

Report No	:	Voltage	:	V
Test No	:	Current	:	A
LumCAT	:	Power	:	33.000 W
Luminaire	:	0003010030 33W 4000K 4730lm PF	:	
LampCAT	:	Ballast type	:	
Lamp flux	:	4730.0 lm	:	Width : 348 mm
Number of Lamps	:	1	:	Length : 348 mm
Phm Type	:	C	:	Height : 0 mm

Photometric Results

Lumens(lm)	:	4730.00	Central intensity(cd)	:	873.430
Efficiency(%)	:	100.00%	Maximum intensity(cd)	:	1726.812
Luminous Efficacy(lm/W)	:	143.33	Angle of maximum intensity	:	C=0.0 γ =57.0
Beam Angle(50%Imax)	:	[C0/180]Total=130.4 [C90/270]Total=136.8			
Field angle(10%Imax)	:	[C0/180]Total=140.0 [C90/270]Total=147.0			
Maximum s/h(1/2)	:	C0_180=2.22 C90_270=2.31			
Maximum s/h(1/4)	:	C0_180=2.39 C90_270=2.21			
Up flux rate of lamp(%)	:	0.12%			
Down flux rate of lamp(%)	:	99.88%			
Up flux rate of LUM(%)	:	0.12%			
Down flux rate of LUM(%)	:	99.88%			
CIE Type	:	Direct lighting			
Output flux ratio in π solid angle :	:	79.439%			

Zonal flux distribution table

Appendix Page: 2 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	873.430	0.000	0	0.00%	0.00%
1.0	873.430	0.836	0.836	0.02%	0.02%
2.0	876.050	2.511	3.347	0.05%	0.07%
3.0	875.725	4.190	7.537	0.09%	0.16%
4.0	875.335	5.861	13.398	0.12%	0.28%
5.0	875.627	7.533	20.93	0.16%	0.44%
6.0	874.685	9.198	30.129	0.19%	0.64%
7.0	870.069	10.830	40.958	0.23%	0.87%
8.0	867.501	12.435	53.394	0.26%	1.13%
9.0	865.518	14.045	67.439	0.30%	1.43%
10.0	858.367	15.601	83.04	0.33%	1.76%
11.0	853.882	17.109	100.148	0.36%	2.12%
12.0	847.933	18.603	118.752	0.39%	2.51%
13.0	841.659	20.051	138.803	0.42%	2.93%
14.0	837.076	21.488	160.291	0.45%	3.39%
15.0	833.533	22.935	183.225	0.48%	3.87%
16.0	828.690	24.356	207.582	0.51%	4.39%
17.0	827.682	25.794	233.376	0.55%	4.93%
18.0	831.778	27.361	260.737	0.58%	5.51%
19.0	834.866	28.996	289.733	0.61%	6.13%
20.0	843.480	30.718	320.451	0.65%	6.77%
21.0	854.337	32.602	353.053	0.69%	7.46%
22.0	865.128	34.553	387.606	0.73%	8.19%
23.0	876.798	36.550	424.157	0.77%	8.97%
24.0	896.301	38.766	462.923	0.82%	9.79%
25.0	916.844	41.227	504.15	0.87%	10.66%
26.0	933.682	43.682	547.832	0.92%	11.58%
27.0	958.353	46.289	594.121	0.98%	12.56%
28.0	988.941	49.301	643.422	1.04%	13.60%
29.0	1016.343	52.464	695.886	1.11%	14.71%
30.0	1041.079	55.550	751.436	1.17%	15.89%
31.0	1065.589	58.626	810.061	1.24%	17.13%
32.0	1084.376	61.594	871.655	1.30%	18.43%
33.0	1098.711	64.315	935.97	1.36%	19.79%
34.0	1119.287	67.123	1003.093	1.42%	21.21%
35.0	1140.221	70.172	1073.265	1.48%	22.69%
36.0	1151.858	72.980	1146.245	1.54%	24.23%
37.0	1163.884	75.527	1221.772	1.60%	25.83%

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 24.8

Date:
Humidity(%): 56%

Operator: LSC

Zonal flux distribution table

Appendix Page: 3 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	1182.900	78.332	1300.104	1.66%	27.49%
39.0	1198.503	81.284	1381.388	1.72%	29.20%
40.0	1217.356	84.257	1465.645	1.78%	30.99%
41.0	1233.088	87.259	1552.904	1.84%	32.83%
42.0	1253.730	90.350	1643.254	1.91%	34.74%
43.0	1274.467	93.652	1736.906	1.98%	36.72%
44.0	1293.970	96.940	1833.846	2.05%	38.77%
45.0	1313.084	100.192	1934.038	2.12%	40.89%
46.0	1331.677	103.431	2037.469	2.19%	43.08%
47.0	1346.857	106.532	2144.001	2.25%	45.33%
48.0	1366.003	109.668	2253.669	2.32%	47.65%
49.0	1385.896	113.008	2366.678	2.39%	50.04%
50.0	1403.611	116.304	2482.982	2.46%	52.49%
51.0	1419.116	119.425	2602.407	2.52%	55.02%
52.0	1431.111	122.305	2724.712	2.59%	57.60%
53.0	1442.162	124.987	2849.699	2.64%	60.25%
54.0	1448.989	127.430	2977.129	2.69%	62.94%
55.0	1447.428	129.291	3106.421	2.73%	65.67%
56.0	1441.123	130.526	3236.946	2.76%	68.43%
57.0	1430.526	131.298	3368.245	2.78%	71.21%
58.0	1408.000	131.263	3499.508	2.78%	73.99%
59.0	1377.022	130.202	3629.709	2.75%	76.74%
60.0	1326.769	127.737	3757.446	2.70%	79.44%
61.0	1261.043	123.496	3880.941	2.61%	82.05%
62.0	1183.713	117.803	3998.744	2.49%	84.54%
63.0	1086.327	110.404	4109.148	2.33%	86.87%
64.0	989.981	101.884	4211.032	2.15%	89.03%
65.0	885.412	92.812	4303.843	1.96%	90.99%
66.0	773.821	82.785	4386.628	1.75%	92.74%
67.0	653.031	71.746	4458.375	1.52%	94.26%
68.0	542.350	60.554	4518.929	1.28%	95.54%
69.0	432.061	49.710	4568.638	1.05%	96.59%
70.0	316.211	38.430	4607.068	0.81%	97.40%
71.0	232.576	28.364	4635.433	0.60%	98.00%
72.0	172.961	21.087	4656.519	0.45%	98.45%
73.0	111.656	14.883	4671.403	0.31%	98.76%
74.0	79.281	10.038	4681.441	0.21%	98.97%
75.0	58.965	7.304	4688.745	0.15%	99.13%

