Report No	:	Voltage	: V
Test No	: A2406454A001	Current	: A
LumCAT	: LIT by CARDI	Power	: 10.000 W
Luminaire	: 0017440193 10W 4000K 1200lm	PF	:
LampCAT	:	Ballast type	:
Lamp flux	: 1200.0 lm	Width	: 65 mm
Number of Lamps	: 1	Length	: 107 mm
Phm Type	: C	Height	: 0 mm

Photometric Results

Lumens(lm)	: 1200.00	Central intensity(cd)	: 503.357
Efficiency(%)	: 100.00%	Maximum intensity(cd)	: 503.916
Luminous Efficacy(lm/W)	: 120.00	Angle of maximum intensity	: C=67.5 γ=2.0
IES Classification	: TypeII	Max Cd(At 90°Vert)	: 0.038
Longitudinal Classification	: VeryShort	Max Cd(80 to 90°Vert)	: 13.3
Cut Off Classification	: FullCutoff		

Beam Angle(50%Imax) : [C0/180]Total=106.2 [C90/270]Total=100.2
Field angle(10%Imax) : [C0/180]Total=141.6 [C90/270]Total=136.0
Street Side UpWard Lumens : 0.04%of Lamp 0.04%of Luminaire
Street Side DownWard Lumens : 49.96%of Lamp 49.96%of Luminaire
House Side UpWard Lumens : 0.04%of Lamp 0.04%of Luminaire
House Side DownWard Lumens : 49.96%of Lamp 49.96%of Luminaire
SLI: 7.780 (C Flash Area: 0.002), Throw: 103.1 (long), Spread: 25.7 (narrow), Control: 7.780 (tight)

