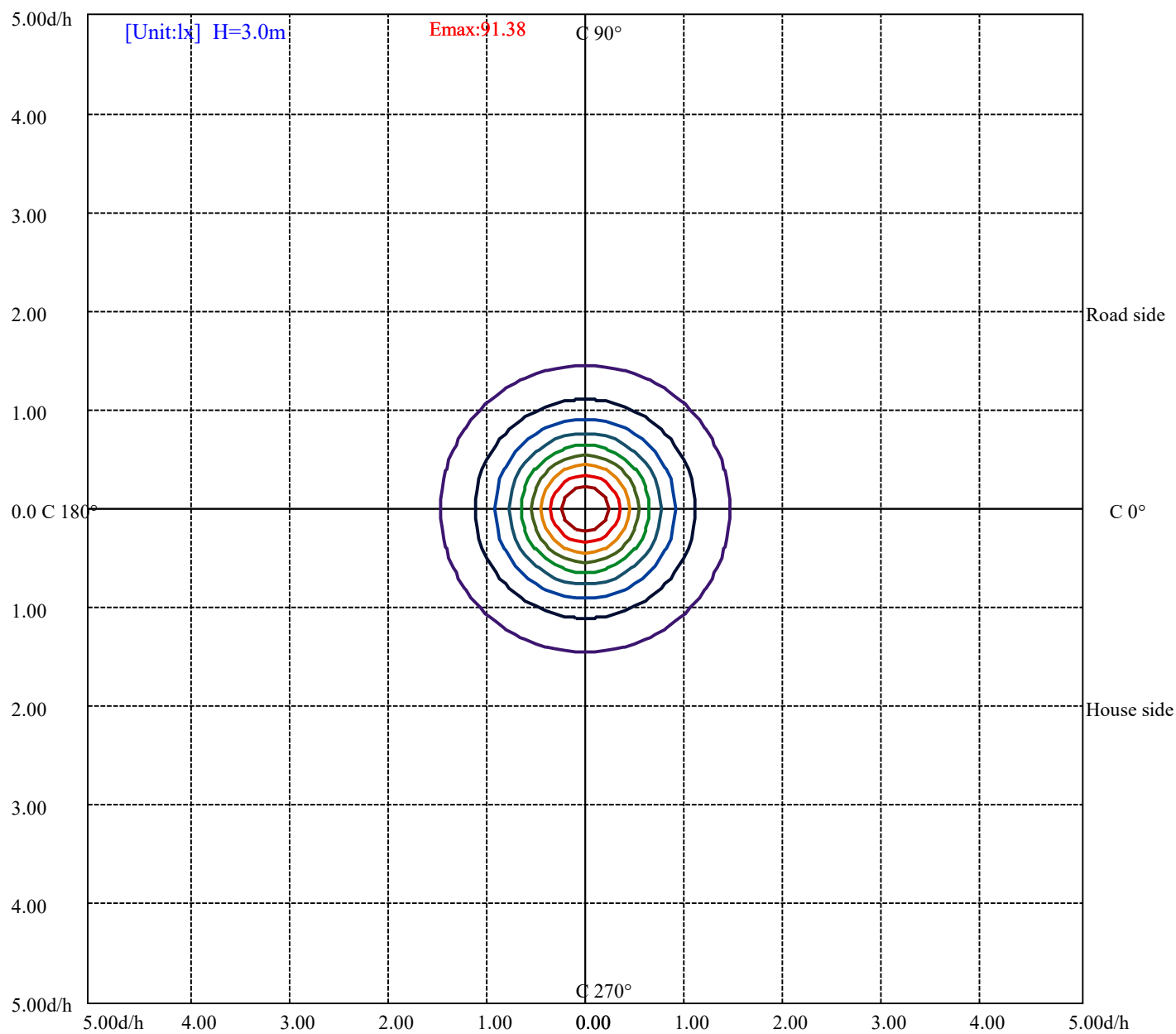


House

[Unit:cd]

Road

Imax:825.07	
(10%Imax) 82.5074	
(20%Imax) 165.015	
(30%Imax) 247.522	
(40%Imax) 330.03	
(50%Imax) 412.537	
(60%Imax) 495.044	
(70%Imax) 577.552	
(80%Imax) 660.059	
(90%Imax) 742.567	



C/ $\gamma(^{\circ})$	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
0.0	822.42	824.68	825.07	824.56	824.29	823.27	823.88	823.48	822.94
22.5	822.42	822.17	822.38	821.88	821.95	821.37	821.40	820.87	820.58
45.0	822.42	822.84	822.52	822.51	822.29	821.90	821.33	821.15	820.86
67.5	822.42	820.49	820.47	820.22	820.22	819.54	819.36	819.12	819.00
90.0	822.42	824.50	824.32	823.92	823.67	823.41	822.88	822.09	821.67
112.5	822.42	820.49	820.47	820.22	820.22	819.54	819.36	819.12	819.00
135.0	822.42	822.84	822.52	822.51	822.29	821.90	821.33	821.15	820.86
157.5	822.42	822.17	822.38	821.88	821.95	821.37	821.40	820.87	820.58
180.0	822.42	824.68	825.07	824.56	824.29	823.27	823.88	823.48	822.94
202.5	822.42	822.17	822.38	821.88	821.95	821.37	821.40	820.87	820.58
225.0	822.42	822.84	822.52	822.51	822.29	821.90	821.33	821.15	820.86
247.5	822.42	820.49	820.47	820.22	820.22	819.54	819.36	819.12	819.00
270.0	822.42	824.50	824.32	823.92	823.67	823.41	822.88	822.09	821.67
292.5	822.42	820.49	820.47	820.22	820.22	819.54	819.36	819.12	819.00
315.0	822.42	822.84	822.52	822.51	822.29	821.90	821.33	821.15	820.86
337.5	822.42	822.17	822.38	821.88	821.95	821.37	821.40	820.87	820.58
360.0	822.42	824.68	825.07	824.56	824.29	823.27	823.88	823.48	822.94