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 24.8

Date:
Humidity(%): 56%

Operator: LSC

Zonal flux distribution table

Appendix Page: 4 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	46.548	5.601	4694.346	0.12%	99.25%
77.0	38.161	4.516	4698.862	0.10%	99.34%
78.0	33.611	3.842	4702.704	0.08%	99.42%
79.0	29.938	3.414	4706.119	0.07%	99.50%
80.0	26.069	3.019	4709.138	0.06%	99.56%
81.0	23.014	2.654	4711.793	0.06%	99.61%
82.0	20.349	2.351	4714.144	0.05%	99.66%
83.0	17.585	2.062	4716.206	0.04%	99.71%
84.0	15.050	1.778	4717.984	0.04%	99.75%
85.0	13.164	1.540	4719.524	0.03%	99.78%
86.0	11.149	1.329	4720.853	0.03%	99.81%
87.0	9.167	1.112	4721.965	0.02%	99.83%
88.0	7.541	0.915	4722.88	0.02%	99.85%
89.0	6.176	0.752	4723.632	0.02%	99.87%
90.0	4.843	0.604	4724.236	0.01%	99.88%
91.0	4.063	0.488	4724.724	0.01%	99.89%
92.0	3.315	0.404	4725.129	0.01%	99.90%
93.0	2.958	0.344	4725.472	0.01%	99.90%
94.0	2.730	0.311	4725.784	0.01%	99.91%
95.0	2.600	0.291	4726.075	0.01%	99.92%
96.0	2.535	0.280	4726.355	0.01%	99.92%
97.0	2.373	0.267	4726.623	0.01%	99.93%
98.0	2.243	0.251	4726.873	0.01%	99.93%
99.0	2.145	0.238	4727.111	0.01%	99.94%
100.0	2.113	0.230	4727.342	0.00%	99.94%
101.0	1.885	0.216	4727.557	0.00%	99.95%
102.0	1.723	0.194	4727.751	0.00%	99.95%
103.0	1.625	0.179	4727.93	0.00%	99.96%
104.0	1.430	0.163	4728.093	0.00%	99.96%
105.0	1.300	0.145	4728.238	0.00%	99.96%
106.0	1.203	0.132	4728.37	0.00%	99.97%
107.0	1.171	0.125	4728.495	0.00%	99.97%
108.0	1.073	0.117	4728.612	0.00%	99.97%
109.0	0.910	0.103	4728.715	0.00%	99.97%
110.0	0.878	0.092	4728.808	0.00%	99.97%
111.0	0.781	0.085	4728.893	0.00%	99.98%
112.0	0.748	0.078	4728.971	0.00%	99.98%
113.0	0.618	0.069	4729.04	0.00%	99.98%

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 24.8

Date:
Humidity(%): 56%

Operator: LSC

Zonal flux distribution table

Appendix Page: 5 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.552	0.059	4729.099	0.00%	99.98%
115.0	0.520	0.053	4729.152	0.00%	99.98%
116.0	0.520	0.051	4729.204	0.00%	99.98%
117.0	0.455	0.048	4729.252	0.00%	99.98%
118.0	0.455	0.044	4729.296	0.00%	99.99%
119.0	0.423	0.042	4729.338	0.00%	99.99%
120.0	0.423	0.040	4729.379	0.00%	99.99%
121.0	0.390	0.038	4729.417	0.00%	99.99%
122.0	0.390	0.036	4729.454	0.00%	99.99%
123.0	0.390	0.036	4729.49	0.00%	99.99%
124.0	0.390	0.036	4729.525	0.00%	99.99%
125.0	0.390	0.035	4729.561	0.00%	99.99%
126.0	0.390	0.035	4729.595	0.00%	99.99%
127.0	0.390	0.034	4729.63	0.00%	99.99%
128.0	0.390	0.034	4729.664	0.00%	99.99%
129.0	0.357	0.032	4729.696	0.00%	99.99%
130.0	0.357	0.030	4729.726	0.00%	99.99%
131.0	0.357	0.030	4729.756	0.00%	99.99%
132.0	0.357	0.029	4729.785	0.00%	100.00%
133.0	0.292	0.026	4729.811	0.00%	100.00%
134.0	0.292	0.023	4729.835	0.00%	100.00%
135.0	0.325	0.024	4729.859	0.00%	100.00%
136.0	0.357	0.026	4729.885	0.00%	100.00%
137.0	0.357	0.027	4729.912	0.00%	100.00%
138.0	0.325	0.025	4729.937	0.00%	100.00%
139.0	0.227	0.020	4729.957	0.00%	100.00%
140.0	0.227	0.016	4729.973	0.00%	100.00%
141.0	0.162	0.014	4729.987	0.00%	100.00%
142.0	0.098	0.009	4729.996	0.00%	100.00%
143.0	0.032	0.004	4730	0.00%	100.00%
144.0	0.032	0.002	4730.002	0.00%	100.00%
145.0	0.000	0.001	4730.003	0.00%	100.00%
146.0	0.000	0.000	4730.003	0.00%	100.00%
147.0	0.000	0.000	4730.003	0.00%	100.00%
148.0	0.000	0.000	4730.003	0.00%	100.00%
149.0	0.000	0.000	4730.003	0.00%	100.00%
150.0	0.000	0.000	4730.003	0.00%	100.00%
151.0	0.000	0.000	4730.003	0.00%	100.00%