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	503.357	0.000	0	0.00%	0.00%
0.5	503.440	0.120	0.12	0.01%	0.01%
1.0	503.544	0.361	0.482	0.03%	0.04%
1.5	503.612	0.602	1.084	0.05%	0.09%
2.0	503.693	0.843	1.927	0.07%	0.16%
2.5	503.616	1.084	3.012	0.09%	0.25%
3.0	503.410	1.325	4.336	0.11%	0.36%
3.5	503.178	1.565	5.901	0.13%	0.49%
4.0	502.853	1.804	7.705	0.15%	0.64%
4.5	502.484	2.043	9.747	0.17%	0.81%
5.0	502.103	2.281	12.028	0.19%	1.00%
5.5	501.695	2.518	14.546	0.21%	1.21%
6.0	501.296	2.755	17.301	0.23%	1.44%
6.5	500.775	2.991	20.292	0.25%	1.69%
7.0	500.155	3.225	23.517	0.27%	1.96%
7.5	499.685	3.459	26.976	0.29%	2.25%
8.0	499.147	3.693	30.669	0.31%	2.56%
8.5	498.591	3.925	34.594	0.33%	2.88%
9.0	497.979	4.156	38.75	0.35%	3.23%
9.5	497.296	4.386	43.136	0.37%	3.59%
10.0	496.617	4.615	47.751	0.38%	3.98%
10.5	495.864	4.842	52.592	0.40%	4.38%
11.0	495.065	5.067	57.66	0.42%	4.80%
11.5	494.204	5.291	62.951	0.44%	5.25%
12.0	493.332	5.513	68.464	0.46%	5.71%
12.5	492.433	5.734	74.198	0.48%	6.18%
13.0	491.468	5.953	80.151	0.50%	6.68%
13.5	490.411	6.170	86.321	0.51%	7.19%
14.0	489.278	6.384	92.705	0.53%	7.73%
14.5	488.034	6.595	99.3	0.55%	8.28%
15.0	486.878	6.805	106.105	0.57%	8.84%
15.5	485.823	7.014	113.12	0.58%	9.43%
16.0	484.833	7.223	120.343	0.60%	10.03%
16.5	483.792	7.431	127.774	0.62%	10.65%
17.0	482.662	7.636	135.41	0.64%	11.28%
17.5	481.333	7.837	143.247	0.65%	11.94%
18.0	479.935	8.034	151.281	0.67%	12.61%
18.5	478.519	8.229	159.51	0.69%	13.29%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
19.0	477.113	8.421	167.932	0.70%	13.99%
19.5	475.707	8.612	176.544	0.72%	14.71%
20.0	474.270	8.801	185.344	0.73%	15.45%
20.5	472.769	8.986	194.331	0.75%	16.19%
21.0	471.214	9.169	203.5	0.76%	16.96%
21.5	469.679	9.349	212.849	0.78%	17.74%
22.0	468.035	9.526	222.375	0.79%	18.53%
22.5	466.407	9.700	232.075	0.81%	19.34%
23.0	464.831	9.873	241.948	0.82%	20.16%
23.5	463.135	10.043	251.991	0.84%	21.00%
24.0	461.370	10.208	262.199	0.85%	21.85%
24.5	459.541	10.370	272.568	0.86%	22.71%
25.0	457.627	10.527	283.095	0.88%	23.59%
25.5	455.605	10.680	293.775	0.89%	24.48%
26.0	453.614	10.829	304.604	0.90%	25.38%
26.5	451.636	10.977	315.581	0.91%	26.30%
27.0	449.620	11.121	326.702	0.93%	27.23%
27.5	447.575	11.262	337.965	0.94%	28.16%
28.0	445.553	11.401	349.365	0.95%	29.11%
28.5	443.371	11.535	360.9	0.96%	30.08%
29.0	441.134	11.664	372.564	0.97%	31.05%
29.5	438.868	11.788	384.352	0.98%	32.03%
30.0	436.423	11.907	396.26	0.99%	33.02%
30.5	433.898	12.020	408.28	1.00%	34.02%
31.0	431.197	12.126	420.406	1.01%	35.03%
31.5	428.489	12.227	432.633	1.02%	36.05%
32.0	425.769	12.324	444.957	1.03%	37.08%
32.5	422.950	12.416	457.373	1.03%	38.11%
33.0	419.977	12.502	469.875	1.04%	39.16%
33.5	416.981	12.581	482.455	1.05%	40.20%
34.0	413.809	12.654	495.109	1.05%	41.26%
34.5	410.603	12.720	507.83	1.06%	42.32%
35.0	407.373	12.782	520.612	1.07%	43.38%
35.5	404.093	12.840	533.452	1.07%	44.45%
36.0	400.659	12.890	546.342	1.07%	45.53%
36.5	397.015	12.931	559.273	1.08%	46.61%
37.0	393.200	12.962	572.235	1.08%	47.69%
37.5	389.271	12.985	585.22	1.08%	48.77%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	385.446	13.003	598.223	1.08%	49.85%
38.5	381.391	13.015	611.238	1.08%	50.94%
39.0	377.103	13.016	624.254	1.08%	52.02%
39.5	372.649	13.005	637.259	1.08%	53.10%
40.0	368.145	12.987	650.245	1.08%	54.19%
40.5	363.480	12.960	663.205	1.08%	55.27%
41.0	358.699	12.924	676.129	1.08%	56.34%
41.5	353.864	12.880	689.01	1.07%	57.42%
42.0	349.058	12.832	701.842	1.07%	58.49%
42.5	344.323	12.781	714.623	1.07%	59.55%
43.0	339.679	12.729	727.352	1.06%	60.61%
43.5	334.997	12.674	740.026	1.06%	61.67%
44.0	330.245	12.612	752.637	1.05%	62.72%
44.5	325.349	12.542	765.179	1.05%	63.76%
45.0	320.545	12.466	777.645	1.04%	64.80%
45.5	315.681	12.387	790.033	1.03%	65.84%
46.0	310.848	12.304	802.336	1.03%	66.86%
46.5	305.910	12.214	814.551	1.02%	67.88%
47.0	300.838	12.116	826.667	1.01%	68.89%
47.5	295.680	12.009	838.676	1.00%	69.89%
48.0	290.588	11.897	850.573	0.99%	70.88%
48.5	285.476	11.783	862.355	0.98%	71.86%
49.0	280.398	11.664	874.019	0.97%	72.83%
49.5	275.201	11.539	885.559	0.96%	73.80%
50.0	269.549	11.399	896.957	0.95%	74.75%
50.5	263.839	11.243	908.2	0.94%	75.68%
51.0	258.041	11.080	919.28	0.92%	76.61%
51.5	252.070	10.907	930.186	0.91%	77.52%
52.0	245.972	10.723	940.909	0.89%	78.41%
52.5	239.859	10.531	951.44	0.88%	79.29%
53.0	233.614	10.332	961.773	0.86%	80.15%
53.5	227.311	10.125	971.898	0.84%	80.99%
54.0	220.819	9.908	981.806	0.83%	81.82%
54.5	214.120	9.677	991.483	0.81%	82.62%
55.0	207.310	9.435	1000.918	0.79%	83.41%
55.5	200.521	9.187	1010.105	0.77%	84.18%
56.0	193.554	8.930	1019.035	0.74%	84.92%
56.5	186.489	8.663	1027.698	0.72%	85.64%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
57.0	179.450	8.390	1036.088	0.70%	86.34%
57.5	172.483	8.115	1044.203	0.68%	87.02%
58.0	165.488	7.836	1052.039	0.65%	87.67%
58.5	158.686	7.557	1059.597	0.63%	88.30%
59.0	151.887	7.279	1066.876	0.61%	88.91%
59.5	145.328	7.003	1073.878	0.58%	89.49%
60.0	138.811	6.729	1080.608	0.56%	90.05%
60.5	132.591	6.460	1087.067	0.54%	90.59%
61.0	126.489	6.197	1093.265	0.52%	91.11%
61.5	120.600	5.939	1099.204	0.49%	91.60%
62.0	114.830	5.686	1104.889	0.47%	92.07%
62.5	109.308	5.438	1110.327	0.45%	92.53%
63.0	103.943	5.198	1115.525	0.43%	92.96%
63.5	98.766	4.963	1120.488	0.41%	93.37%
64.0	93.739	4.733	1125.221	0.39%	93.77%
64.5	88.970	4.512	1129.732	0.38%	94.14%
65.0	84.356	4.298	1134.03	0.36%	94.50%
65.5	80.007	4.092	1138.122	0.34%	94.84%
66.0	75.823	3.895	1142.018	0.32%	95.17%
66.5	71.770	3.704	1145.721	0.31%	95.48%
67.0	67.872	3.517	1149.239	0.29%	95.77%
67.5	64.089	3.336	1152.575	0.28%	96.05%
68.0	60.465	3.160	1155.736	0.26%	96.31%
68.5	57.103	2.994	1158.729	0.25%	96.56%
69.0	53.869	2.835	1161.565	0.24%	96.80%
69.5	50.804	2.684	1164.248	0.22%	97.02%
70.0	47.852	2.538	1166.786	0.21%	97.23%
70.5	45.025	2.396	1169.182	0.20%	97.43%
71.0	42.300	2.260	1171.442	0.19%	97.62%
71.5	39.709	2.129	1173.571	0.18%	97.80%
72.0	37.253	2.004	1175.575	0.17%	97.96%
72.5	34.876	1.883	1177.459	0.16%	98.12%
73.0	32.621	1.767	1179.226	0.15%	98.27%
73.5	30.465	1.656	1180.882	0.14%	98.41%
74.0	28.427	1.550	1182.432	0.13%	98.54%
74.5	26.438	1.448	1183.88	0.12%	98.66%
75.0	24.560	1.349	1185.229	0.11%	98.77%
75.5	22.804	1.256	1186.484	0.10%	98.87%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.120	1.167	1187.651	0.10%	98.97%
76.5	19.497	1.082	1188.733	0.09%	99.06%
77.0	17.955	0.999	1189.732	0.08%	99.14%
77.5	16.505	0.921	1190.654	0.08%	99.22%
78.0	15.173	0.849	1191.503	0.07%	99.29%
78.5	13.901	0.780	1192.283	0.07%	99.36%
79.0	12.738	0.716	1192.999	0.06%	99.42%
79.5	11.663	0.657	1193.656	0.05%	99.47%
80.0	10.704	0.603	1194.26	0.05%	99.52%
80.5	9.817	0.554	1194.814	0.05%	99.57%
81.0	9.044	0.510	1195.325	0.04%	99.61%
81.5	8.345	0.471	1195.796	0.04%	99.65%
82.0	7.692	0.435	1196.231	0.04%	99.69%
82.5	7.078	0.401	1196.632	0.03%	99.72%
83.0	6.497	0.369	1197.001	0.03%	99.75%
83.5	5.935	0.338	1197.34	0.03%	99.78%
84.0	5.390	0.309	1197.649	0.03%	99.80%
84.5	4.857	0.280	1197.928	0.02%	99.83%
85.0	4.341	0.251	1198.179	0.02%	99.85%
85.5	3.814	0.223	1198.402	0.02%	99.87%
86.0	3.281	0.194	1198.596	0.02%	99.88%
86.5	2.724	0.164	1198.76	0.01%	99.90%
87.0	2.157	0.134	1198.894	0.01%	99.91%
87.5	1.578	0.102	1198.996	0.01%	99.92%
88.0	1.049	0.072	1199.068	0.01%	99.92%
88.5	0.613	0.046	1199.114	0.00%	99.93%
89.0	0.297	0.025	1199.139	0.00%	99.93%
89.5	0.107	0.011	1199.15	0.00%	99.93%
90.0	0.030	0.004	1199.153	0.00%	99.93%
90.5	0.019	0.001	1199.155	0.00%	99.93%
91.0	0.019	0.001	1199.156	0.00%	99.93%
91.5	0.020	0.001	1199.157	0.00%	99.93%
92.0	0.021	0.001	1199.158	0.00%	99.93%
92.5	0.022	0.001	1199.159	0.00%	99.93%
93.0	0.023	0.001	1199.16	0.00%	99.93%
93.5	0.024	0.001	1199.162	0.00%	99.93%
94.0	0.025	0.001	1199.163	0.00%	99.93%
94.5	0.026	0.001	1199.164	0.00%	99.93%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
95.0	0.026	0.001	1199.166	0.00%	99.93%
95.5	0.028	0.001	1199.167	0.00%	99.93%
96.0	0.029	0.002	1199.169	0.00%	99.93%
96.5	0.030	0.002	1199.17	0.00%	99.93%
97.0	0.031	0.002	1199.172	0.00%	99.93%
97.5	0.032	0.002	1199.174	0.00%	99.93%
98.0	0.033	0.002	1199.175	0.00%	99.93%
98.5	0.034	0.002	1199.177	0.00%	99.93%
99.0	0.035	0.002	1199.179	0.00%	99.93%
99.5	0.036	0.002	1199.181	0.00%	99.93%
100.0	0.037	0.002	1199.183	0.00%	99.93%
100.5	0.038	0.002	1199.185	0.00%	99.93%
101.0	0.039	0.002	1199.187	0.00%	99.93%
101.5	0.040	0.002	1199.189	0.00%	99.93%
102.0	0.041	0.002	1199.191	0.00%	99.93%
102.5	0.043	0.002	1199.194	0.00%	99.93%
103.0	0.044	0.002	1199.196	0.00%	99.93%
103.5	0.045	0.002	1199.198	0.00%	99.93%
104.0	0.046	0.002	1199.201	0.00%	99.93%
104.5	0.047	0.002	1199.203	0.00%	99.93%
105.0	0.048	0.003	1199.206	0.00%	99.93%
105.5	0.049	0.003	1199.208	0.00%	99.93%
106.0	0.051	0.003	1199.211	0.00%	99.93%
106.5	0.052	0.003	1199.213	0.00%	99.93%
107.0	0.053	0.003	1199.216	0.00%	99.93%
107.5	0.054	0.003	1199.219	0.00%	99.93%
108.0	0.056	0.003	1199.222	0.00%	99.94%
108.5	0.057	0.003	1199.225	0.00%	99.94%
109.0	0.059	0.003	1199.228	0.00%	99.94%
109.5	0.061	0.003	1199.231	0.00%	99.94%
110.0	0.062	0.003	1199.234	0.00%	99.94%
110.5	0.064	0.003	1199.237	0.00%	99.94%
111.0	0.066	0.003	1199.241	0.00%	99.94%
111.5	0.068	0.003	1199.244	0.00%	99.94%
112.0	0.070	0.004	1199.248	0.00%	99.94%
112.5	0.072	0.004	1199.251	0.00%	99.94%
113.0	0.074	0.004	1199.255	0.00%	99.94%
113.5	0.076	0.004	1199.259	0.00%	99.94%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.078	0.004	1199.262	0.00%	99.94%
114.5	0.080	0.004	1199.266	0.00%	99.94%
115.0	0.082	0.004	1199.27	0.00%	99.94%
115.5	0.085	0.004	1199.275	0.00%	99.94%
116.0	0.087	0.004	1199.279	0.00%	99.94%
116.5	0.089	0.004	1199.283	0.00%	99.94%
117.0	0.092	0.004	1199.288	0.00%	99.94%
117.5	0.094	0.005	1199.292	0.00%	99.94%
118.0	0.096	0.005	1199.297	0.00%	99.94%
118.5	0.099	0.005	1199.301	0.00%	99.94%
119.0	0.101	0.005	1199.306	0.00%	99.94%
119.5	0.104	0.005	1199.311	0.00%	99.94%
120.0	0.106	0.005	1199.316	0.00%	99.94%
120.5	0.109	0.005	1199.321	0.00%	99.94%
121.0	0.112	0.005	1199.327	0.00%	99.94%
121.5	0.114	0.005	1199.332	0.00%	99.94%
122.0	0.117	0.005	1199.337	0.00%	99.94%
122.5	0.120	0.006	1199.343	0.00%	99.95%
123.0	0.123	0.006	1199.348	0.00%	99.95%
123.5	0.126	0.006	1199.354	0.00%	99.95%
124.0	0.129	0.006	1199.36	0.00%	99.95%
124.5	0.132	0.006	1199.366	0.00%	99.95%
125.0	0.135	0.006	1199.372	0.00%	99.95%
125.5	0.137	0.006	1199.378	0.00%	99.95%
126.0	0.140	0.006	1199.384	0.00%	99.95%
126.5	0.143	0.006	1199.39	0.00%	99.95%
127.0	0.146	0.006	1199.397	0.00%	99.95%
127.5	0.149	0.006	1199.403	0.00%	99.95%
128.0	0.152	0.007	1199.41	0.00%	99.95%
128.5	0.155	0.007	1199.416	0.00%	99.95%
129.0	0.158	0.007	1199.423	0.00%	99.95%
129.5	0.161	0.007	1199.43	0.00%	99.95%
130.0	0.164	0.007	1199.436	0.00%	99.95%
130.5	0.167	0.007	1199.443	0.00%	99.95%
131.0	0.170	0.007	1199.45	0.00%	99.95%
131.5	0.173	0.007	1199.457	0.00%	99.95%
132.0	0.176	0.007	1199.465	0.00%	99.96%
132.5	0.179	0.007	1199.472	0.00%	99.96%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
133.0	0.182	0.007	1199.479	0.00%	99.96%
133.5	0.185	0.007	1199.486	0.00%	99.96%
134.0	0.188	0.007	1199.494	0.00%	99.96%
134.5	0.191	0.007	1199.501	0.00%	99.96%
135.0	0.194	0.007	1199.509	0.00%	99.96%
135.5	0.197	0.008	1199.516	0.00%	99.96%
136.0	0.200	0.008	1199.524	0.00%	99.96%
136.5	0.203	0.008	1199.531	0.00%	99.96%
137.0	0.206	0.008	1199.539	0.00%	99.96%
137.5	0.208	0.008	1199.547	0.00%	99.96%
138.0	0.211	0.008	1199.555	0.00%	99.96%
138.5	0.214	0.008	1199.562	0.00%	99.96%
139.0	0.217	0.008	1199.57	0.00%	99.96%
139.5	0.219	0.008	1199.578	0.00%	99.96%
140.0	0.222	0.008	1199.586	0.00%	99.97%
140.5	0.225	0.008	1199.594	0.00%	99.97%
141.0	0.228	0.008	1199.601	0.00%	99.97%
141.5	0.231	0.008	1199.609	0.00%	99.97%
142.0	0.233	0.008	1199.617	0.00%	99.97%
142.5	0.236	0.008	1199.625	0.00%	99.97%
143.0	0.239	0.008	1199.633	0.00%	99.97%
143.5	0.241	0.008	1199.641	0.00%	99.97%
144.0	0.244	0.008	1199.649	0.00%	99.97%
144.5	0.247	0.008	1199.657	0.00%	99.97%
145.0	0.249	0.008	1199.664	0.00%	99.97%
145.5	0.252	0.008	1199.672	0.00%	99.97%
146.0	0.255	0.008	1199.68	0.00%	99.97%
146.5	0.257	0.008	1199.688	0.00%	99.97%
147.0	0.260	0.008	1199.696	0.00%	99.97%
147.5	0.262	0.008	1199.703	0.00%	99.98%
148.0	0.265	0.008	1199.711	0.00%	99.98%
148.5	0.267	0.008	1199.719	0.00%	99.98%
149.0	0.269	0.008	1199.726	0.00%	99.98%
149.5	0.271	0.008	1199.734	0.00%	99.98%
150.0	0.273	0.008	1199.742	0.00%	99.98%
150.5	0.276	0.007	1199.749	0.00%	99.98%
151.0	0.278	0.007	1199.756	0.00%	99.98%
151.5	0.280	0.007	1199.764	0.00%	99.98%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.282	0.007	1199.771	0.00%	99.98%
152.5	0.285	0.007	1199.778	0.00%	99.98%
153.0	0.287	0.007	1199.785	0.00%	99.98%
153.5	0.289	0.007	1199.793	0.00%	99.98%
154.0	0.291	0.007	1199.8	0.00%	99.98%
154.5	0.292	0.007	1199.807	0.00%	99.98%
155.0	0.294	0.007	1199.813	0.00%	99.98%
155.5	0.296	0.007	1199.82	0.00%	99.99%
156.0	0.298	0.007	1199.827	0.00%	99.99%
156.5	0.300	0.007	1199.833	0.00%	99.99%
157.0	0.302	0.007	1199.84	0.00%	99.99%
157.5	0.303	0.006	1199.846	0.00%	99.99%
158.0	0.305	0.006	1199.853	0.00%	99.99%
158.5	0.307	0.006	1199.859	0.00%	99.99%
159.0	0.308	0.006	1199.865	0.00%	99.99%
159.5	0.310	0.006	1199.871	0.00%	99.99%
160.0	0.311	0.006	1199.877	0.00%	99.99%
160.5	0.312	0.006	1199.883	0.00%	99.99%
161.0	0.314	0.006	1199.888	0.00%	99.99%
161.5	0.315	0.006	1199.894	0.00%	99.99%
162.0	0.316	0.005	1199.899	0.00%	99.99%
162.5	0.316	0.005	1199.905	0.00%	99.99%
163.0	0.317	0.005	1199.91	0.00%	99.99%
163.5	0.317	0.005	1199.915	0.00%	99.99%
164.0	0.318	0.005	1199.92	0.00%	99.99%
164.5	0.319	0.005	1199.924	0.00%	99.99%
165.0	0.320	0.005	1199.929	0.00%	99.99%
165.5	0.321	0.004	1199.933	0.00%	99.99%
166.0	0.322	0.004	1199.938	0.00%	99.99%
166.5	0.323	0.004	1199.942	0.00%	100.00%
167.0	0.324	0.004	1199.946	0.00%	100.00%
167.5	0.325	0.004	1199.95	0.00%	100.00%
168.0	0.326	0.004	1199.954	0.00%	100.00%
168.5	0.327	0.004	1199.957	0.00%	100.00%
169.0	0.328	0.003	1199.961	0.00%	100.00%
169.5	0.329	0.003	1199.964	0.00%	100.00%
170.0	0.330	0.003	1199.967	0.00%	100.00%
170.5	0.331	0.003	1199.971	0.00%	100.00%