C/ $\gamma(^{\circ})$	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
0.0	821.99	821.22	820.82	820.64	819.81	818.66	817.53	817.09	816.01
22.5	819.70	818.88	818.61	818.10	817.41	816.72	815.35	814.61	813.80
45.0	820.38	819.42	818.89	818.18	817.28	816.42	815.82	814.87	814.01
67.5	818.48	817.90	817.28	816.65	816.08	815.27	814.50	813.59	812.46
90.0	821.32	820.75	820.05	819.27	818.49	817.18	816.32	815.73	814.78
112.5	818.48	817.90	817.28	816.65	816.08	815.27	814.50	813.59	812.46
135.0	820.38	819.42	818.89	818.18	817.28	816.42	815.82	814.87	814.01
157.5	819.70	818.88	818.61	818.10	817.41	816.72	815.35	814.61	813.80
180.0	821.99	821.22	820.82	820.64	819.81	818.66	817.53	817.09	816.01
202.5	819.70	818.88	818.61	818.10	817.41	816.72	815.35	814.61	813.80
225.0	820.38	819.42	818.89	818.18	817.28	816.42	815.82	814.87	814.01
247.5	818.48	817.90	817.28	816.65	816.08	815.27	814.50	813.59	812.46
270.0	821.32	820.75	820.05	819.27	818.49	817.18	816.32	815.73	814.78
292.5	818.48	817.90	817.28	816.65	816.08	815.27	814.50	813.59	812.46
315.0	820.38	819.42	818.89	818.18	817.28	816.42	815.82	814.87	814.01
337.5	819.70	818.88	818.61	818.10	817.41	816.72	815.35	814.61	813.80
360.0	821.99	821.22	820.82	820.64	819.81	818.66	817.53	817.09	816.01

C/ $\gamma(^{\circ})$	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0
0.0	814.74	813.85	812.64	811.36	810.29	808.45	807.18	805.53	804.52
22.5	812.74	811.72	809.81	808.73	807.82	806.48	804.81	803.44	801.56
45.0	812.97	811.53	810.34	809.13	807.94	807.11	805.27	803.87	802.24
67.5	812.07	810.62	809.56	808.35	807.11	805.44	804.17	802.98	801.35
90.0	813.44	812.61	810.97	809.94	808.42	806.61	805.08	803.75	802.23
112.5	812.07	810.62	809.56	808.35	807.11	805.44	804.17	802.98	801.35
135.0	812.97	811.53	810.34	809.13	807.94	807.11	805.27	803.87	802.24
157.5	812.74	811.72	809.81	808.73	807.82	806.48	804.81	803.44	801.56
180.0	814.74	813.85	812.64	811.36	810.29	808.45	807.18	805.53	804.52
202.5	812.74	811.72	809.81	808.73	807.82	806.48	804.81	803.44	801.56
225.0	812.97	811.53	810.34	809.13	807.94	807.11	805.27	803.87	802.24
247.5	812.07	810.62	809.56	808.35	807.11	805.44	804.17	802.98	801.35
270.0	813.44	812.61	810.97	809.94	808.42	806.61	805.08	803.75	802.23
292.5	812.07	810.62	809.56	808.35	807.11	805.44	804.17	802.98	801.35
315.0	812.97	811.53	810.34	809.13	807.94	807.11	805.27	803.87	802.24
337.5	812.74	811.72	809.81	808.73	807.82	806.48	804.81	803.44	801.56
360.0	814.74	813.85	812.64	811.36	810.29	808.45	807.18	805.53	804.52

Intensity data(cd)

Appendix Page: 19 Total:31

C/γ(°)	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5
0.0	802.64	801.40	798.96	796.88	795.29	793.79	791.68	789.86	786.98
22.5	800.07	798.72	796.99	795.07	793.02	791.01	789.51	786.94	785.18
45.0	800.30	799.12	797.83	795.58	793.79	792.02	789.88	787.81	786.05
67.5	799.42	798.30	796.12	794.25	792.42	790.50	788.59	786.49	784.39
90.0	800.95	798.86	797.17	795.51	793.21	791.43	789.38	787.27	785.87
112.5	799.42	798.30	796.12	794.25	792.42	790.50	788.59	786.49	784.39
135.0	800.30	799.12	797.83	795.58	793.79	792.02	789.88	787.81	786.05
157.5	800.07	798.72	796.99	795.07	793.02	791.01	789.51	786.94	785.18
180.0	802.64	801.40	798.96	796.88	795.29	793.79	791.68	789.86	786.98
202.5	800.07	798.72	796.99	795.07	793.02	791.01	789.51	786.94	785.18
225.0	800.30	799.12	797.83	795.58	793.79	792.02	789.88	787.81	786.05
247.5	799.42	798.30	796.12	794.25	792.42	790.50	788.59	786.49	784.39
270.0	800.95	798.86	797.17	795.51	793.21	791.43	789.38	787.27	785.87
292.5	799.42	798.30	796.12	794.25	792.42	790.50	788.59	786.49	784.39
315.0	800.30	799.12	797.83	795.58	793.79	792.02	789.88	787.81	786.05
337.5	800.07	798.72	796.99	795.07	793.02	791.01	789.51	786.94	785.18
360.0	802.64	801.40	798.96	796.88	795.29	793.79	791.68	789.86	786.98

C/γ(°)	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
0.0	785.36	782.64	780.51	778.09	775.76	773.20	770.90	767.80	765.21
22.5	782.68	780.22	778.58	776.08	773.54	770.97	768.14	766.08	763.40
45.0	783.85	781.53	779.14	776.81	774.34	771.89	769.67	766.66	764.08
67.5	782.49	780.09	778.02	775.53	773.55	770.84	768.32	765.70	762.97
90.0	783.00	780.70	778.52	775.99	774.25	771.54	768.98	766.32	763.66
112.5	782.49	780.09	778.02	775.53	773.55	770.84	768.32	765.70	762.97
135.0	783.85	781.53	779.14	776.81	774.34	771.89	769.67	766.66	764.08
157.5	782.68	780.22	778.58	776.08	773.54	770.97	768.14	766.08	763.40
180.0	785.36	782.64	780.51	778.09	775.76	773.20	770.90	767.80	765.21
202.5	782.68	780.22	778.58	776.08	773.54	770.97	768.14	766.08	763.40
225.0	783.85	781.53	779.14	776.81	774.34	771.89	769.67	766.66	764.08
247.5	782.49	780.09	778.02	775.53	773.55	770.84	768.32	765.70	762.97
270.0	783.00	780.70	778.52	775.99	774.25	771.54	768.98	766.32	763.66
292.5	782.49	780.09	778.02	775.53	773.55	770.84	768.32	765.70	762.97
315.0	783.85	781.53	779.14	776.81	774.34	771.89	769.67	766.66	764.08
337.5	782.68	780.22	778.58	776.08	773.54	770.97	768.14	766.08	763.40
360.0	785.36	782.64	780.51	778.09	775.76	773.20	770.90	767.80	765.21