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 24.8

Date:
Humidity(%): 56%

Operator: LSC

Zonal flux distribution table

Appendix Page: 6 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	4730.003	0.00%	100.00%
153.0	0.000	0.000	4730.003	0.00%	100.00%
154.0	0.000	0.000	4730.003	0.00%	100.00%
155.0	0.000	0.000	4730.003	0.00%	100.00%
156.0	0.000	0.000	4730.003	0.00%	100.00%
157.0	0.000	0.000	4730.003	0.00%	100.00%
158.0	0.000	0.000	4730.003	0.00%	100.00%
159.0	0.000	0.000	4730.003	0.00%	100.00%
160.0	0.000	0.000	4730.003	0.00%	100.00%
161.0	0.000	0.000	4730.003	0.00%	100.00%
162.0	0.000	0.000	4730.003	0.00%	100.00%
163.0	0.000	0.000	4730.003	0.00%	100.00%
164.0	0.000	0.000	4730.003	0.00%	100.00%
165.0	0.000	0.000	4730.003	0.00%	100.00%
166.0	0.000	0.000	4730.003	0.00%	100.00%
167.0	0.000	0.000	4730.003	0.00%	100.00%
168.0	0.000	0.000	4730.003	0.00%	100.00%
169.0	0.000	0.000	4730.003	0.00%	100.00%
170.0	0.000	0.000	4730.003	0.00%	100.00%
171.0	0.000	0.000	4730.003	0.00%	100.00%
172.0	0.000	0.000	4730.003	0.00%	100.00%
173.0	0.000	0.000	4730.003	0.00%	100.00%
174.0	0.000	0.000	4730.003	0.00%	100.00%
175.0	0.000	0.000	4730.003	0.00%	100.00%
176.0	0.000	0.000	4730.003	0.00%	100.00%
177.0	0.000	0.000	4730.003	0.00%	100.00%
178.0	0.000	0.000	4730.003	0.00%	100.00%
179.0	0.000	0.000	4730.003	0.00%	100.00%
180.0	0.000	0.000	4730.003	0.00%	100.00%