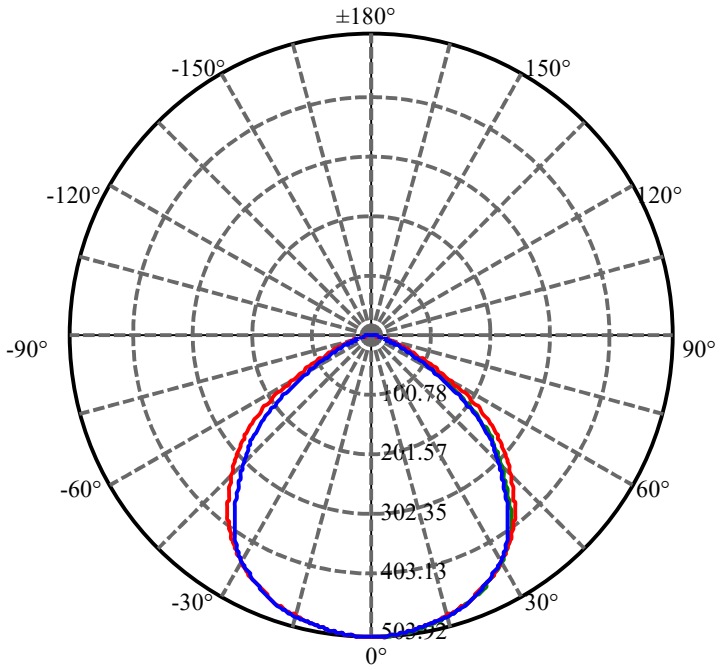
γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
171.0	0.332	0.003	1199.973	0.00%	100.00%
171.5	0.334	0.003	1199.976	0.00%	100.00%
172.0	0.335	0.003	1199.979	0.00%	100.00%
172.5	0.335	0.002	1199.981	0.00%	100.00%
173.0	0.337	0.002	1199.984	0.00%	100.00%
173.5	0.338	0.002	1199.986	0.00%	100.00%
174.0	0.338	0.002	1199.988	0.00%	100.00%
174.5	0.340	0.002	1199.99	0.00%	100.00%
175.0	0.340	0.002	1199.991	0.00%	100.00%
175.5	0.341	0.002	1199.993	0.00%	100.00%
176.0	0.342	0.001	1199.994	0.00%	100.00%
176.5	0.343	0.001	1199.996	0.00%	100.00%
177.0	0.344	0.001	1199.997	0.00%	100.00%
177.5	0.346	0.001	1199.998	0.00%	100.00%
178.0	0.349	0.001	1199.998	0.00%	100.00%
178.5	0.351	0.001	1199.999	0.00%	100.00%
179.0	0.354	0.000	1199.999	0.00%	100.00%
179.5	0.355	0.000	1200	0.00%	100.00%
180.0	0.350	0.000	1200	0.00%	100.00%

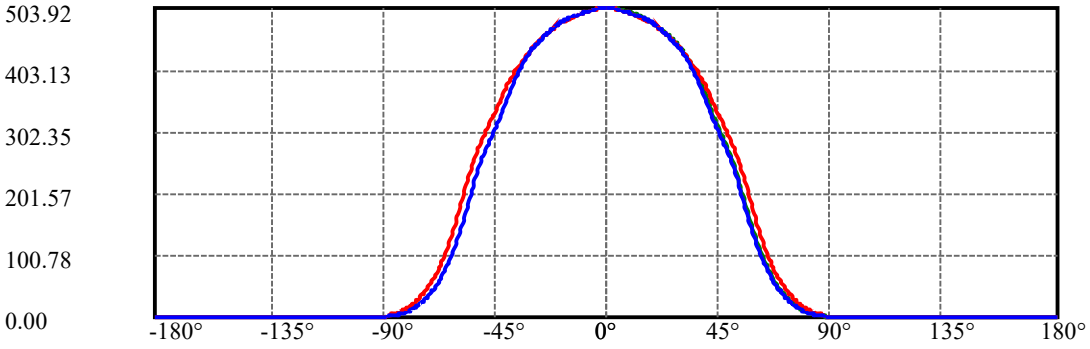
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	396.26	33.02%	33.02%
0-40	650.25	54.19%	54.19%
0-60	1080.61	90.05%	90.05%
0-90	1199.15	99.93%	99.93%
0-120	1199.32	99.94%	99.94%
0-180	1200.00	100.00%	100.00%
60-90	118.55	9.88%	9.88%
90-120	0.16	0.01%	0.01%
90-130	0.28	0.02%	0.02%
90-150	0.59	0.05%	0.05%
90-180	0.85	0.07%	0.07%
0-52.91	960.00	80.00%	80.00%

ZONAL LUMEN SUMMARY

0-10	47.75
10-20	137.59
20-30	210.92
30-40	253.99
40-50	246.71
50-60	183.65
60-70	86.18
70-80	27.47
80-90	4.89
90-100	0.03
100-110	0.05
110-120	0.08
120-130	0.12
130-140	0.15
140-150	0.16
150-160	0.14
160-170	0.09
170-180	0.03

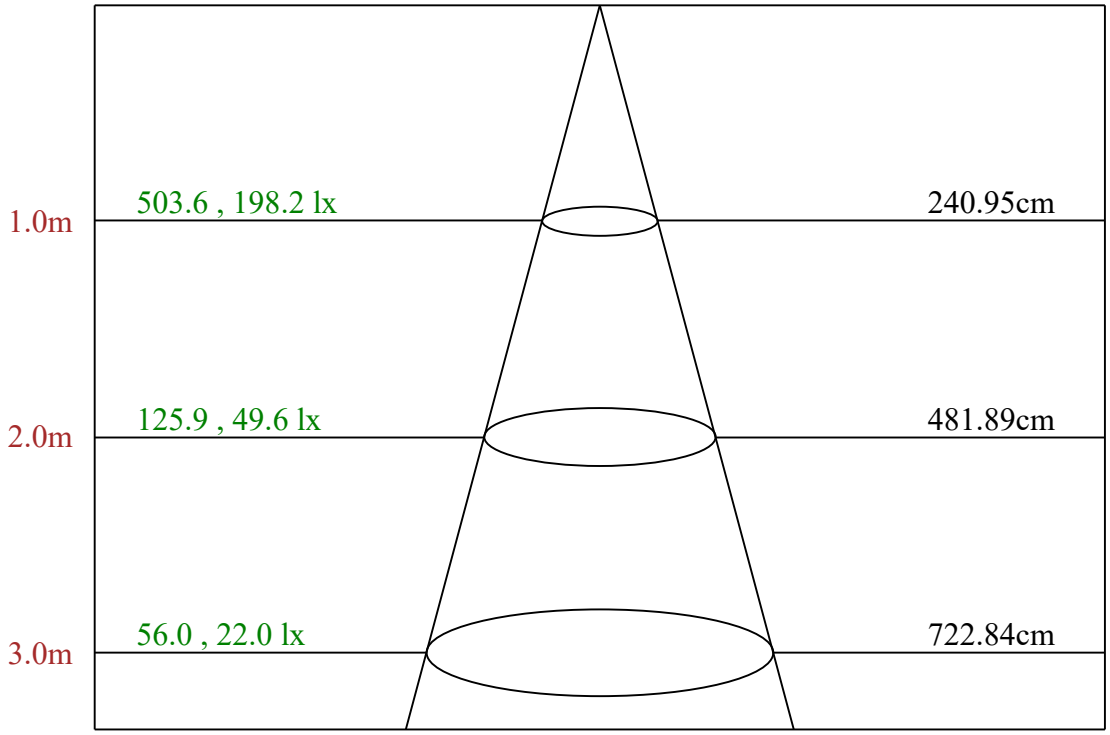




C67.5(Max):
C0/C180:
C90/C270:

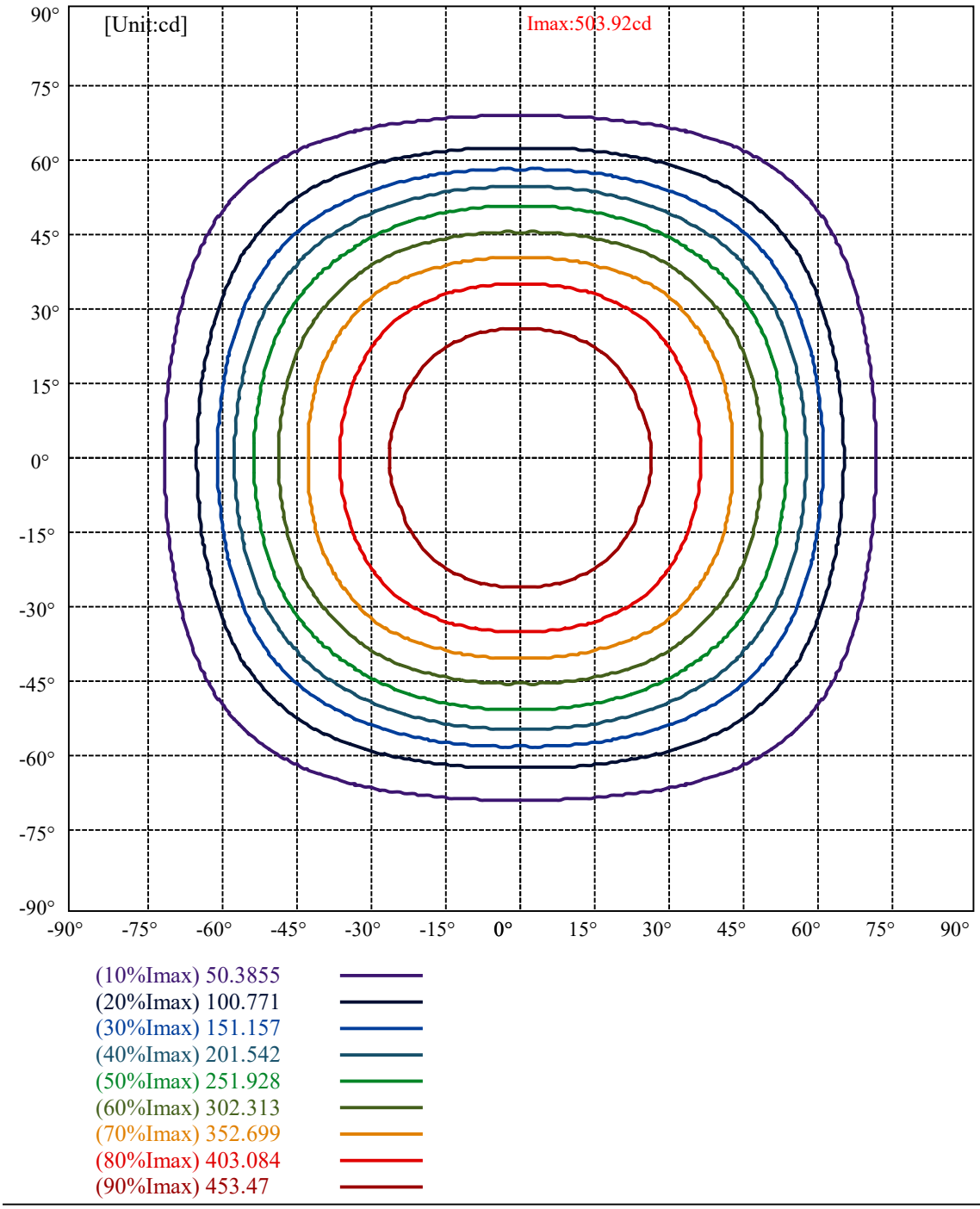
Field angle(10%Imax):C0/180Left:72.3 Right:69.3
:C90/270Left:70.5 Right:65.5

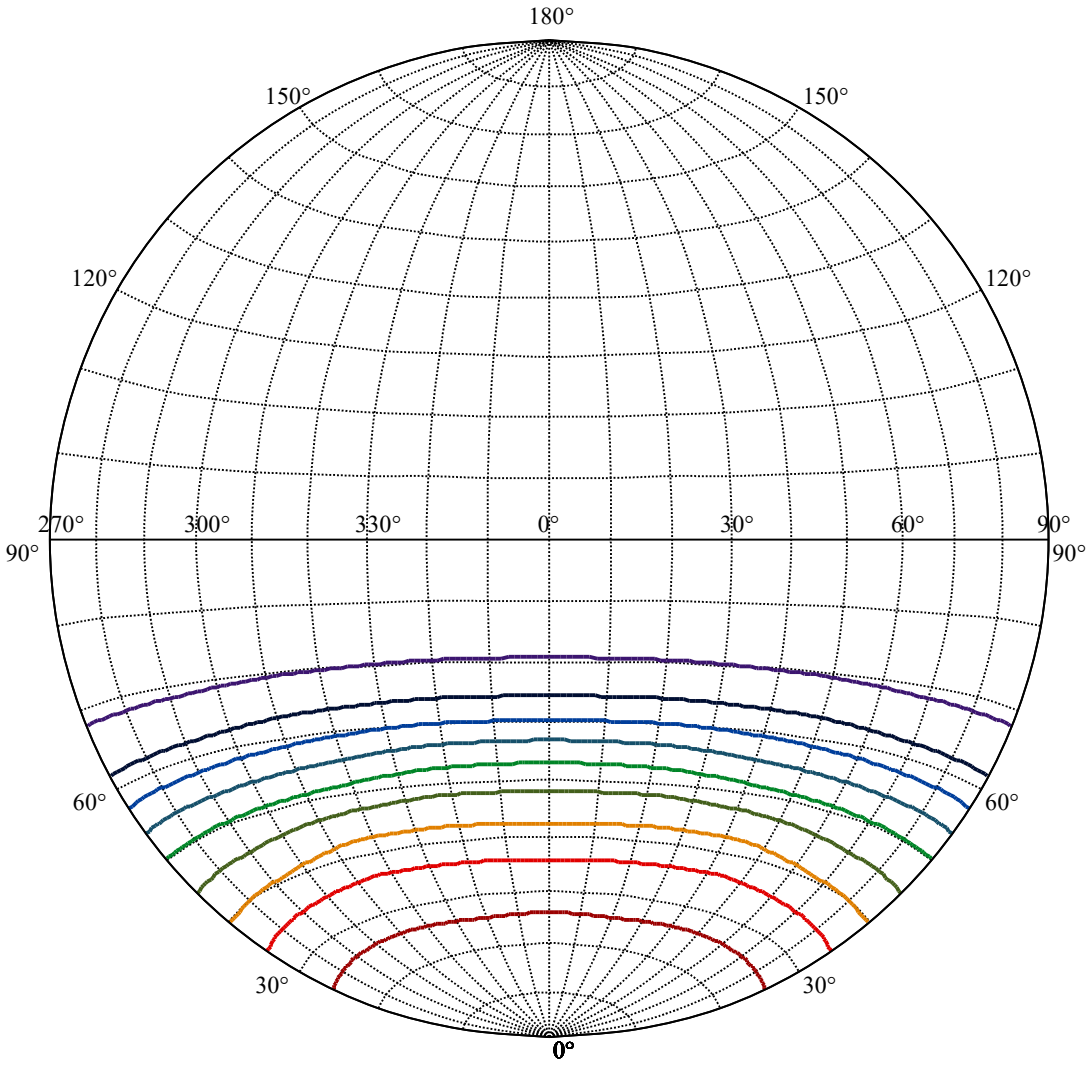
Beam Angle(50%Imax):C0/180Left:54.6 Right:51.6
:C90/270Left:52.6 Right:47.6



Max , Ave

Beam angle of C67.5 plane 100.61


[Unit:cd]
Imax:503.92cd
90°
75°
60°
45°
30°
15°
0°
-15°
-30°
-45°
-60°
-75°
-90°
-90° -75° -60° -45° -30° -15° 0° 15° 30° 45° 60° 75° 90°
(10%Imax) 50.3855
(20%Imax) 100.771
(30%Imax) 151.157
(40%Imax) 201.542
(50%Imax) 251.928
(60%Imax) 302.313
(70%Imax) 352.699
(80%Imax) 403.084
(90%Imax) 453.47

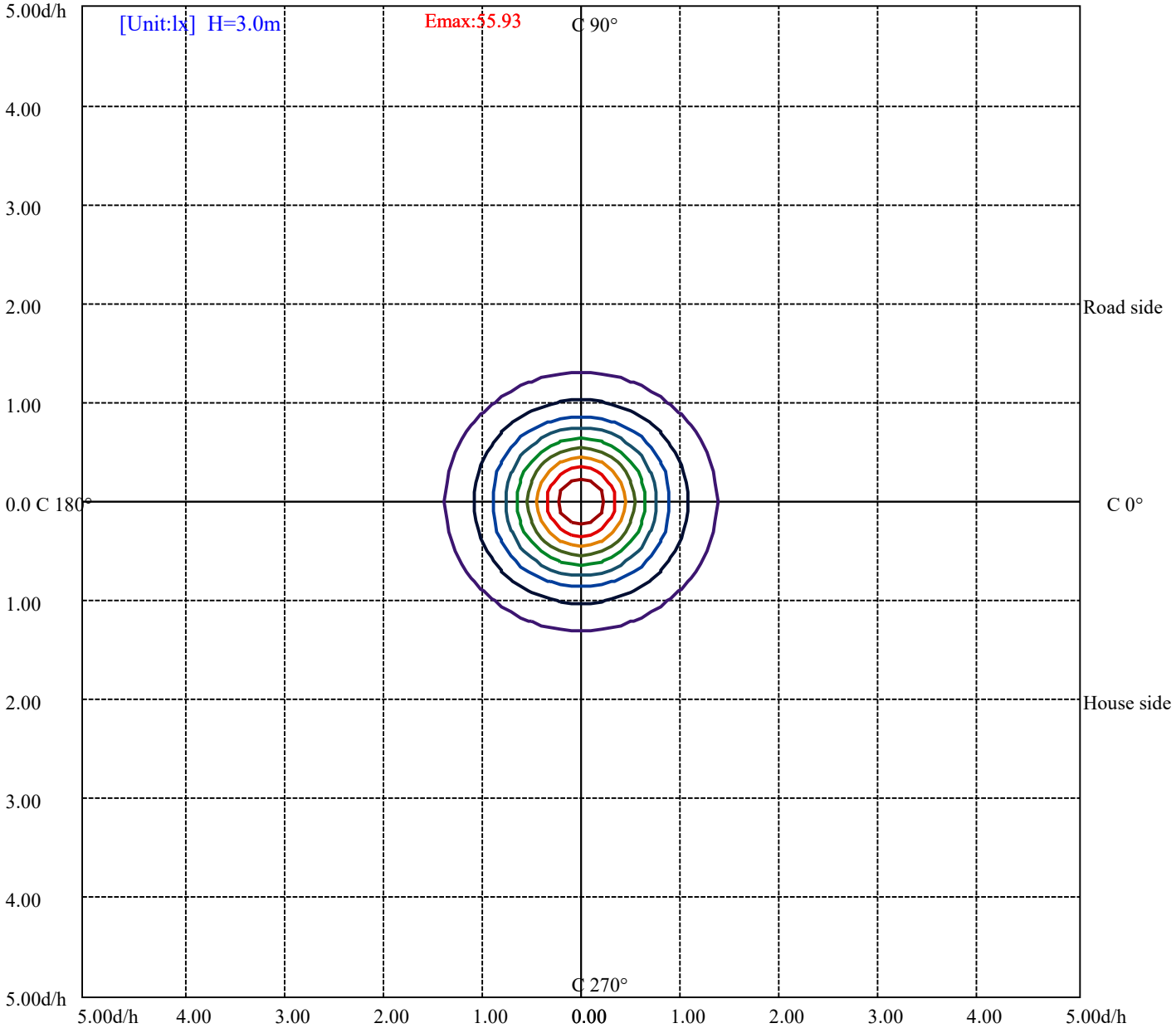


House [Unit:cd] Road

Imax:503.92

(10%Imax) 50.3915
(20%Imax) 100.783
(30%Imax) 151.175
(40%Imax) 201.566
(50%Imax) 251.958
(60%Imax) 302.349
(70%Imax) 352.741
(80%Imax) 403.132
(90%Imax) 453.524