C/γ(°)	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5
0.0	762.43	759.60	756.84	754.11	750.99	748.56	744.35	741.38	738.63
22.5	760.63	757.45	754.79	751.83	749.48	746.04	742.78	739.56	736.51
45.0	761.41	758.53	755.94	752.80	749.80	747.02	743.59	740.49	737.17
67.5	760.84	757.65	754.74	752.02	748.89	746.16	743.05	739.77	736.50
90.0	761.43	758.56	755.42	752.23	749.89	746.73	743.60	740.51	736.86
112.5	760.84	757.65	754.74	752.02	748.89	746.16	743.05	739.77	736.50
135.0	761.41	758.53	755.94	752.80	749.80	747.02	743.59	740.49	737.17
157.5	760.63	757.45	754.79	751.83	749.48	746.04	742.78	739.56	736.51
180.0	762.43	759.60	756.84	754.11	750.99	748.56	744.35	741.38	738.63
202.5	760.63	757.45	754.79	751.83	749.48	746.04	742.78	739.56	736.51
225.0	761.41	758.53	755.94	752.80	749.80	747.02	743.59	740.49	737.17
247.5	760.84	757.65	754.74	752.02	748.89	746.16	743.05	739.77	736.50
270.0	761.43	758.56	755.42	752.23	749.89	746.73	743.60	740.51	736.86
292.5	760.84	757.65	754.74	752.02	748.89	746.16	743.05	739.77	736.50
315.0	761.41	758.53	755.94	752.80	749.80	747.02	743.59	740.49	737.17
337.5	760.63	757.45	754.79	751.83	749.48	746.04	742.78	739.56	736.51
360.0	762.43	759.60	756.84	754.11	750.99	748.56	744.35	741.38	738.63

Intensity data(cd)

Appendix Page: 20 Total:31

C/γ(°)	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
0.0	734.97	732.24	728.45	725.00	721.53	717.88	714.32	710.28	706.60
22.5	733.39	730.10	726.63	723.18	719.34	716.13	712.90	709.04	705.37
45.0	733.70	730.69	727.30	723.95	720.32	716.67	712.92	709.35	705.81
67.5	733.31	730.35	726.81	723.21	719.49	716.43	713.03	708.77	705.39
90.0	733.84	730.97	727.33	723.44	720.17	717.01	713.32	709.23	705.60
112.5	733.31	730.35	726.81	723.21	719.49	716.43	713.03	708.77	705.39
135.0	733.70	730.69	727.30	723.95	720.32	716.67	712.92	709.35	705.81
157.5	733.39	730.10	726.63	723.18	719.34	716.13	712.90	709.04	705.37
180.0	734.97	732.24	728.45	725.00	721.53	717.88	714.32	710.28	706.60
202.5	733.39	730.10	726.63	723.18	719.34	716.13	712.90	709.04	705.37
225.0	733.70	730.69	727.30	723.95	720.32	716.67	712.92	709.35	705.81
247.5	733.31	730.35	726.81	723.21	719.49	716.43	713.03	708.77	705.39
270.0	733.84	730.97	727.33	723.44	720.17	717.01	713.32	709.23	705.60
292.5	733.31	730.35	726.81	723.21	719.49	716.43	713.03	708.77	705.39
315.0	733.70	730.69	727.30	723.95	720.32	716.67	712.92	709.35	705.81
337.5	733.39	730.10	726.63	723.18	719.34	716.13	712.90	709.04	705.37
360.0	734.97	732.24	728.45	725.00	721.53	717.88	714.32	710.28	706.60

C/γ(°)	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5
0.0	702.99	698.85	695.20	691.00	687.13	682.65	678.42	674.20	670.01
22.5	701.35	697.37	693.35	689.64	685.45	681.24	677.16	672.62	668.32
45.0	702.19	698.14	694.06	690.42	686.30	682.47	677.79	673.88	669.53
67.5	701.31	697.74	693.71	689.81	685.98	681.36	677.66	673.64	669.17
90.0	702.02	697.74	694.49	690.09	686.29	682.19	677.76	673.82	669.11
112.5	701.31	697.74	693.71	689.81	685.98	681.36	677.66	673.64	669.17
135.0	702.19	698.14	694.06	690.42	686.30	682.47	677.79	673.88	669.53
157.5	701.35	697.37	693.35	689.64	685.45	681.24	677.16	672.62	668.32
180.0	702.99	698.85	695.20	691.00	687.13	682.65	678.42	674.20	670.01
202.5	701.35	697.37	693.35	689.64	685.45	681.24	677.16	672.62	668.32
225.0	702.19	698.14	694.06	690.42	686.30	682.47	677.79	673.88	669.53
247.5	701.31	697.74	693.71	689.81	685.98	681.36	677.66	673.64	669.17
270.0	702.02	697.74	694.49	690.09	686.29	682.19	677.76	673.82	669.11
292.5	701.31	697.74	693.71	689.81	685.98	681.36	677.66	673.64	669.17
315.0	702.19	698.14	694.06	690.42	686.30	682.47	677.79	673.88	669.53
337.5	701.35	697.37	693.35	689.64	685.45	681.24	677.16	672.62	668.32
360.0	702.99	698.85	695.20	691.00	687.13	682.65	678.42	674.20	670.01

C/γ(°)	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0
0.0	665.40	661.06	656.53	651.86	647.16	642.46	637.41	633.24	627.91
22.5	664.51	659.91	655.63	650.76	646.49	642.18	637.19	632.40	627.51
45.0	665.53	661.06	656.35	652.07	647.56	642.73	638.14	633.32	628.58
67.5	665.04	660.61	656.06	651.57	646.95	642.51	637.76	633.08	627.90
90.0	665.19	660.87	656.17	651.58	647.20	642.73	637.92	632.97	628.38
112.5	665.04	660.61	656.06	651.57	646.95	642.51	637.76	633.08	627.90
135.0	665.53	661.06	656.35	652.07	647.56	642.73	638.14	633.32	628.58
157.5	664.51	659.91	655.63	650.76	646.49	642.18	637.19	632.40	627.51
180.0	665.40	661.06	656.53	651.86	647.16	642.46	637.41	633.24	627.91
202.5	664.51	659.91	655.63	650.76	646.49	642.18	637.19	632.40	627.51
225.0	665.53	661.06	656.35	652.07	647.56	642.73	638.14	633.32	628.58
247.5	665.04	660.61	656.06	651.57	646.95	642.51	637.76	633.08	627.90
270.0	665.19	660.87	656.17	651.58	647.20	642.73	637.92	632.97	628.38
292.5	665.04	660.61	656.06	651.57	646.95	642.51	637.76	633.08	627.90
315.0	665.53	661.06	656.35	652.07	647.56	642.73	638.14	633.32	628.58
337.5	664.51	659.91	655.63	650.76	646.49	642.18	637.19	632.40	627.51
360.0	665.40	661.06	656.53	651.86	647.16	642.46	637.41	633.24	627.91