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 24.8

Date:
Humidity(%): 56%

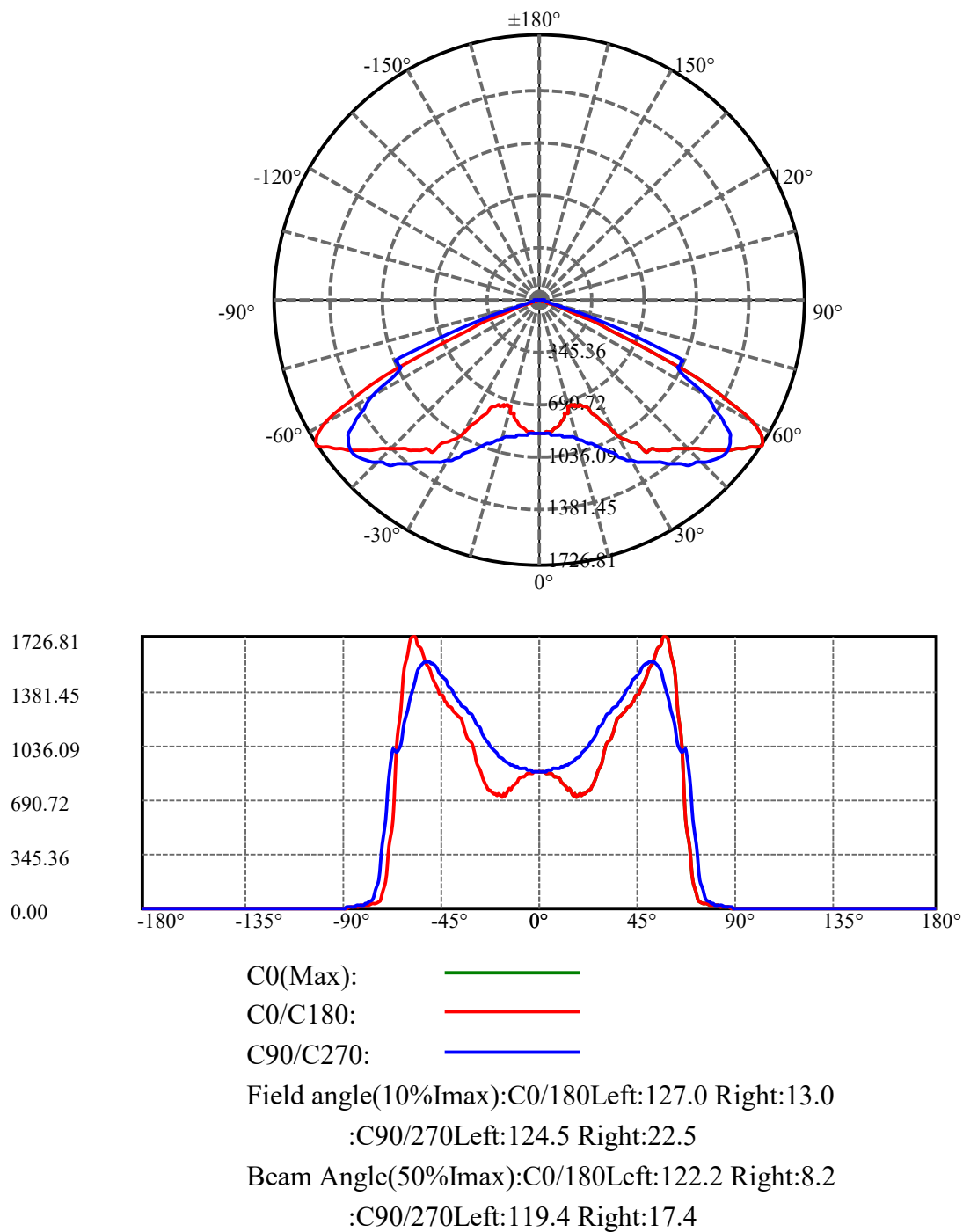
Operator: LSC

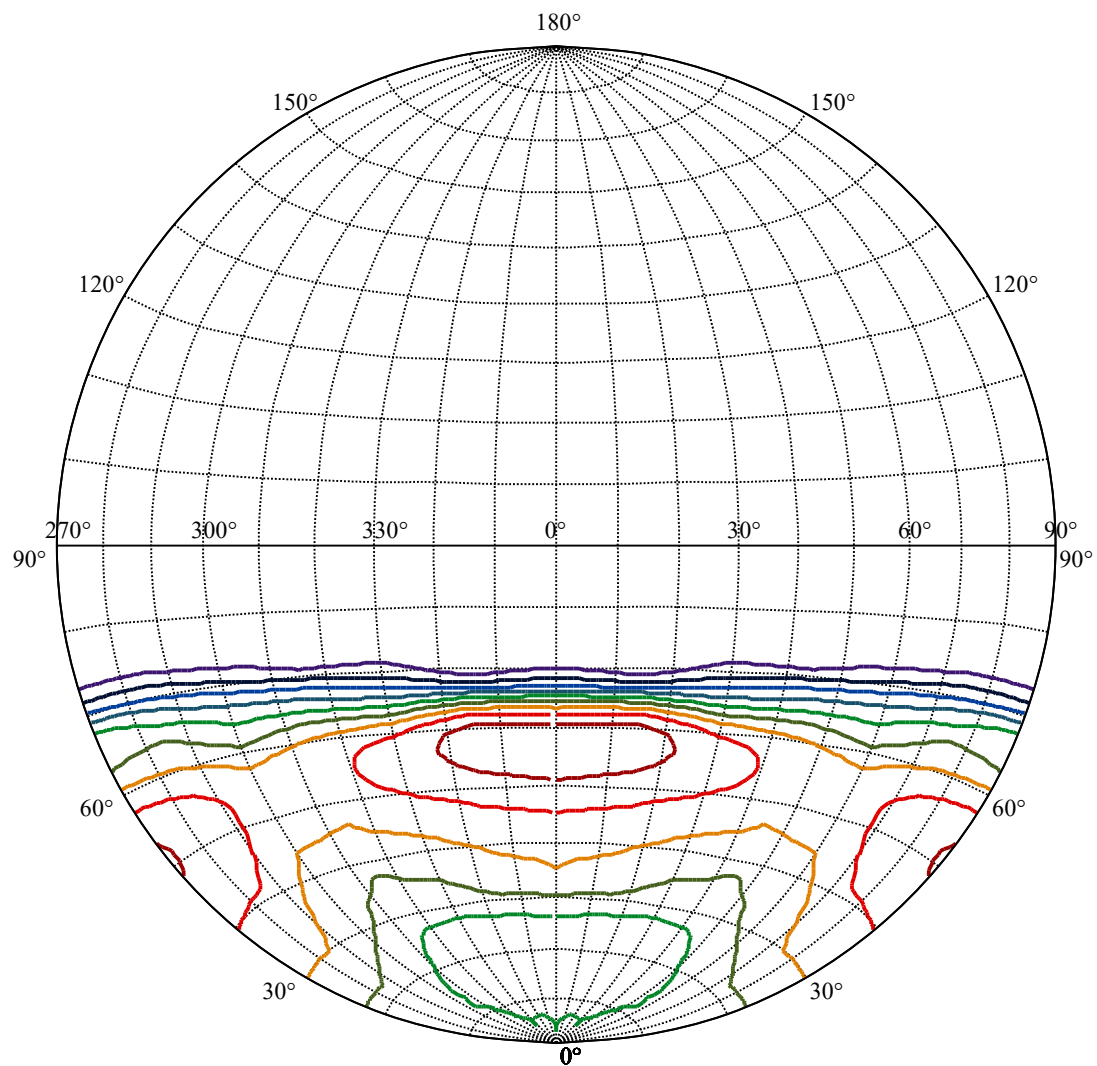
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	751.44	15.89%	15.89%
0-40	1465.64	30.99%	30.99%
0-60	3757.45	79.44%	79.44%
0-90	4724.24	99.88%	99.88%
0-120	4729.38	99.99%	99.99%
0-180	4730.00	100.00%	100.00%
60-90	966.79	20.44%	20.44%
90-120	5.14	0.11%	0.11%
90-130	5.49	0.12%	0.12%
90-150	5.77	0.12%	0.12%
90-180	5.77	0.12%	0.12%
0-60.22	3784.00	80.00%	80.00%