ISO illuminance diagram



Equipment: GMS-1800 Date: 2024/07/02 Operator: CWR
Temperature(°C): 25.0 Humidity(%): 55.3%

Intensity data(cd)

C/γ(°)	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
0.0	503.36	503.34	503.42	503.42	503.37	503.28	503.01	502.81	502.27
22.5	503.36	503.39	503.43	503.40	503.44	503.32	503.22	503.14	503.03
45.0	503.36	503.35	503.58	503.68	503.89	503.85	503.58	503.24	503.04
67.5	503.36	503.69	503.70	503.86	503.92	503.78	503.61	503.39	502.97
90.0	503.36	503.33	503.49	503.62	503.69	503.75	503.45	503.10	502.48
112.5	503.36	503.69	503.70	503.86	503.92	503.78	503.61	503.39	502.97
135.0	503.36	503.35	503.58	503.68	503.89	503.85	503.58	503.24	503.04
157.5	503.36	503.39	503.43	503.40	503.44	503.32	503.22	503.14	503.03
180.0	503.36	503.34	503.42	503.42	503.37	503.28	503.01	502.81	502.27
202.5	503.36	503.39	503.43	503.40	503.44	503.32	503.22	503.14	503.03
225.0	503.36	503.35	503.58	503.68	503.89	503.85	503.58	503.24	503.04
247.5	503.36	503.69	503.70	503.86	503.92	503.78	503.61	503.39	502.97
270.0	503.36	503.33	503.49	503.62	503.69	503.75	503.45	503.10	502.48
292.5	503.36	503.69	503.70	503.86	503.92	503.78	503.61	503.39	502.97
315.0	503.36	503.35	503.58	503.68	503.89	503.85	503.58	503.24	503.04
337.5	503.36	503.39	503.43	503.40	503.44	503.32	503.22	503.14	503.03
360.0	503.36	503.34	503.42	503.42	503.37	503.28	503.01	502.81	502.27

C/γ(°)	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
0.0	501.62	501.08	500.62	500.24	499.55	498.82	498.19	497.82	497.19
22.5	502.54	501.98	501.46	500.98	500.51	499.90	499.39	498.76	498.40
45.0	502.94	502.85	502.58	502.15	501.48	500.95	500.69	500.33	499.83
67.5	502.60	502.22	501.90	501.76	501.39	500.77	500.21	499.51	498.78
90.0	502.10	501.66	501.07	500.36	499.90	499.19	498.70	498.16	497.53
112.5	502.60	502.22	501.90	501.76	501.39	500.77	500.21	499.51	498.78
135.0	502.94	502.85	502.58	502.15	501.48	500.95	500.69	500.33	499.83
157.5	502.54	501.98	501.46	500.98	500.51	499.90	499.39	498.76	498.40
180.0	501.62	501.08	500.62	500.24	499.55	498.82	498.19	497.82	497.19
202.5	502.54	501.98	501.46	500.98	500.51	499.90	499.39	498.76	498.40
225.0	502.94	502.85	502.58	502.15	501.48	500.95	500.69	500.33	499.83
247.5	502.60	502.22	501.90	501.76	501.39	500.77	500.21	499.51	498.78
270.0	502.10	501.66	501.07	500.36	499.90	499.19	498.70	498.16	497.53
292.5	502.60	502.22	501.90	501.76	501.39	500.77	500.21	499.51	498.78
315.0	502.94	502.85	502.58	502.15	501.48	500.95	500.69	500.33	499.83
337.5	502.54	501.98	501.46	500.98	500.51	499.90	499.39	498.76	498.40
360.0	501.62	501.08	500.62	500.24	499.55	498.82	498.19	497.82	497.19

C/γ(°)	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0
0.0	496.50	495.62	494.99	494.29	493.50	492.81	491.79	490.77	489.74
22.5	498.09	497.77	497.26	496.75	495.98	495.08	494.14	493.14	491.97
45.0	499.29	498.67	498.12	497.30	496.32	495.26	494.31	493.37	492.38
67.5	497.89	496.98	496.25	495.42	494.70	493.81	492.97	492.19	491.43
90.0	496.79	495.89	494.68	493.67	493.02	492.53	492.02	491.31	490.45
112.5	497.89	496.98	496.25	495.42	494.70	493.81	492.97	492.19	491.43
135.0	499.29	498.67	498.12	497.30	496.32	495.26	494.31	493.37	492.38
157.5	498.09	497.77	497.26	496.75	495.98	495.08	494.14	493.14	491.97
180.0	496.50	495.62	494.99	494.29	493.50	492.81	491.79	490.77	489.74
202.5	498.09	497.77	497.26	496.75	495.98	495.08	494.14	493.14	491.97
225.0	499.29	498.67	498.12	497.30	496.32	495.26	494.31	493.37	492.38
247.5	497.89	496.98	496.25	495.42	494.70	493.81	492.97	492.19	491.43
270.0	496.79	495.89	494.68	493.67	493.02	492.53	492.02	491.31	490.45
292.5	497.89	496.98	496.25	495.42	494.70	493.81	492.97	492.19	491.43
315.0	499.29	498.67	498.12	497.30	496.32	495.26	494.31	493.37	492.38
337.5	498.09	497.77	497.26	496.75	495.98	495.08	494.14	493.14	491.97
360.0	496.50	495.62	494.99	494.29	493.50	492.81	491.79	490.77	489.74

Intensity data(cd)

C/γ(°)	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5
0.0	488.74	487.73	486.40	485.49	484.51	483.41	482.54	481.78	480.86
22.5	490.71	489.47	488.39	487.35	486.49	485.67	484.61	483.33	481.81
45.0	491.10	489.59	488.05	486.66	485.45	484.35	483.21	482.17	480.90
67.5	490.72	489.70	488.31	486.94	485.76	484.82	483.76	482.55	481.12
90.0	489.49	488.98	488.38	487.64	486.66	485.57	484.64	483.41	482.14
112.5	490.72	489.70	488.31	486.94	485.76	484.82	483.76	482.55	481.12
135.0	491.10	489.59	488.05	486.66	485.45	484.35	483.21	482.17	480.90
157.5	490.71	489.47	488.39	487.35	486.49	485.67	484.61	483.33	481.81
180.0	488.74	487.73	486.40	485.49	484.51	483.41	482.54	481.78	480.86
202.5	490.71	489.47	488.39	487.35	486.49	485.67	484.61	483.33	481.81
225.0	491.10	489.59	488.05	486.66	485.45	484.35	483.21	482.17	480.90
247.5	490.72	489.70	488.31	486.94	485.76	484.82	483.76	482.55	481.12
270.0	489.49	488.98	488.38	487.64	486.66	485.57	484.64	483.41	482.14
292.5	490.72	489.70	488.31	486.94	485.76	484.82	483.76	482.55	481.12
315.0	491.10	489.59	488.05	486.66	485.45	484.35	483.21	482.17	480.90
337.5	490.71	489.47	488.39	487.35	486.49	485.67	484.61	483.33	481.81
360.0	488.74	487.73	486.40	485.49	484.51	483.41	482.54	481.78	480.86

C/γ(°)	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
0.0	479.90	478.90	477.88	476.53	474.83	472.96	470.97	468.83	466.74
22.5	480.04	478.43	476.74	475.20	473.62	472.18	470.68	469.26	467.73
45.0	479.61	477.98	476.54	475.13	473.78	472.44	471.04	469.58	467.91
67.5	479.64	478.38	477.10	475.76	474.45	473.01	471.61	470.26	468.81
90.0	481.00	479.68	478.25	476.94	475.64	473.96	472.09	470.41	468.63
112.5	479.64	478.38	477.10	475.76	474.45	473.01	471.61	470.26	468.81
135.0	479.61	477.98	476.54	475.13	473.78	472.44	471.04	469.58	467.91
157.5	480.04	478.43	476.74	475.20	473.62	472.18	470.68	469.26	467.73
180.0	479.90	478.90	477.88	476.53	474.83	472.96	470.97	468.83	466.74
202.5	480.04	478.43	476.74	475.20	473.62	472.18	470.68	469.26	467.73
225.0	479.61	477.98	476.54	475.13	473.78	472.44	471.04	469.58	467.91
247.5	479.64	478.38	477.10	475.76	474.45	473.01	471.61	470.26	468.81
270.0	481.00	479.68	478.25	476.94	475.64	473.96	472.09	470.41	468.63
292.5	479.64	478.38	477.10	475.76	474.45	473.01	471.61	470.26	468.81
315.0	479.61	477.98	476.54	475.13	473.78	472.44	471.04	469.58	467.91
337.5	480.04	478.43	476.74	475.20	473.62	472.18	470.68	469.26	467.73
360.0	479.90	478.90	477.88	476.53	474.83	472.96	470.97	468.83	466.74

C/γ(°)	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5
0.0	465.01	463.76	462.28	460.73	459.13	457.77	456.07	454.08	452.04
22.5	466.10	464.28	462.29	460.39	458.66	456.62	454.49	452.33	450.34
45.0	466.36	464.90	463.41	461.80	460.01	458.21	456.48	454.63	452.75
67.5	467.37	465.94	464.26	462.53	460.64	458.53	456.32	454.39	452.49
90.0	466.58	464.66	462.86	460.77	458.59	456.52	454.19	452.13	449.89
112.5	467.37	465.94	464.26	462.53	460.64	458.53	456.32	454.39	452.49
135.0	466.36	464.90	463.41	461.80	460.01	458.21	456.48	454.63	452.75
157.5	466.10	464.28	462.29	460.39	458.66	456.62	454.49	452.33	450.34
180.0	465.01	463.76	462.28	460.73	459.13	457.77	456.07	454.08	452.04
202.5	466.10	464.28	462.29	460.39	458.66	456.62	454.49	452.33	450.34
225.0	466.36	464.90	463.41	461.80	460.01	458.21	456.48	454.63	452.75
247.5	467.37	465.94	464.26	462.53	460.64	458.53	456.32	454.39	452.49
270.0	466.58	464.66	462.86	460.77	458.59	456.52	454.19	452.13	449.89
292.5	467.37	465.94	464.26	462.53	460.64	458.53	456.32	454.39	452.49
315.0	466.36	464.90	463.41	461.80	460.01	458.21	456.48	454.63	452.75
337.5	466.10	464.28	462.29	460.39	458.66	456.62	454.49	452.33	450.34
360.0	465.01	463.76	462.28	460.73	459.13	457.77	456.07	454.08	452.04