Intensity data(cd)										Appendix Page: 21 Total:31	
C/γ(°)	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5		
0.0	622.82	617.58	612.74	607.52	602.47	597.11	591.84	586.25	581.34		
22.5	622.64	617.96	612.63	607.73	602.50	597.50	592.41	586.95	581.44		
45.0	623.64	618.84	613.43	608.44	603.33	598.23	593.14	587.39	582.10		
67.5	622.95	618.42	613.29	608.43	603.25	598.11	592.98	587.65	582.65		
90.0	623.61	618.67	613.41	608.21	603.06	598.25	593.26	587.70	582.26		
112.5	622.95	618.42	613.29	608.43	603.25	598.11	592.98	587.65	582.65		
135.0	623.64	618.84	613.43	608.44	603.33	598.23	593.14	587.39	582.10		
157.5	622.64	617.96	612.63	607.73	602.50	597.50	592.41	586.95	581.44		
180.0	622.82	617.58	612.74	607.52	602.47	597.11	591.84	586.25	581.34		
202.5	622.64	617.96	612.63	607.73	602.50	597.50	592.41	586.95	581.44		
225.0	623.64	618.84	613.43	608.44	603.33	598.23	593.14	587.39	582.10		
247.5	622.95	618.42	613.29	608.43	603.25	598.11	592.98	587.65	582.65		
270.0	623.61	618.67	613.41	608.21	603.06	598.25	593.26	587.70	582.26		
292.5	622.95	618.42	613.29	608.43	603.25	598.11	592.98	587.65	582.65		
315.0	623.64	618.84	613.43	608.44	603.33	598.23	593.14	587.39	582.10		
337.5	622.64	617.96	612.63	607.73	602.50	597.50	592.41	586.95	581.44		
360.0	622.82	617.58	612.74	607.52	602.47	597.11	591.84	586.25	581.34		
C/γ(°)	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0		
0.0	575.83	570.65	564.76	558.86	553.29	547.76	542.26	536.14	530.12		
22.5	576.44	570.83	565.20	559.88	554.21	548.32	543.05	536.89	531.30		
45.0	576.71	571.28	565.84	560.30	554.73	548.89	543.34	537.67	531.80		
67.5	577.30	571.67	566.21	560.74	555.20	549.43	543.83	538.07	532.29		
90.0	577.27	571.64	566.29	560.65	555.21	549.59	544.10	538.42	532.83		
112.5	577.30	571.67	566.21	560.74	555.20	549.43	543.83	538.07	532.29		
135.0	576.71	571.28	565.84	560.30	554.73	548.89	543.34	537.67	531.80		
157.5	576.44	570.83	565.20	559.88	554.21	548.32	543.05	536.89	531.30		
180.0	575.83	570.65	564.76	558.86	553.29	547.76	542.26	536.14	530.12		
202.5	576.44	570.83	565.20	559.88	554.21	548.32	543.05	536.89	531.30		
225.0	576.71	571.28	565.84	560.30	554.73	548.89	543.34	537.67	531.80		
247.5	577.30	571.67	566.21	560.74	555.20	549.43	543.83	538.07	532.29		
270.0	577.27	571.64	566.29	560.65	555.21	549.59	544.10	538.42	532.83		
292.5	577.30	571.67	566.21	560.74	555.20	549.43	543.83	538.07	532.29		
315.0	576.71	571.28	565.84	560.30	554.73	548.89	543.34	537.67	531.80		
337.5	576.44	570.83	565.20	559.88	554.21	548.32	543.05	536.89	531.30		
360.0	575.83	570.65	564.76	558.86	553.29	547.76	542.26	536.14	530.12		
C/γ(°)	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5		
0.0	524.29	518.21	512.25	506.73	500.55	494.39	488.17	481.83	475.57		
22.5	525.52	519.80	513.83	507.65	501.94	495.83	489.36	483.26	476.83		
45.0	525.97	520.06	514.17	507.99	501.90	495.95	489.79	483.61	477.26		
67.5	526.54	520.59	514.54	508.76	502.71	496.71	490.35	484.09	477.71		
90.0	526.95	521.00	514.88	508.65	503.02	496.53	489.95	483.71	477.18		
112.5	526.54	520.59	514.54	508.76	502.71	496.71	490.35	484.09	477.71		
135.0	525.97	520.06	514.17	507.99	501.90	495.95	489.79	483.61	477.26		
157.5	525.52	519.80	513.83	507.65	501.94	495.83	489.36	483.26	476.83		
180.0	524.29	518.21	512.25	506.73	500.55	494.39	488.17	481.83	475.57		
202.5	525.52	519.80	513.83	507.65	501.94	495.83	489.36	483.26	476.83		
225.0	525.97	520.06	514.17	507.99	501.90	495.95	489.79	483.61	477.26		
247.5	526.54	520.59	514.54	508.76	502.71	496.71	490.35	484.09	477.71		
270.0	526.95	521.00	514.88	508.65	503.02	496.53	489.95	483.71	477.18		
292.5	526.54	520.59	514.54	508.76	502.71	496.71	490.35	484.09	477.71		
315.0	525.97	520.06	514.17	507.99	501.90	495.95	489.79	483.61	477.26		
337.5	525.52	519.80	513.83	507.65	501.94	495.83	489.36	483.26	476.83		
360.0	524.29	518.21	512.25	506.73	500.55	494.39	488.17	481.83	475.57		