ZONAL LUMEN SUMMARY

0-10	83.04
10-20	237.41
20-30	430.98
30-40	714.21
40-50	1017.34
50-60	1274.46
60-70	849.62
70-80	102.07
80-90	15.10
90-100	3.11
100-110	1.47
110-120	0.57
120-130	0.35
130-140	0.25
140-150	0.03
150-160	0.00
160-170	0.00
170-180	0.00



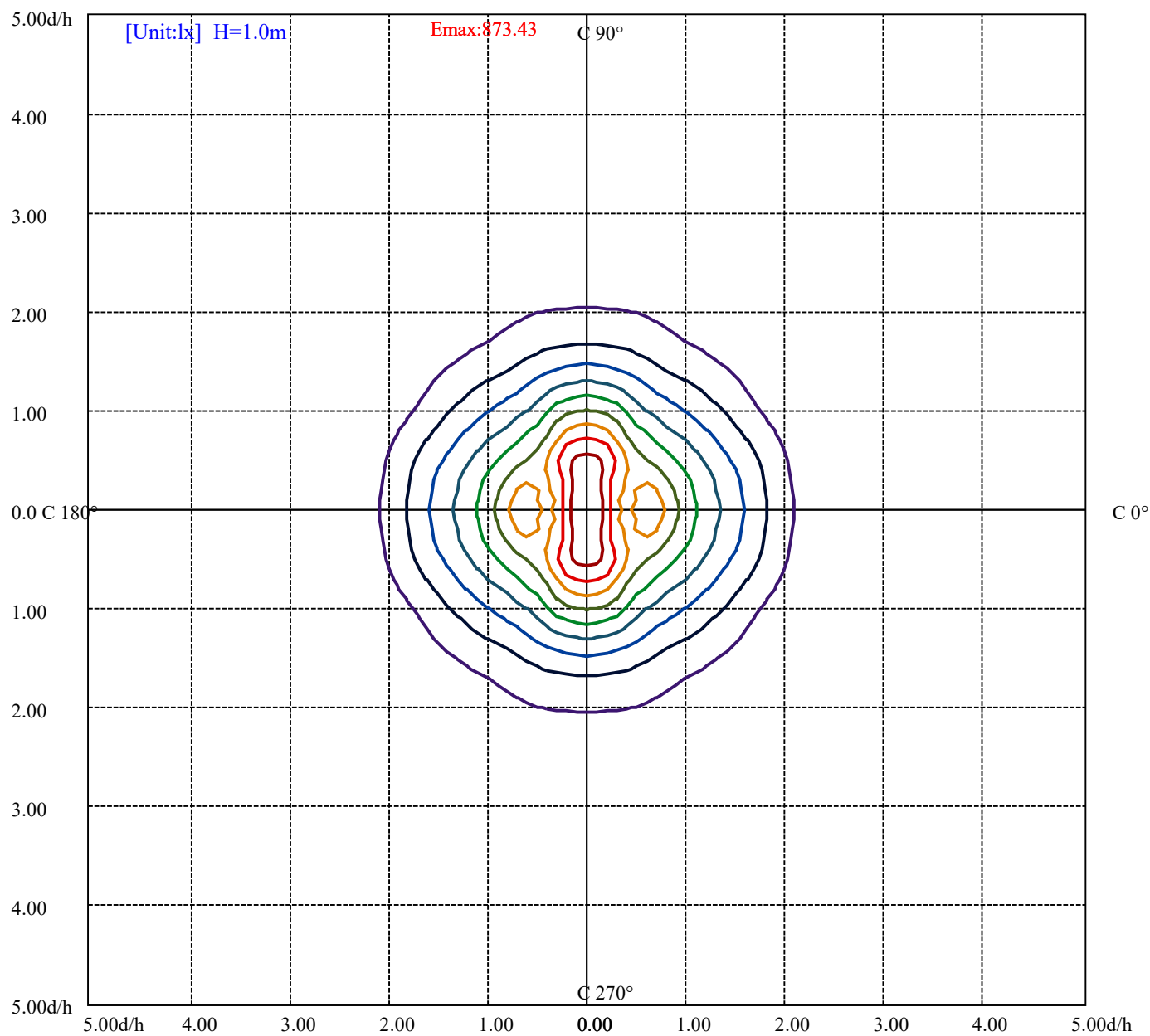


House

[Unit:cd]

Road

	Imax:1726.81	
(10%Imax)	172.681	
(20%Imax)	345.362	
(30%Imax)	518.044	
(40%Imax)	690.725	
(50%Imax)	863.406	
(60%Imax)	1036.09	
(70%Imax)	1208.77	
(80%Imax)	1381.45	
(90%Imax)	1554.13	



(10%Emax)	87.343	—
(20%Emax)	174.686	—
(30%Emax)	262.029	—
(40%Emax)	349.372	—
(50%Emax)	436.715	—
(60%Emax)	524.058	—
(70%Emax)	611.401	—
(80%Emax)	698.744	—
(90%Emax)	786.087	—

Intensity data(cd)