Intensity data(cd)

C/γ(°)	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
0.0	450.01	447.85	445.95	443.67	440.87	438.19	435.30	432.50	430.12
22.5	448.54	446.77	444.97	442.86	440.94	438.86	436.61	434.22	431.57
45.0	450.74	448.71	446.50	444.09	441.73	439.34	437.01	434.55	431.69
67.5	450.42	448.17	446.02	443.91	441.59	439.30	436.73	434.27	431.68
90.0	447.56	445.46	443.50	441.59	439.68	437.78	435.37	432.63	429.58
112.5	450.42	448.17	446.02	443.91	441.59	439.30	436.73	434.27	431.68
135.0	450.74	448.71	446.50	444.09	441.73	439.34	437.01	434.55	431.69
157.5	448.54	446.77	444.97	442.86	440.94	438.86	436.61	434.22	431.57
180.0	450.01	447.85	445.95	443.67	440.87	438.19	435.30	432.50	430.12
202.5	448.54	446.77	444.97	442.86	440.94	438.86	436.61	434.22	431.57
225.0	450.74	448.71	446.50	444.09	441.73	439.34	437.01	434.55	431.69
247.5	450.42	448.17	446.02	443.91	441.59	439.30	436.73	434.27	431.68
270.0	447.56	445.46	443.50	441.59	439.68	437.78	435.37	432.63	429.58
292.5	450.42	448.17	446.02	443.91	441.59	439.30	436.73	434.27	431.68
315.0	450.74	448.71	446.50	444.09	441.73	439.34	437.01	434.55	431.69
337.5	448.54	446.77	444.97	442.86	440.94	438.86	436.61	434.22	431.57
360.0	450.01	447.85	445.95	443.67	440.87	438.19	435.30	432.50	430.12

C/γ(°)	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5
0.0	427.87	425.53	423.02	420.30	417.48	414.12	410.99	408.20	405.58
22.5	428.96	426.48	423.95	421.20	418.52	415.86	413.01	410.11	407.12
45.0	429.05	426.49	423.83	421.25	418.81	416.30	413.68	410.92	408.19
67.5	428.85	425.93	422.88	419.62	416.29	412.60	409.10	405.28	401.23
90.0	426.32	422.85	419.25	415.37	411.12	406.83	402.26	398.14	394.08
112.5	428.85	425.93	422.88	419.62	416.29	412.60	409.10	405.28	401.23
135.0	429.05	426.49	423.83	421.25	418.81	416.30	413.68	410.92	408.19
157.5	428.96	426.48	423.95	421.20	418.52	415.86	413.01	410.11	407.12
180.0	427.87	425.53	423.02	420.30	417.48	414.12	410.99	408.20	405.58
202.5	428.96	426.48	423.95	421.20	418.52	415.86	413.01	410.11	407.12
225.0	429.05	426.49	423.83	421.25	418.81	416.30	413.68	410.92	408.19
247.5	428.85	425.93	422.88	419.62	416.29	412.60	409.10	405.28	401.23
270.0	426.32	422.85	419.25	415.37	411.12	406.83	402.26	398.14	394.08
292.5	428.85	425.93	422.88	419.62	416.29	412.60	409.10	405.28	401.23
315.0	429.05	426.49	423.83	421.25	418.81	416.30	413.68	410.92	408.19
337.5	428.96	426.48	423.95	421.20	418.52	415.86	413.01	410.11	407.12
360.0	427.87	425.53	423.02	420.30	417.48	414.12	410.99	408.20	405.58

C/γ(°)	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0
0.0	402.47	399.12	395.60	392.10	389.03	385.60	381.67	377.58	373.42
22.5	404.02	400.85	397.52	394.16	390.98	387.54	383.88	380.13	376.26
45.0	405.31	402.26	398.91	395.41	391.87	388.17	384.28	380.25	376.05
67.5	397.11	392.76	388.33	383.72	379.04	374.21	369.20	363.88	358.67
90.0	389.92	385.28	380.47	375.48	370.76	365.70	360.44	355.08	349.79
112.5	397.11	392.76	388.33	383.72	379.04	374.21	369.20	363.88	358.67
135.0	405.31	402.26	398.91	395.41	391.87	388.17	384.28	380.25	376.05
157.5	404.02	400.85	397.52	394.16	390.98	387.54	383.88	380.13	376.26
180.0	402.47	399.12	395.60	392.10	389.03	385.60	381.67	377.58	373.42
202.5	404.02	400.85	397.52	394.16	390.98	387.54	383.88	380.13	376.26
225.0	405.31	402.26	398.91	395.41	391.87	388.17	384.28	380.25	376.05
247.5	397.11	392.76	388.33	383.72	379.04	374.21	369.20	363.88	358.67
270.0	389.92	385.28	380.47	375.48	370.76	365.70	360.44	355.08	349.79
292.5	397.11	392.76	388.33	383.72	379.04	374.21	369.20	363.88	358.67
315.0	405.31	402.26	398.91	395.41	391.87	388.17	384.28	380.25	376.05
337.5	404.02	400.85	397.52	394.16	390.98	387.54	383.88	380.13	376.26
360.0	402.47	399.12	395.60	392.10	389.03	385.60	381.67	377.58	373.42

Intensity data(cd)

C/γ(°)	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5
0.0	368.94	364.18	359.61	355.05	350.57	346.15	341.91	337.70	333.30
22.5	372.26	368.04	363.73	359.35	355.04	350.64	346.28	342.16	337.66
45.0	371.74	367.38	362.74	357.97	353.11	348.19	343.02	337.56	331.83
67.5	353.32	347.81	342.31	336.89	331.69	327.02	322.21	317.32	312.45
90.0	344.26	338.95	333.74	329.00	324.33	319.60	315.06	310.18	305.61
112.5	353.32	347.81	342.31	336.89	331.69	327.02	322.21	317.32	312.45
135.0	371.74	367.38	362.74	357.97	353.11	348.19	343.02	337.56	331.83
157.5	372.26	368.04	363.73	359.35	355.04	350.64	346.28	342.16	337.66
180.0	368.94	364.18	359.61	355.05	350.57	346.15	341.91	337.70	333.30
202.5	372.26	368.04	363.73	359.35	355.04	350.64	346.28	342.16	337.66
225.0	371.74	367.38	362.74	357.97	353.11	348.19	343.02	337.56	331.83
247.5	353.32	347.81	342.31	336.89	331.69	327.02	322.21	317.32	312.45
270.0	344.26	338.95	333.74	329.00	324.33	319.60	315.06	310.18	305.61
292.5	353.32	347.81	342.31	336.89	331.69	327.02	322.21	317.32	312.45
315.0	371.74	367.38	362.74	357.97	353.11	348.19	343.02	337.56	331.83
337.5	372.26	368.04	363.73	359.35	355.04	350.64	346.28	342.16	337.66
360.0	368.94	364.18	359.61	355.05	350.57	346.15	341.91	337.70	333.30

C/γ(°)	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0
0.0	329.22	325.15	320.96	316.74	312.40	307.80	303.26	298.36	293.62
22.5	332.83	327.98	323.18	318.22	313.21	308.24	303.37	298.31	293.25
45.0	326.28	320.73	315.26	309.74	304.10	298.17	292.30	286.50	280.61
67.5	307.90	303.25	298.66	293.73	288.53	283.50	278.51	273.71	269.08
90.0	301.12	296.40	291.64	287.17	282.62	277.83	273.09	268.40	263.70
112.5	307.90	303.25	298.66	293.73	288.53	283.50	278.51	273.71	269.08
135.0	326.28	320.73	315.26	309.74	304.10	298.17	292.30	286.50	280.61
157.5	332.83	327.98	323.18	318.22	313.21	308.24	303.37	298.31	293.25
180.0	329.22	325.15	320.96	316.74	312.40	307.80	303.26	298.36	293.62
202.5	332.83	327.98	323.18	318.22	313.21	308.24	303.37	298.31	293.25
225.0	326.28	320.73	315.26	309.74	304.10	298.17	292.30	286.50	280.61
247.5	307.90	303.25	298.66	293.73	288.53	283.50	278.51	273.71	269.08
270.0	301.12	296.40	291.64	287.17	282.62	277.83	273.09	268.40	263.70
292.5	307.90	303.25	298.66	293.73	288.53	283.50	278.51	273.71	269.08
315.0	326.28	320.73	315.26	309.74	304.10	298.17	292.30	286.50	280.61
337.5	332.83	327.98	323.18	318.22	313.21	308.24	303.37	298.31	293.25
360.0	329.22	325.15	320.96	316.74	312.40	307.80	303.26	298.36	293.62

C/γ(°)	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5
0.0	288.81	284.01	279.06	273.90	268.69	263.33	258.10	252.87	247.61
22.5	288.14	282.60	277.30	272.06	266.52	260.78	254.98	248.87	242.80
45.0	274.79	268.81	262.85	256.76	250.60	244.39	238.16	231.76	225.42
67.5	264.09	258.25	252.30	246.17	239.79	233.37	226.90	220.37	213.70
90.0	258.75	253.06	246.76	240.47	234.05	227.38	220.70	214.04	207.04
112.5	264.09	258.25	252.30	246.17	239.79	233.37	226.90	220.37	213.70
135.0	274.79	268.81	262.85	256.76	250.60	244.39	238.16	231.76	225.42
157.5	288.14	282.60	277.30	272.06	266.52	260.78	254.98	248.87	242.80
180.0	288.81	284.01	279.06	273.90	268.69	263.33	258.10	252.87	247.61
202.5	288.14	282.60	277.30	272.06	266.52	260.78	254.98	248.87	242.80
225.0	274.79	268.81	262.85	256.76	250.60	244.39	238.16	231.76	225.42
247.5	264.09	258.25	252.30	246.17	239.79	233.37	226.90	220.37	213.70
270.0	258.75	253.06	246.76	240.47	234.05	227.38	220.70	214.04	207.04
292.5	264.09	258.25	252.30	246.17	239.79	233.37	226.90	220.37	213.70
315.0	274.79	268.81	262.85	256.76	250.60	244.39	238.16	231.76	225.42
337.5	288.14	282.60	277.30	272.06	266.52	260.78	254.98	248.87	242.80
360.0	288.81	284.01	279.06	273.90	268.69	263.33	258.10	252.87	247.61