C/γ(°)	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0
0.0	469.31	462.47	456.06	449.87	442.96	436.29	429.44	422.58	415.86
22.5	470.29	463.87	457.52	450.84	444.12	437.64	430.62	423.86	417.11
45.0	470.71	464.45	458.10	451.31	444.69	438.17	431.33	424.57	417.86
67.5	471.47	464.90	458.36	451.43	444.45	436.97	428.72	420.23	411.56
90.0	470.06	462.62	454.60	446.29	437.30	428.31	419.05	409.52	400.64
112.5	471.47	464.90	458.36	451.43	444.45	436.97	428.72	420.23	411.56
135.0	470.71	464.45	458.10	451.31	444.69	438.17	431.33	424.57	417.86
157.5	470.29	463.87	457.52	450.84	444.12	437.64	430.62	423.86	417.11
180.0	469.31	462.47	456.06	449.87	442.96	436.29	429.44	422.58	415.86
202.5	470.29	463.87	457.52	450.84	444.12	437.64	430.62	423.86	417.11
225.0	470.71	464.45	458.10	451.31	444.69	438.17	431.33	424.57	417.86
247.5	471.47	464.90	458.36	451.43	444.45	436.97	428.72	420.23	411.56
270.0	470.06	462.62	454.60	446.29	437.30	428.31	419.05	409.52	400.64
292.5	471.47	464.90	458.36	451.43	444.45	436.97	428.72	420.23	411.56
315.0	470.71	464.45	458.10	451.31	444.69	438.17	431.33	424.57	417.86
337.5	470.29	463.87	457.52	450.84	444.12	437.64	430.62	423.86	417.11
360.0	469.31	462.47	456.06	449.87	442.96	436.29	429.44	422.58	415.86

C/γ(°)	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5
0.0	409.40	402.18	395.25	388.00	380.76	373.29	365.83	358.54	351.04
22.5	410.43	403.61	396.51	389.46	382.37	375.15	368.13	360.79	353.30
45.0	410.70	403.85	396.95	390.05	382.99	375.53	368.49	361.37	353.88
67.5	402.40	393.08	383.81	374.96	366.00	357.77	349.79	342.41	335.19
90.0	392.34	383.97	376.35	369.22	362.47	355.45	348.97	341.70	334.29
112.5	402.40	393.08	383.81	374.96	366.00	357.77	349.79	342.41	335.19
135.0	410.70	403.85	396.95	390.05	382.99	375.53	368.49	361.37	353.88
157.5	410.43	403.61	396.51	389.46	382.37	375.15	368.13	360.79	353.30
180.0	409.40	402.18	395.25	388.00	380.76	373.29	365.83	358.54	351.04
202.5	410.43	403.61	396.51	389.46	382.37	375.15	368.13	360.79	353.30
225.0	410.70	403.85	396.95	390.05	382.99	375.53	368.49	361.37	353.88
247.5	402.40	393.08	383.81	374.96	366.00	357.77	349.79	342.41	335.19
270.0	392.34	383.97	376.35	369.22	362.47	355.45	348.97	341.70	334.29
292.5	402.40	393.08	383.81	374.96	366.00	357.77	349.79	342.41	335.19
315.0	410.70	403.85	396.95	390.05	382.99	375.53	368.49	361.37	353.88
337.5	410.43	403.61	396.51	389.46	382.37	375.15	368.13	360.79	353.30
360.0	409.40	402.18	395.25	388.00	380.76	373.29	365.83	358.54	351.04

C/γ(°)	63.0	63.5	64.0	64.5	65.0	65.5	66.0	66.5	67.0
0.0	343.27	335.66	327.84	320.31	312.70	304.79	297.15	289.50	281.84
22.5	345.70	338.35	330.81	323.35	315.62	307.69	299.63	292.15	284.36
45.0	346.06	337.75	329.04	319.85	310.55	300.93	291.33	282.18	273.57
67.5	327.95	320.91	313.68	305.89	297.92	288.82	279.63	270.37	262.25
90.0	326.27	317.70	308.34	298.84	289.69	281.20	272.97	265.92	258.79
112.5	327.95	320.91	313.68	305.89	297.92	288.82	279.63	270.37	262.25
135.0	346.06	337.75	329.04	319.85	310.55	300.93	291.33	282.18	273.57
157.5	345.70	338.35	330.81	323.35	315.62	307.69	299.63	292.15	284.36
180.0	343.27	335.66	327.84	320.31	312.70	304.79	297.15	289.50	281.84
202.5	345.70	338.35	330.81	323.35	315.62	307.69	299.63	292.15	284.36
225.0	346.06	337.75	329.04	319.85	310.55	300.93	291.33	282.18	273.57
247.5	327.95	320.91	313.68	305.89	297.92	288.82	279.63	270.37	262.25
270.0	326.27	317.70	308.34	298.84	289.69	281.20	272.97	265.92	258.79
292.5	327.95	320.91	313.68	305.89	297.92	288.82	279.63	270.37	262.25
315.0	346.06	337.75	329.04	319.85	310.55	300.93	291.33	282.18	273.57
337.5	345.70	338.35	330.81	323.35	315.62	307.69	299.63	292.15	284.36
360.0	343.27	335.66	327.84	320.31	312.70	304.79	297.15	289.50	281.84