Appendix Page: 11 Total:21

C/ γ (°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	873.43	873.43	868.28	861.26	862.04	861.26	851.51	839.42	832.79
15.0	873.43	873.43	875.50	878.03	878.03	876.86	869.45	862.04	853.65
30.0	873.43	873.43	870.82	869.26	865.36	862.63	863.21	851.51	851.31
45.0	873.43	873.43	883.30	883.10	880.96	881.74	883.49	878.62	866.92
60.0	873.43	873.43	869.45	869.26	870.43	871.99	872.77	870.82	874.72
75.0	873.43	873.43	887.98	888.17	888.95	889.35	890.91	893.83	896.17
90.0	873.43	873.43	870.23	871.79	874.52	881.15	885.05	887.78	891.69
105.0	873.43	873.43	887.98	888.17	888.95	889.35	890.91	893.83	896.17
120.0	873.43	873.43	869.45	869.26	870.43	871.99	872.77	870.82	874.72
135.0	873.43	873.43	883.30	883.10	880.96	881.74	883.49	878.62	866.92
150.0	873.43	873.43	870.82	869.26	865.36	862.63	863.21	851.51	851.31
165.0	873.43	873.43	875.50	878.03	878.03	876.86	869.45	862.04	853.65
180.0	873.43	873.43	868.28	861.26	862.04	861.26	851.51	839.42	832.79
195.0	873.43	873.43	875.50	878.03	878.03	876.86	869.45	862.04	853.65
210.0	873.43	873.43	870.82	869.26	865.36	862.63	863.21	851.51	851.31
225.0	873.43	873.43	883.30	883.10	880.96	881.74	883.49	878.62	866.92
240.0	873.43	873.43	869.45	869.26	870.43	871.99	872.77	870.82	874.72
255.0	873.43	873.43	887.98	888.17	888.95	889.35	890.91	893.83	896.17
270.0	873.43	873.43	870.23	871.79	874.52	881.15	885.05	887.78	891.69
285.0	873.43	873.43	887.98	888.17	888.95	889.35	890.91	893.83	896.17
300.0	873.43	873.43	869.45	869.26	870.43	871.99	872.77	870.82	874.72
315.0	873.43	873.43	883.30	883.10	880.96	881.74	883.49	878.62	866.92
330.0	873.43	873.43	870.82	869.26	865.36	862.63	863.21	851.51	851.31
345.0	873.43	873.43	875.50	878.03	878.03	876.86	869.45	862.04	853.65
360.0	873.43	873.43	868.28	861.26	862.04	861.26	851.51	839.42	832.79

C/ γ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	823.04	803.14	797.29	777.40	755.16	758.67	720.84	724.35	712.26
15.0	847.02	827.13	812.70	798.66	773.11	744.24	735.86	719.08	707.77
30.0	845.27	832.40	820.69	815.62	806.07	797.09	788.12	768.23	757.31
45.0	865.55	860.68	859.31	845.07	844.49	838.05	830.45	818.55	816.21
60.0	876.86	875.89	874.72	873.74	873.35	880.76	882.52	884.66	890.91
75.0	899.49	903.00	905.53	911.58	918.01	922.11	936.15	947.07	958.78
90.0	894.81	899.10	903.39	908.46	914.70	921.72	935.37	944.73	958.00
105.0	899.49	903.00	905.53	911.58	918.01	922.11	936.15	947.07	958.78
120.0	876.86	875.89	874.72	873.74	873.35	880.76	882.52	884.66	890.91
135.0	865.55	860.68	859.31	845.07	844.49	838.05	830.45	818.55	816.21
150.0	845.27	832.40	820.69	815.62	806.07	797.09	788.12	768.23	757.31
165.0	847.02	827.13	812.70	798.66	773.11	744.24	735.86	719.08	707.77
180.0	823.04	803.14	797.29	777.40	755.16	758.67	720.84	724.35	712.26
195.0	847.02	827.13	812.70	798.66	773.11	744.24	735.86	719.08	707.77
210.0	845.27	832.40	820.69	815.62	806.07	797.09	788.12	768.23	757.31
225.0	865.55	860.68	859.31	845.07	844.49	838.05	830.45	818.55	816.21
240.0	876.86	875.89	874.72	873.74	873.35	880.76	882.52	884.66	890.91
255.0	899.49	903.00	905.53	911.58	918.01	922.11	936.15	947.07	958.78
270.0	894.81	899.10	903.39	908.46	914.70	921.72	935.37	944.73	958.00
285.0	899.49	903.00	905.53	911.58	918.01	922.11	936.15	947.07	958.78
300.0	876.86	875.89	874.72	873.74	873.35	880.76	882.52	884.66	890.91
315.0	865.55	860.68	859.31	845.07	844.49	838.05	830.45	818.55	816.21
330.0	845.27	832.40	820.69	815.62	806.07	797.09	788.12	768.23	757.31
345.0	847.02	827.13	812.70	798.66	773.11	744.24	735.86	719.08	707.77
360.0	823.04	803.14	797.29	777.40	755.16	758.67	720.84	724.35	712.26

Intensity data(cd)