Intensity data(cd)

C/γ(°)	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0
0.0	241.46	234.96	228.55	222.06	215.19	207.65	200.03	192.35	184.55
22.5	236.68	230.32	223.64	216.90	210.06	203.20	196.07	188.98	181.72
45.0	218.84	212.07	205.25	198.61	191.87	185.08	178.49	172.01	165.41
67.5	206.91	200.07	193.18	186.31	179.23	172.09	165.01	158.03	151.13
90.0	200.23	193.09	185.80	178.49	170.94	163.53	156.43	149.48	142.82
112.5	206.91	200.07	193.18	186.31	179.23	172.09	165.01	158.03	151.13
135.0	218.84	212.07	205.25	198.61	191.87	185.08	178.49	172.01	165.41
157.5	236.68	230.32	223.64	216.90	210.06	203.20	196.07	188.98	181.72
180.0	241.46	234.96	228.55	222.06	215.19	207.65	200.03	192.35	184.55
202.5	236.68	230.32	223.64	216.90	210.06	203.20	196.07	188.98	181.72
225.0	218.84	212.07	205.25	198.61	191.87	185.08	178.49	172.01	165.41
247.5	206.91	200.07	193.18	186.31	179.23	172.09	165.01	158.03	151.13
270.0	200.23	193.09	185.80	178.49	170.94	163.53	156.43	149.48	142.82
292.5	206.91	200.07	193.18	186.31	179.23	172.09	165.01	158.03	151.13
315.0	218.84	212.07	205.25	198.61	191.87	185.08	178.49	172.01	165.41
337.5	236.68	230.32	223.64	216.90	210.06	203.20	196.07	188.98	181.72
360.0	241.46	234.96	228.55	222.06	215.19	207.65	200.03	192.35	184.55

C/γ(°)	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5
0.0	176.85	169.10	161.63	154.54	147.64	140.88	134.30	127.73	121.57
22.5	174.60	167.54	160.61	153.56	146.77	140.14	133.71	127.38	121.19
45.0	158.94	152.53	146.27	140.07	134.05	128.06	122.23	116.65	111.32
67.5	144.51	137.90	131.69	125.44	119.56	113.82	108.38	103.00	97.89
90.0	136.54	130.05	123.85	117.81	112.33	106.99	101.87	96.85	92.10
112.5	144.51	137.90	131.69	125.44	119.56	113.82	108.38	103.00	97.89
135.0	158.94	152.53	146.27	140.07	134.05	128.06	122.23	116.65	111.32
157.5	174.60	167.54	160.61	153.56	146.77	140.14	133.71	127.38	121.19
180.0	176.85	169.10	161.63	154.54	147.64	140.88	134.30	127.73	121.57
202.5	174.60	167.54	160.61	153.56	146.77	140.14	133.71	127.38	121.19
225.0	158.94	152.53	146.27	140.07	134.05	128.06	122.23	116.65	111.32
247.5	144.51	137.90	131.69	125.44	119.56	113.82	108.38	103.00	97.89
270.0	136.54	130.05	123.85	117.81	112.33	106.99	101.87	96.85	92.10
292.5	144.51	137.90	131.69	125.44	119.56	113.82	108.38	103.00	97.89
315.0	158.94	152.53	146.27	140.07	134.05	128.06	122.23	116.65	111.32
337.5	174.60	167.54	160.61	153.56	146.77	140.14	133.71	127.38	121.19
360.0	176.85	169.10	161.63	154.54	147.64	140.88	134.30	127.73	121.57

C/γ(°)	63.0	63.5	64.0	64.5	65.0	65.5	66.0	66.5	67.0
0.0	115.65	109.94	104.45	99.30	94.34	89.80	85.35	81.05	76.78
22.5	115.20	109.50	103.91	98.63	93.45	88.53	83.92	79.44	75.25
45.0	106.05	100.86	95.80	91.04	86.35	81.86	77.50	73.31	69.30
67.5	92.96	88.22	83.66	79.29	75.17	71.31	67.52	63.82	60.25
90.0	87.49	83.03	78.73	74.52	70.58	66.86	63.38	59.97	56.60
112.5	92.96	88.22	83.66	79.29	75.17	71.31	67.52	63.82	60.25
135.0	106.05	100.86	95.80	91.04	86.35	81.86	77.50	73.31	69.30
157.5	115.20	109.50	103.91	98.63	93.45	88.53	83.92	79.44	75.25
180.0	115.65	109.94	104.45	99.30	94.34	89.80	85.35	81.05	76.78
202.5	115.20	109.50	103.91	98.63	93.45	88.53	83.92	79.44	75.25
225.0	106.05	100.86	95.80	91.04	86.35	81.86	77.50	73.31	69.30
247.5	92.96	88.22	83.66	79.29	75.17	71.31	67.52	63.82	60.25
270.0	87.49	83.03	78.73	74.52	70.58	66.86	63.38	59.97	56.60
292.5	92.96	88.22	83.66	79.29	75.17	71.31	67.52	63.82	60.25
315.0	106.05	100.86	95.80	91.04	86.35	81.86	77.50	73.31	69.30
337.5	115.20	109.50	103.91	98.63	93.45	88.53	83.92	79.44	75.25
360.0	115.65	109.94	104.45	99.30	94.34	89.80	85.35	81.05	76.78

Intensity data(cd)

C/γ(°)	67.5	68.0	68.5	69.0	69.5	70.0	70.5	71.0	71.5
0.0	72.65	68.72	65.02	61.45	58.06	54.88	51.86	48.95	46.21
22.5	71.16	67.20	63.60	60.08	56.78	53.57	50.54	47.59	44.73
45.0	65.43	61.61	58.11	54.67	51.45	48.35	45.40	42.57	39.90
67.5	56.79	53.51	50.46	47.55	44.82	42.20	39.66	37.23	34.88
90.0	53.31	50.37	47.47	44.91	42.27	39.68	37.13	34.69	32.45
112.5	56.79	53.51	50.46	47.55	44.82	42.20	39.66	37.23	34.88
135.0	65.43	61.61	58.11	54.67	51.45	48.35	45.40	42.57	39.90
157.5	71.16	67.20	63.60	60.08	56.78	53.57	50.54	47.59	44.73
180.0	72.65	68.72	65.02	61.45	58.06	54.88	51.86	48.95	46.21
202.5	71.16	67.20	63.60	60.08	56.78	53.57	50.54	47.59	44.73
225.0	65.43	61.61	58.11	54.67	51.45	48.35	45.40	42.57	39.90
247.5	56.79	53.51	50.46	47.55	44.82	42.20	39.66	37.23	34.88
270.0	53.31	50.37	47.47	44.91	42.27	39.68	37.13	34.69	32.45
292.5	56.79	53.51	50.46	47.55	44.82	42.20	39.66	37.23	34.88
315.0	65.43	61.61	58.11	54.67	51.45	48.35	45.40	42.57	39.90
337.5	71.16	67.20	63.60	60.08	56.78	53.57	50.54	47.59	44.73
360.0	72.65	68.72	65.02	61.45	58.06	54.88	51.86	48.95	46.21

C/γ(°)	72.0	72.5	73.0	73.5	74.0	74.5	75.0	75.5	76.0
0.0	43.65	41.09	38.63	36.18	33.86	31.54	29.39	27.30	25.27
22.5	42.01	39.39	36.93	34.62	32.44	30.29	28.19	26.26	24.44
45.0	37.37	34.90	32.58	30.33	28.23	26.22	24.32	22.61	20.96
67.5	32.66	30.53	28.48	26.54	24.68	22.86	21.21	19.61	18.08
90.0	30.30	28.30	26.35	24.56	22.87	21.21	19.68	18.18	16.74
112.5	32.66	30.53	28.48	26.54	24.68	22.86	21.21	19.61	18.08
135.0	37.37	34.90	32.58	30.33	28.23	26.22	24.32	22.61	20.96
157.5	42.01	39.39	36.93	34.62	32.44	30.29	28.19	26.26	24.44
180.0	43.65	41.09	38.63	36.18	33.86	31.54	29.39	27.30	25.27
202.5	42.01	39.39	36.93	34.62	32.44	30.29	28.19	26.26	24.44
225.0	37.37	34.90	32.58	30.33	28.23	26.22	24.32	22.61	20.96
247.5	32.66	30.53	28.48	26.54	24.68	22.86	21.21	19.61	18.08
270.0	30.30	28.30	26.35	24.56	22.87	21.21	19.68	18.18	16.74
292.5	32.66	30.53	28.48	26.54	24.68	22.86	21.21	19.61	18.08
315.0	37.37	34.90	32.58	30.33	28.23	26.22	24.32	22.61	20.96
337.5	42.01	39.39	36.93	34.62	32.44	30.29	28.19	26.26	24.44
360.0	43.65	41.09	38.63	36.18	33.86	31.54	29.39	27.30	25.27

C/γ(°)	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5
0.0	23.36	21.61	19.95	18.46	16.99	15.67	14.43	13.30	12.23
22.5	22.65	20.94	19.27	17.73	16.26	14.90	13.64	12.49	11.45
45.0	19.36	17.84	16.43	15.14	13.92	12.81	11.80	10.87	10.01
67.5	16.62	15.23	13.95	12.78	11.67	10.65	9.70	8.89	8.13
90.0	15.35	14.03	12.79	11.63	10.53	9.53	8.60	7.83	7.13
112.5	16.62	15.23	13.95	12.78	11.67	10.65	9.70	8.89	8.13
135.0	19.36	17.84	16.43	15.14	13.92	12.81	11.80	10.87	10.01
157.5	22.65	20.94	19.27	17.73	16.26	14.90	13.64	12.49	11.45
180.0	23.36	21.61	19.95	18.46	16.99	15.67	14.43	13.30	12.23
202.5	22.65	20.94	19.27	17.73	16.26	14.90	13.64	12.49	11.45
225.0	19.36	17.84	16.43	15.14	13.92	12.81	11.80	10.87	10.01
247.5	16.62	15.23	13.95	12.78	11.67	10.65	9.70	8.89	8.13
270.0	15.35	14.03	12.79	11.63	10.53	9.53	8.60	7.83	7.13
292.5	16.62	15.23	13.95	12.78	11.67	10.65	9.70	8.89	8.13
315.0	19.36	17.84	16.43	15.14	13.92	12.81	11.80	10.87	10.01
337.5	22.65	20.94	19.27	17.73	16.26	14.90	13.64	12.49	11.45
360.0	23.36	21.61	19.95	18.46	16.99	15.67	14.43	13.30	12.23

Intensity data(cd)