C/γ(°)	67.5	68.0	68.5	69.0	69.5	70.0	70.5	71.0	71.5
0.0	274.62	266.83	259.43	251.73	244.04	236.23	228.34	220.34	212.28
22.5	276.69	268.81	261.03	252.92	245.32	237.50	229.87	222.10	214.16
45.0	265.41	257.62	249.89	242.14	234.47	226.74	218.10	208.93	199.65
67.5	254.25	246.54	238.60	230.97	222.90	213.59	203.43	193.80	185.04
90.0	249.45	240.02	230.61	221.26	211.87	202.93	195.23	188.34	181.10
112.5	254.25	246.54	238.60	230.97	222.90	213.59	203.43	193.80	185.04
135.0	265.41	257.62	249.89	242.14	234.47	226.74	218.10	208.93	199.65
157.5	276.69	268.81	261.03	252.92	245.32	237.50	229.87	222.10	214.16
180.0	274.62	266.83	259.43	251.73	244.04	236.23	228.34	220.34	212.28
202.5	276.69	268.81	261.03	252.92	245.32	237.50	229.87	222.10	214.16
225.0	265.41	257.62	249.89	242.14	234.47	226.74	218.10	208.93	199.65
247.5	254.25	246.54	238.60	230.97	222.90	213.59	203.43	193.80	185.04
270.0	249.45	240.02	230.61	221.26	211.87	202.93	195.23	188.34	181.10
292.5	254.25	246.54	238.60	230.97	222.90	213.59	203.43	193.80	185.04
315.0	265.41	257.62	249.89	242.14	234.47	226.74	218.10	208.93	199.65
337.5	276.69	268.81	261.03	252.92	245.32	237.50	229.87	222.10	214.16
360.0	274.62	266.83	259.43	251.73	244.04	236.23	228.34	220.34	212.28
C/γ(°)	72.0	72.5	73.0	73.5	74.0	74.5	75.0	75.5	76.0
0.0	204.23	196.22	188.44	180.76	173.07	165.22	157.10	149.27	141.45
22.5	206.45	198.55	190.72	182.98	175.02	166.95	158.63	150.11	141.86
45.0	191.20	183.32	175.92	168.34	160.47	151.34	141.95	133.35	125.67
67.5	177.45	170.30	162.49	153.70	144.82	137.08	130.08	122.45	113.66
90.0	172.60	162.92	154.39	147.38	140.55	131.95	122.23	114.12	107.73
112.5	177.45	170.30	162.49	153.70	144.82	137.08	130.08	122.45	113.66
135.0	191.20	183.32	175.92	168.34	160.47	151.34	141.95	133.35	125.67
157.5	206.45	198.55	190.72	182.98	175.02	166.95	158.63	150.11	141.86
180.0	204.23	196.22	188.44	180.76	173.07	165.22	157.10	149.27	141.45
202.5	206.45	198.55	190.72	182.98	175.02	166.95	158.63	150.11	141.86
225.0	191.20	183.32	175.92	168.34	160.47	151.34	141.95	133.35	125.67
247.5	177.45	170.30	162.49	153.70	144.82	137.08	130.08	122.45	113.66
270.0	172.60	162.92	154.39	147.38	140.55	131.95	122.23	114.12	107.73
292.5	177.45	170.30	162.49	153.70	144.82	137.08	130.08	122.45	113.66
315.0	191.20	183.32	175.92	168.34	160.47	151.34	141.95	133.35	125.67
337.5	206.45	198.55	190.72	182.98	175.02	166.95	158.63	150.11	141.86
360.0	204.23	196.22	188.44	180.76	173.07	165.22	157.10	149.27	141.45
C/γ(°)	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5
0.0	132.00	123.31	115.04	105.30	97.10	88.46	79.74	68.12	57.49
22.5	133.70	125.91	117.39	108.96	101.10	92.84	85.06	76.90	68.78
45.0	118.42	110.79	102.88	95.66	88.89	81.37	74.38	67.53	61.06
67.5	105.33	98.81	91.36	83.42	77.20	71.74	66.26	60.62	55.37
90.0	99.89	91.84	85.91	80.72	75.69	70.61	65.68	60.92	56.47
112.5	105.33	98.81	91.36	83.42	77.20	71.74	66.26	60.62	55.37
135.0	118.42	110.79	102.88	95.66	88.89	81.37	74.38	67.53	61.06
157.5	133.70	125.91	117.39	108.96	101.10	92.84	85.06	76.90	68.78
180.0	132.00	123.31	115.04	105.30	97.10	88.46	79.74	68.12	57.49
202.5	133.70	125.91	117.39	108.96	101.10	92.84	85.06	76.90	68.78
225.0	118.42	110.79	102.88	95.66	88.89	81.37	74.38	67.53	61.06
247.5	105.33	98.81	91.36	83.42	77.20	71.74	66.26	60.62	55.37
270.0	99.89	91.84	85.91	80.72	75.69	70.61	65.68	60.92	56.47
292.5	105.33	98.81	91.36	83.42	77.20	71.74	66.26	60.62	55.37
315.0	118.42	110.79	102.88	95.66	88.89	81.37	74.38	67.53	61.06
337.5	133.70	125.91	117.39	108.96	101.10	92.84	85.06	76.90	68.78
360.0	132.00	123.31	115.04	105.30	97.10	88.46	79.74	68.12	57.49

Intensity data(cd)										Appendix Page: 24 Total:31	
C/γ(°)	81.0	81.5	82.0	82.5	83.0	83.5	84.0	84.5	85.0		
0.0	47.22	38.44	30.15	22.16	15.23	8.35	1.51	1.33	1.15		
22.5	60.73	52.91	45.29	38.44	32.36	27.16	23.51	20.03	16.65		
45.0	54.98	49.16	43.66	38.21	33.05	28.50	25.08	21.86	18.94		
67.5	50.22	45.19	40.33	36.02	32.12	28.24	24.99	22.21	19.42		
90.0	52.11	47.61	43.29	38.93	35.06	31.40	27.96	24.64	21.46		
112.5	50.22	45.19	40.33	36.02	32.12	28.24	24.99	22.21	19.42		
135.0	54.98	49.16	43.66	38.21	33.05	28.50	25.08	21.86	18.94		
157.5	60.73	52.91	45.29	38.44	32.36	27.16	23.51	20.03	16.65		
180.0	47.22	38.44	30.15	22.16	15.23	8.35	1.51	1.33	1.15		
202.5	60.73	52.91	45.29	38.44	32.36	27.16	23.51	20.03	16.65		
225.0	54.98	49.16	43.66	38.21	33.05	28.50	25.08	21.86	18.94		
247.5	50.22	45.19	40.33	36.02	32.12	28.24	24.99	22.21	19.42		
270.0	52.11	47.61	43.29	38.93	35.06	31.40	27.96	24.64	21.46		
292.5	50.22	45.19	40.33	36.02	32.12	28.24	24.99	22.21	19.42		
315.0	54.98	49.16	43.66	38.21	33.05	28.50	25.08	21.86	18.94		
337.5	60.73	52.91	45.29	38.44	32.36	27.16	23.51	20.03	16.65		
360.0	47.22	38.44	30.15	22.16	15.23	8.35	1.51	1.33	1.15		
C/γ(°)	85.5	86.0	86.5	87.0	87.5	88.0	88.5	89.0	89.5		
0.0	0.97	0.79	0.57	0.43	0.36	0.29	0.23	0.16	0.13		
22.5	13.44	10.62	8.52	6.95	5.42	3.90	2.52	1.51	1.06		
45.0	16.07	13.27	11.30	9.35	7.70	6.37	5.07	3.96	3.10		
67.5	16.81	14.46	12.34	10.60	8.89	7.28	5.82	4.69	3.76		
90.0	18.45	15.76	13.28	11.13	9.71	8.23	6.68	5.28	4.06		
112.5	16.81	14.46	12.34	10.60	8.89	7.28	5.82	4.69	3.76		
135.0	16.07	13.27	11.30	9.35	7.70	6.37	5.07	3.96	3.10		
157.5	13.44	10.62	8.52	6.95	5.42	3.90	2.52	1.51	1.06		
180.0	0.97	0.79	0.57	0.43	0.36	0.29	0.23	0.16	0.13		
202.5	13.44	10.62	8.52	6.95	5.42	3.90	2.52	1.51	1.06		
225.0	16.07	13.27	11.30	9.35	7.70	6.37	5.07	3.96	3.10		
247.5	16.81	14.46	12.34	10.60	8.89	7.28	5.82	4.69	3.76		
270.0	18.45	15.76	13.28	11.13	9.71	8.23	6.68	5.28	4.06		
292.5	16.81	14.46	12.34	10.60	8.89	7.28	5.82	4.69	3.76		
315.0	16.07	13.27	11.30	9.35	7.70	6.37	5.07	3.96	3.10		
337.5	13.44	10.62	8.52	6.95	5.42	3.90	2.52	1.51	1.06		
360.0	0.97	0.79	0.57	0.43	0.36	0.29	0.23	0.16	0.13		
C/γ(°)	90.0	90.5	91.0	91.5	92.0	92.5	93.0	93.5	94.0		
0.0	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.15		
22.5	0.74	0.57	0.45	0.38	0.32	0.26	0.25	0.24	0.23		
45.0	2.24	1.65	1.32	1.13	0.95	0.79	0.63	0.48	0.42		
67.5	2.96	2.31	1.78	1.42	1.20	1.01	0.86	0.70	0.57		
90.0	3.69	3.36	2.99	2.54	1.89	1.36	1.03	0.77	0.57		
112.5	2.96	2.31	1.78	1.42	1.20	1.01	0.86	0.70	0.57		
135.0	2.24	1.65	1.32	1.13	0.95	0.79	0.63	0.48	0.42		
157.5	0.74	0.57	0.45	0.38	0.32	0.26	0.25	0.24	0.23		
180.0	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.15		
202.5	0.74	0.57	0.45	0.38	0.32	0.26	0.25	0.24	0.23		
225.0	2.24	1.65	1.32	1.13	0.95	0.79	0.63	0.48	0.42		
247.5	2.96	2.31	1.78	1.42	1.20	1.01	0.86	0.70	0.57		
270.0	3.69	3.36	2.99	2.54	1.89	1.36	1.03	0.77	0.57		
292.5	2.96	2.31	1.78	1.42	1.20	1.01	0.86	0.70	0.57		
315.0	2.24	1.65	1.32	1.13	0.95	0.79	0.63	0.48	0.42		
337.5	0.74	0.57	0.45	0.38	0.32	0.26	0.25	0.24	0.23		
360.0	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.15		