Appendix Page: 12 Total:21

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	730.20	718.11	734.49	733.32	752.43	749.70	773.50	810.55	849.95
15.0	701.92	699.58	710.89	728.64	729.03	745.22	778.18	812.11	818.74
30.0	749.31	746.78	744.05	748.92	751.85	765.89	782.66	792.22	809.19
45.0	819.72	822.45	823.81	827.33	832.79	830.25	838.05	853.46	864.38
60.0	898.71	906.12	917.43	931.28	953.90	970.87	987.25	998.95	1008.71
75.0	971.06	983.74	998.56	1016.70	1032.50	1050.05	1071.90	1090.42	1117.14
90.0	969.70	982.96	997.78	1013.00	1028.99	1047.32	1066.04	1097.25	1117.92
105.0	971.06	983.74	998.56	1016.70	1032.50	1050.05	1071.90	1090.42	1117.14
120.0	898.71	906.12	917.43	931.28	953.90	970.87	987.25	998.95	1008.71
135.0	819.72	822.45	823.81	827.33	832.79	830.25	838.05	853.46	864.38
150.0	749.31	746.78	744.05	748.92	751.85	765.89	782.66	792.22	809.19
165.0	701.92	699.58	710.89	728.64	729.03	745.22	778.18	812.11	818.74
180.0	730.20	718.11	734.49	733.32	752.43	749.70	773.50	810.55	849.95
195.0	701.92	699.58	710.89	728.64	729.03	745.22	778.18	812.11	818.74
210.0	749.31	746.78	744.05	748.92	751.85	765.89	782.66	792.22	809.19
225.0	819.72	822.45	823.81	827.33	832.79	830.25	838.05	853.46	864.38
240.0	898.71	906.12	917.43	931.28	953.90	970.87	987.25	998.95	1008.71
255.0	971.06	983.74	998.56	1016.70	1032.50	1050.05	1071.90	1090.42	1117.14
270.0	969.70	982.96	997.78	1013.00	1028.99	1047.32	1066.04	1097.25	1117.92
285.0	971.06	983.74	998.56	1016.70	1032.50	1050.05	1071.90	1090.42	1117.14
300.0	898.71	906.12	917.43	931.28	953.90	970.87	987.25	998.95	1008.71
315.0	819.72	822.45	823.81	827.33	832.79	830.25	838.05	853.46	864.38
330.0	749.31	746.78	744.05	748.92	751.85	765.89	782.66	792.22	809.19
345.0	701.92	699.58	710.89	728.64	729.03	745.22	778.18	812.11	818.74
360.0	730.20	718.11	734.49	733.32	752.43	749.70	773.50	810.55	849.95
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	884.66	926.40	974.38	1021.58	1052.39	1073.06	1096.08	1131.18	1205.69
15.0	861.26	900.66	954.29	993.69	1034.84	1078.53	1107.00	1139.57	1154.98
30.0	838.25	871.99	894.61	915.87	952.73	967.16	987.06	1017.68	1044.40
45.0	873.55	909.63	922.89	939.86	956.44	964.24	968.92	981.01	1001.88
60.0	1022.94	1044.40	1058.05	1074.04	1083.60	1094.71	1099.00	1111.29	1119.68
75.0	1137.04	1159.27	1186.77	1207.05	1224.80	1242.55	1251.52	1261.66	1272.39
90.0	1149.52	1169.02	1188.52	1210.37	1229.87	1245.08	1261.47	1277.85	1290.33
105.0	1137.04	1159.27	1186.77	1207.05	1224.80	1242.55	1251.52	1261.66	1272.39
120.0	1022.94	1044.40	1058.05	1074.04	1083.60	1094.71	1099.00	1111.29	1119.68
135.0	873.55	909.63	922.89	939.86	956.44	964.24	968.92	981.01	1001.88
150.0	838.25	871.99	894.61	915.87	952.73	967.16	987.06	1017.68	1044.40
165.0	861.26	900.66	954.29	993.69	1034.84	1078.53	1107.00	1139.57	1154.98
180.0	884.66	926.40	974.38	1021.58	1052.39	1073.06	1096.08	1131.18	1205.69
195.0	861.26	900.66	954.29	993.69	1034.84	1078.53	1107.00	1139.57	1154.98
210.0	838.25	871.99	894.61	915.87	952.73	967.16	987.06	1017.68	1044.40
225.0	873.55	909.63	922.89	939.86	956.44	964.24	968.92	981.01	1001.88
240.0	1022.94	1044.40	1058.05	1074.04	1083.60	1094.71	1099.00	1111.29	1119.68
255.0	1137.04	1159.27	1186.77	1207.05	1224.80	1242.55	1251.52	1261.66	1272.39
270.0	1149.52	1169.02	1188.52	1210.37	1229.87	1245.08	1261.47	1277.85	1290.33
285.0	1137.04	1159.27	1186.77	1207.05	1224.80	1242.55	1251.52	1261.66	1272.39
300.0	1022.94	1044.40	1058.05	1074.04	1083.60	1094.71	1099.00	1111.29	1119.68
315.0	873.55	909.63	922.89	939.86	956.44	964.24	968.92	981.01	1001.88
330.0	838.25	871.99	894.61	915.87	952.73	967.16	987.06	1017.68	1044.40
345.0	861.26	900.66	954.29	993.69	1034.84	1078.53	1107.00	1139.57	1154.98
360.0	884.66	926.40	974.38	1021.58	1052.39	1073.06	1096.08	1131.18	1205.69

Intensity data(cd)

Appendix Page: 13 Total:21

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	1212.71	1217.78	1242.74	1257.17	1279.02	1290.72	1304.37	1324.27	1347.67
15.0	1167.07	1184.82	1198.28	1212.32	1227.92	1248.98	1266.34	1287.79	1309.44
30.0	1061.75	1085.55	1111.29	1132.55	1157.12	1177.60	1194.57	1216.41	1235.72
45.0	1017.87	1023.72	1050.64	1058.83	1080.87	1092.37	1119.48	1150.69	1177.60
60.0	1117.14	1118.70	1122.02	1139.38	1152.64	1161.03	1177.99	1193.40	1205.69
75.0	1288.19	1301.25	1319.20	1334.80	1351.18	1367.76	1389.99	1406.38	1425.49
90.0	1305.54	1320.76	1349.23	1369.12	1389.80	1410.86	1443.63	1460.01	1472.10
105.0	1288.19	1301.25	1319.20	1334.80	1351.18	1367.76	1389.99	1406.38	1425.49
120.0	1117.14	1118.70	1122.02	1139.38	1152.64	1161.03	1177.99	1193.40	1205.69
135.0	1017.87	1023.72	1050.64	1058.83	1080.87	1092.37	1119.48	1150.69	1177.60
150.0	1061.75	1085.55	1111.29	1132.55	1157.12	1177.60	1194.57	1216.41	1235.72
165.0	1167.07	1184.82	1198.28	1212.32	1227.92	1248.98	1266.34	1287.79	1309.44
180.0	1212.71	1217.78	1242.74	1257.17	1279.02	1290.72	1304.37	1324.27	1347.67
195.0	1167.07	1184.82	1198.28	1212.32	1227.92	1248.98	1266.34	1287.79	1309.44
210.0	1061.75	1085.55	1111.29	1132.55	1157.12	1177.60	1194.57	1216.41	1235.72
225.0	1017.87	1023.72	1050.64	1058.83	1080.87	1092.37	1119.48	1150.69	1177.60
240.0	1117.14	1118.70	1122.02	1139.38	1152.64	1161.03	1177.99	1193.40	1205.69
255.0	1288.19	1301.25	1319.20	1334.80	1351.18	1367.76	1389.99	1406.38	1425.49
270.0	1305.54	1320.76	1349.23	1369.12	1389.80	1410.86	1443.63	1460.01	1472.10
285.0	1288.19	1301.25	1319.20	1334.80	1351.18	1367.76	1389.99	1406.38	1425.49
300.0	1117.14	1118.70	1122.02	1139.38	1152.64	1161.03	1177.99	1193.40	1205.69
315.0	1017.87	1023.72	1050.64	1058.83	1080.87	1092.37	1119.48	1150.69	1177.60
330.0	1061.75	1085.55	1111.29	1132.55	1157.12	1177.60	1194.57	1216.41	1235.72
345.0	1167.07	1184.82	1198.28	1212.32	1227.92	1248.98	1266.34	1287.79	1309.44
360.0	1212.71	1217.78	1242.74	1257.17	1279.02	1290.72	1304.37	1324.27	1347.67