C/γ(°)	81.0	81.5	82.0	82.5	83.0	83.5	84.0	84.5	85.0
0.0	11.29	10.45	9.69	8.98	8.33	7.67	7.02	6.37	5.71
22.5	10.52	9.71	8.95	8.27	7.62	6.99	6.38	5.78	5.19
45.0	9.23	8.51	7.86	7.23	6.64	6.05	5.47	4.92	4.38
67.5	7.48	6.87	6.30	5.74	5.22	4.75	4.28	3.83	3.40
90.0	6.62	6.12	5.64	5.17	4.69	4.22	3.82	3.43	3.05
112.5	7.48	6.87	6.30	5.74	5.22	4.75	4.28	3.83	3.40
135.0	9.23	8.51	7.86	7.23	6.64	6.05	5.47	4.92	4.38
157.5	10.52	9.71	8.95	8.27	7.62	6.99	6.38	5.78	5.19
180.0	11.29	10.45	9.69	8.98	8.33	7.67	7.02	6.37	5.71
202.5	10.52	9.71	8.95	8.27	7.62	6.99	6.38	5.78	5.19
225.0	9.23	8.51	7.86	7.23	6.64	6.05	5.47	4.92	4.38
247.5	7.48	6.87	6.30	5.74	5.22	4.75	4.28	3.83	3.40
270.0	6.62	6.12	5.64	5.17	4.69	4.22	3.82	3.43	3.05
292.5	7.48	6.87	6.30	5.74	5.22	4.75	4.28	3.83	3.40
315.0	9.23	8.51	7.86	7.23	6.64	6.05	5.47	4.92	4.38
337.5	10.52	9.71	8.95	8.27	7.62	6.99	6.38	5.78	5.19
360.0	11.29	10.45	9.69	8.98	8.33	7.67	7.02	6.37	5.71

C/γ(°)	85.5	86.0	86.5	87.0	87.5	88.0	88.5	89.0	89.5
0.0	5.02	4.27	3.49	2.72	1.95	1.23	0.66	0.25	0.05
22.5	4.60	3.99	3.35	2.70	2.00	1.33	0.77	0.38	0.11
45.0	3.84	3.31	2.76	2.21	1.64	1.12	0.67	0.34	0.14
67.5	2.98	2.55	2.10	1.65	1.20	0.83	0.52	0.29	0.14
90.0	2.67	2.29	1.88	1.43	0.98	0.59	0.31	0.11	0.03
112.5	2.98	2.55	2.10	1.65	1.20	0.83	0.52	0.29	0.14
135.0	3.84	3.31	2.76	2.21	1.64	1.12	0.67	0.34	0.14
157.5	4.60	3.99	3.35	2.70	2.00	1.33	0.77	0.38	0.11
180.0	5.02	4.27	3.49	2.72	1.95	1.23	0.66	0.25	0.05
202.5	4.60	3.99	3.35	2.70	2.00	1.33	0.77	0.38	0.11
225.0	3.84	3.31	2.76	2.21	1.64	1.12	0.67	0.34	0.14
247.5	2.98	2.55	2.10	1.65	1.20	0.83	0.52	0.29	0.14
270.0	2.67	2.29	1.88	1.43	0.98	0.59	0.31	0.11	0.03
292.5	2.98	2.55	2.10	1.65	1.20	0.83	0.52	0.29	0.14
315.0	3.84	3.31	2.76	2.21	1.64	1.12	0.67	0.34	0.14
337.5	4.60	3.99	3.35	2.70	2.00	1.33	0.77	0.38	0.11
360.0	5.02	4.27	3.49	2.72	1.95	1.23	0.66	0.25	0.05

C/γ(°)	90.0	90.5	91.0	91.5	92.0	92.5	93.0	93.5	94.0
0.0	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
22.5	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
45.0	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
67.5	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
90.0	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
112.5	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
135.0	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
157.5	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
180.0	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
202.5	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
225.0	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
247.5	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
270.0	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
292.5	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
315.0	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
337.5	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
360.0	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03

Intensity data(cd)

C/γ(°)	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5
0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
22.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
45.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
67.5	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
90.0	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
112.5	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
202.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
225.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
247.5	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
270.0	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
292.5	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
315.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
337.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
360.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04

C/γ(°)	99.0	99.5	100.0	100.5	101.0	101.5	102.0	102.5	103.0
0.0	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
22.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
45.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
67.5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
90.0	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
112.5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
135.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
157.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
180.0	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
202.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
225.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
247.5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
270.0	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
292.5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
315.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
337.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
360.0	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05

C/γ(°)	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5
0.0	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
22.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
45.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
67.5	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
90.0	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
112.5	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
135.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
157.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
180.0	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
202.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
225.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
247.5	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
270.0	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
292.5	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
315.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
337.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
360.0	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06

Intensity data(cd)

C/γ(°)	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0
0.0	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
22.5	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
45.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
67.5	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
90.0	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
112.5	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
135.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
157.5	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
180.0	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
202.5	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
225.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
247.5	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
270.0	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
292.5	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07
315.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
337.5	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
360.0	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07

C/γ(°)	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5
0.0	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09
22.5	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
45.0	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09
67.5	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
90.0	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
112.5	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
135.0	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09
157.5	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
180.0	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09
202.5	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
225.0	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09
247.5	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
270.0	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
292.5	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
315.0	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09
337.5	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
360.0	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09

C/γ(°)	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0
0.0	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
22.5	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
45.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
67.5	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11
90.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
112.5	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11
135.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
157.5	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
180.0	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
202.5	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
225.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
247.5	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11
270.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
292.5	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11
315.0	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
337.5	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
360.0	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12

Intensity data(cd)

C/γ(°)	121.5	122.0	122.5	123.0	123.5	124.0	124.5	125.0	125.5
0.0	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14
22.5	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14
45.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
67.5	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14
90.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
112.5	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14
135.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
157.5	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14
180.0	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14
202.5	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14
225.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
247.5	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14
270.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
292.5	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14
315.0	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14
337.5	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14
360.0	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14

C/γ(°)	126.0	126.5	127.0	127.5	128.0	128.5	129.0	129.5	130.0
0.0	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17
22.5	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17
45.0	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16
67.5	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16
90.0	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16
112.5	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16
135.0	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16
157.5	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17
180.0	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17
202.5	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17
225.0	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16
247.5	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16
270.0	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16
292.5	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16
315.0	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16
337.5	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17
360.0	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17

C/γ(°)	130.5	131.0	131.5	132.0	132.5	133.0	133.5	134.0	134.5
0.0	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20
22.5	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
45.0	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19
67.5	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19
90.0	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
112.5	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19
135.0	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19
157.5	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
180.0	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20
202.5	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
225.0	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19
247.5	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19
270.0	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
292.5	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19
315.0	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19
337.5	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19
360.0	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20

Intensity data(cd)

C/γ(°)	135.0	135.5	136.0	136.5	137.0	137.5	138.0	138.5	139.0
0.0	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22
22.5	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22
45.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
67.5	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22
90.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
112.5	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22
135.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
157.5	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22
180.0	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22
202.5	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22
225.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
247.5	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22
270.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
292.5	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22
315.0	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22
337.5	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22
360.0	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22

C/γ(°)	139.5	140.0	140.5	141.0	141.5	142.0	142.5	143.0	143.5
0.0	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25
22.5	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
45.0	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
67.5	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
90.0	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
112.5	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
135.0	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
157.5	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
180.0	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25
202.5	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
225.0	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
247.5	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
270.0	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
292.5	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
315.0	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
337.5	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24
360.0	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25

C/γ(°)	144.0	144.5	145.0	145.5	146.0	146.5	147.0	147.5	148.0
0.0	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27
22.5	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
45.0	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
67.5	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
90.0	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
112.5	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
135.0	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
157.5	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
180.0	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27
202.5	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
225.0	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
247.5	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
270.0	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
292.5	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26
315.0	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
337.5	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27
360.0	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27

Intensity data(cd)

C/γ(°)	148.5	149.0	149.5	150.0	150.5	151.0	151.5	152.0	152.5
0.0	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29
22.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
45.0	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
67.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
90.0	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28
112.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
135.0	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
157.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
180.0	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29
202.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
225.0	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
247.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
270.0	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28
292.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
315.0	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
337.5	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29
360.0	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29

C/γ(°)	153.0	153.5	154.0	154.5	155.0	155.5	156.0	156.5	157.0
0.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
22.5	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
45.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
67.5	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30
90.0	0.28	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30
112.5	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30
135.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
157.5	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
180.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
202.5	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
225.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
247.5	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30
270.0	0.28	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30
292.5	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30
315.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
337.5	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30
360.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30

C/γ(°)	157.5	158.0	158.5	159.0	159.5	160.0	160.5	161.0	161.5
0.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
22.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
45.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32
67.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32
90.0	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31
112.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32
135.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32
157.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
180.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
202.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
225.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32
247.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32
270.0	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31
292.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32
315.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32
337.5	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
360.0	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31

C/γ(°)	162.0	162.5	163.0	163.5	164.0	164.5	165.0	165.5	166.0
0.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
22.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
45.0	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
67.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
90.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
112.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
135.0	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
157.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
180.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
202.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
225.0	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
247.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
270.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
292.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
315.0	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
337.5	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
360.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32

C/γ(°)	166.5	167.0	167.5	168.0	168.5	169.0	169.5	170.0	170.5
0.0	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33
22.5	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33
45.0	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33
67.5	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
90.0	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
112.5	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
135.0	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33
157.5	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33
180.0	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33
202.5	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33
225.0	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33
247.5	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
270.0	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
292.5	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
315.0	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33
337.5	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33
360.0	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33

C/γ(°)	171.0	171.5	172.0	172.5	173.0	173.5	174.0	174.5	175.0
0.0	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
22.5	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
45.0	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34
67.5	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
90.0	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35
112.5	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
135.0	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34
157.5	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
180.0	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
202.5	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
225.0	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34
247.5	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
270.0	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35
292.5	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
315.0	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34
337.5	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34
360.0	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34

Intensity data(cd)

C/γ(°)	175.5	176.0	176.5	177.0	177.5	178.0	178.5	179.0	179.5
0.0	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35
22.5	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35
45.0	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35
67.5	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.36
90.0	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37
112.5	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.36
135.0	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35
157.5	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35
180.0	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35
202.5	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35
225.0	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35
247.5	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.36
270.0	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37
292.5	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.36
315.0	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35
337.5	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35
360.0	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35

C/γ(°)	180.0
0.0	0.35
22.5	0.35
45.0	0.35
67.5	0.35
90.0	0.35
112.5	0.35
135.0	0.35
157.5	0.35
180.0	0.35
202.5	0.35
225.0	0.35
247.5	0.35
270.0	0.35
292.5	0.35
315.0	0.35
337.5	0.35
360.0	0.35