Intensity data(cd)									Appendix Page: 25 Total:31
C/γ(°)	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5
0.0	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16
22.5	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.19
45.0	0.39	0.38	0.37	0.35	0.34	0.33	0.31	0.31	0.30
67.5	0.48	0.43	0.39	0.35	0.32	0.29	0.27	0.26	0.26
90.0	0.40	0.29	0.25	0.23	0.23	0.22	0.21	0.20	0.19
112.5	0.48	0.43	0.39	0.35	0.32	0.29	0.27	0.26	0.26
135.0	0.39	0.38	0.37	0.35	0.34	0.33	0.31	0.31	0.30
157.5	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.19
180.0	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16
202.5	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.19
225.0	0.39	0.38	0.37	0.35	0.34	0.33	0.31	0.31	0.30
247.5	0.48	0.43	0.39	0.35	0.32	0.29	0.27	0.26	0.26
270.0	0.40	0.29	0.25	0.23	0.23	0.22	0.21	0.20	0.19
292.5	0.48	0.43	0.39	0.35	0.32	0.29	0.27	0.26	0.26
315.0	0.39	0.38	0.37	0.35	0.34	0.33	0.31	0.31	0.30
337.5	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.19
360.0	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16
C/γ(°)	99.0	99.5	100.0	100.5	101.0	101.5	102.0	102.5	103.0
0.0	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
22.5	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17
45.0	0.29	0.28	0.28	0.27	0.26	0.26	0.26	0.25	0.25
67.5	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23
90.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
112.5	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23
135.0	0.29	0.28	0.28	0.27	0.26	0.26	0.26	0.25	0.25
157.5	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17
180.0	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
202.5	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17
225.0	0.29	0.28	0.28	0.27	0.26	0.26	0.26	0.25	0.25
247.5	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23
270.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
292.5	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23
315.0	0.29	0.28	0.28	0.27	0.26	0.26	0.26	0.25	0.25
337.5	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17
360.0	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
C/γ(°)	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5
0.0	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
22.5	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
45.0	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24
67.5	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22
90.0	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20
112.5	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22
135.0	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24
157.5	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
180.0	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
202.5	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
225.0	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24
247.5	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22
270.0	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20
292.5	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22
315.0	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24
337.5	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
360.0	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18

Intensity data(cd)										Appendix Page: 26 Total:31	
C/γ(°)	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0		
0.0	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20		
22.5	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20		
45.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24		
67.5	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23		
90.0	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21		
112.5	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23		
135.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24		
157.5	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20		
180.0	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20		
202.5	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20		
225.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24		
247.5	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23		
270.0	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21		
292.5	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23		
315.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24		
337.5	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20		
360.0	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20		
C/γ(°)	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5		
0.0	0.20	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.23		
22.5	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24		
45.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
67.5	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
90.0	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24		
112.5	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
135.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
157.5	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24		
180.0	0.20	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.23		
202.5	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24		
225.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
247.5	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
270.0	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24		
292.5	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
315.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25		
337.5	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24		
360.0	0.20	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.23		
C/γ(°)	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0		
0.0	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27		
22.5	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27		
45.0	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28		
67.5	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28		
90.0	0.24	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27		
112.5	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28		
135.0	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28		
157.5	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27		
180.0	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27		
202.5	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27		
225.0	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28		
247.5	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28		
270.0	0.24	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27		
292.5	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28		
315.0	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28		
337.5	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27		
360.0	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27		

Intensity data(cd)										Appendix Page: 27 Total:31	
C/γ(°)	121.5	122.0	122.5	123.0	123.5	124.0	124.5	125.0	125.5		
0.0	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32		
22.5	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
45.0	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.33	0.33		
67.5	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.31		
90.0	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
112.5	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.31		
135.0	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.33	0.33		
157.5	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
180.0	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32		
202.5	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
225.0	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.33	0.33		
247.5	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.31		
270.0	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
292.5	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.31		
315.0	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.33	0.33		
337.5	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31		
360.0	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32		
C/γ(°)	126.0	126.5	127.0	127.5	128.0	128.5	129.0	129.5	130.0		
0.0	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36		
22.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36		
45.0	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37		
67.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35		
90.0	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35		
112.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35		
135.0	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37		
157.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36		
180.0	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36		
202.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36		
225.0	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37		
247.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35		
270.0	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35		
292.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35		
315.0	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37		
337.5	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36		
360.0	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36		
C/γ(°)	130.5	131.0	131.5	132.0	132.5	133.0	133.5	134.0	134.5		
0.0	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.40		
22.5	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39		
45.0	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40		
67.5	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39		
90.0	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39		
112.5	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39		
135.0	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40		
157.5	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39		
180.0	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.40		
202.5	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39		
225.0	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40		
247.5	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39		
270.0	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39		
292.5	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39		
315.0	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40		
337.5	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39		
360.0	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.40		

C/γ(°)	135.0	135.5	136.0	136.5	137.0	137.5	138.0	138.5	139.0
0.0	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.43
22.5	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42
45.0	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42
67.5	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42
90.0	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.42
112.5	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42
135.0	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42
157.5	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42
180.0	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.43
202.5	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42
225.0	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42
247.5	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42
270.0	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.42
292.5	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42
315.0	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42
337.5	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42
360.0	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.43
C/γ(°)	139.5	140.0	140.5	141.0	141.5	142.0	142.5	143.0	143.5
0.0	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46
22.5	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45
45.0	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45
67.5	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45
90.0	0.42	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45
112.5	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45
135.0	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45
157.5	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45
180.0	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46
202.5	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45
225.0	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45
247.5	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45
270.0	0.42	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45
292.5	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45
315.0	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45
337.5	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45
360.0	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46
C/γ(°)	144.0	144.5	145.0	145.5	146.0	146.5	147.0	147.5	148.0
0.0	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.49
22.5	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48
45.0	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48
67.5	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47
90.0	0.45	0.45	0.46	0.46	0.46	0.46	0.47	0.47	0.47
112.5	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47
135.0	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48
157.5	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48
180.0	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.49
202.5	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48
225.0	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48
247.5	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47
270.0	0.45	0.45	0.46	0.46	0.46	0.46	0.47	0.47	0.47
292.5	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47
315.0	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48
337.5	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48
360.0	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.49

C/γ(°)	148.5	149.0	149.5	150.0	150.5	151.0	151.5	152.0	152.5
0.0	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.51	0.51
22.5	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50
45.0	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.50
67.5	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50
90.0	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.50
112.5	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50
135.0	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.50
157.5	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50
180.0	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.51	0.51
202.5	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50
225.0	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.50
247.5	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50
270.0	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.50
292.5	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50
315.0	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.50
337.5	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50
360.0	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.51	0.51
C/γ(°)	153.0	153.5	154.0	154.5	155.0	155.5	156.0	156.5	157.0
0.0	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.53	0.53
22.5	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53
45.0	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52
67.5	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52
90.0	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.51
112.5	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52
135.0	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52
157.5	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53
180.0	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.53	0.53
202.5	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53
225.0	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52
247.5	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52
270.0	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.51
292.5	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52
315.0	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52
337.5	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53
360.0	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.53	0.53
C/γ(°)	157.5	158.0	158.5	159.0	159.5	160.0	160.5	161.0	161.5
0.0	0.53	0.53	0.53	0.54	0.54	0.54	0.55	0.55	0.55
22.5	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55
45.0	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.55
67.5	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54
90.0	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.54
112.5	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54
135.0	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.55
157.5	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55
180.0	0.53	0.53	0.53	0.54	0.54	0.54	0.55	0.55	0.55
202.5	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55
225.0	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.55
247.5	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54
270.0	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.54
292.5	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54
315.0	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.55
337.5	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55
360.0	0.53	0.53	0.53	0.54	0.54	0.54	0.55	0.55	0.55

Intensity data(cd)										Appendix Page: 30 Total:31	
C/γ(°)	162.0	162.5	163.0	163.5	164.0	164.5	165.0	165.5	166.0		
0.0	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.58		
22.5	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57		
45.0	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57		
67.5	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57		
90.0	0.54	0.54	0.55	0.55	0.55	0.55	0.56	0.56	0.56		
112.5	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57		
135.0	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57		
157.5	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57		
180.0	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.58		
202.5	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57		
225.0	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57		
247.5	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57		
270.0	0.54	0.54	0.55	0.55	0.55	0.55	0.56	0.56	0.56		
292.5	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57		
315.0	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57		
337.5	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57		
360.0	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.58		
C/γ(°)	166.5	167.0	167.5	168.0	168.5	169.0	169.5	170.0	170.5		
0.0	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.59		
22.5	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
45.0	0.57	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
67.5	0.57	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59		
90.0	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.59		
112.5	0.57	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59		
135.0	0.57	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
157.5	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
180.0	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.59		
202.5	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
225.0	0.57	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
247.5	0.57	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59		
270.0	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.59		
292.5	0.57	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59		
315.0	0.57	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
337.5	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59		
360.0	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.59		
C/γ(°)	171.0	171.5	172.0	172.5	173.0	173.5	174.0	174.5	175.0		
0.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
22.5	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
45.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
67.5	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
90.0	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.61		
112.5	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
135.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
157.5	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
180.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
202.5	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
225.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
247.5	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
270.0	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.61		
292.5	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
315.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61		
337.5	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		
360.0	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61		

Intensity data(cd)									Appendix Page: 31 Total:31	
C/ γ (°)	175.5	176.0	176.5	177.0	177.5	178.0	178.5	179.0	179.5	
0.0	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	
22.5	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	
45.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
67.5	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
90.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
112.5	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
135.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
157.5	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	
180.0	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	
202.5	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	
225.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
247.5	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
270.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
292.5	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
315.0	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	
337.5	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	
360.0	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	
C/ γ (°)	180.0									
0.0	0.63									
22.5	0.63									
45.0	0.63									
67.5	0.63									
90.0	0.63									
112.5	0.63									
135.0	0.63									
157.5	0.63									
180.0	0.63									
202.5	0.63									
225.0	0.63									
247.5	0.63									
270.0	0.63									
292.5	0.63									
315.0	0.63									
337.5	0.63									
360.0	0.63									