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	1366.39	1396.04	1418.66	1458.84	1487.31	1518.13	1550.89	1583.66	1617.21
15.0	1333.04	1361.13	1388.63	1409.69	1441.48	1480.29	1507.01	1532.76	1557.52
30.0	1259.71	1285.65	1308.08	1329.73	1363.66	1382.39	1409.49	1431.92	1450.26
45.0	1194.96	1205.10	1211.93	1234.55	1248.01	1269.27	1290.92	1305.74	1315.68
60.0	1221.29	1227.92	1234.36	1246.25	1259.12	1266.73	1269.85	1270.24	1277.46
75.0	1440.70	1455.33	1464.49	1471.13	1479.51	1480.88	1478.34	1471.71	1465.27
90.0	1491.22	1513.84	1528.66	1550.50	1559.87	1566.11	1567.28	1564.94	1556.35
105.0	1440.70	1455.33	1464.49	1471.13	1479.51	1480.88	1478.34	1471.71	1465.27
120.0	1221.29	1227.92	1234.36	1246.25	1259.12	1266.73	1269.85	1270.24	1277.46
135.0	1194.96	1205.10	1211.93	1234.55	1248.01	1269.27	1290.92	1305.74	1315.68
150.0	1259.71	1285.65	1308.08	1329.73	1363.66	1382.39	1409.49	1431.92	1450.26
165.0	1333.04	1361.13	1388.63	1409.69	1441.48	1480.29	1507.01	1532.76	1557.52
180.0	1366.39	1396.04	1418.66	1458.84	1487.31	1518.13	1550.89	1583.66	1617.21
195.0	1333.04	1361.13	1388.63	1409.69	1441.48	1480.29	1507.01	1532.76	1557.52
210.0	1259.71	1285.65	1308.08	1329.73	1363.66	1382.39	1409.49	1431.92	1450.26
225.0	1194.96	1205.10	1211.93	1234.55	1248.01	1269.27	1290.92	1305.74	1315.68
240.0	1221.29	1227.92	1234.36	1246.25	1259.12	1266.73	1269.85	1270.24	1277.46
255.0	1440.70	1455.33	1464.49	1471.13	1479.51	1480.88	1478.34	1471.71	1465.27
270.0	1491.22	1513.84	1528.66	1550.50	1559.87	1566.11	1567.28	1564.94	1556.35
285.0	1440.70	1455.33	1464.49	1471.13	1479.51	1480.88	1478.34	1471.71	1465.27
300.0	1221.29	1227.92	1234.36	1246.25	1259.12	1266.73	1269.85	1270.24	1277.46
315.0	1194.96	1205.10	1211.93	1234.55	1248.01	1269.27	1290.92	1305.74	1315.68
330.0	1259.71	1285.65	1308.08	1329.73	1363.66	1382.39	1409.49	1431.92	1450.26
345.0	1333.04	1361.13	1388.63	1409.69	1441.48	1480.29	1507.01	1532.76	1557.52
360.0	1366.39	1396.04	1418.66	1458.84	1487.31	1518.13	1550.89	1583.66	1617.21

Intensity data(cd)

Appendix Page: 14 Total:21

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	1648.41	1676.88	1710.82	1726.81	1711.60	1676.49	1613.69	1521.25	1399.94
15.0	1584.24	1607.45	1626.37	1643.34	1647.63	1648.99	1606.28	1548.36	1459.23
30.0	1464.10	1468.78	1469.96	1462.74	1441.09	1406.77	1352.74	1282.53	1162.00
45.0	1323.10	1324.85	1321.15	1314.71	1306.13	1279.99	1242.35	1173.31	1110.12
60.0	1277.26	1267.71	1250.93	1228.12	1197.30	1152.64	1108.37	1035.81	982.57
75.0	1450.65	1418.86	1390.58	1359.96	1324.46	1282.92	1218.36	1174.48	1137.23
90.0	1540.75	1516.96	1464.69	1421.78	1351.18	1305.15	1251.32	1182.28	1102.32
105.0	1450.65	1418.86	1390.58	1359.96	1324.46	1282.92	1218.36	1174.48	1137.23
120.0	1277.26	1267.71	1250.93	1228.12	1197.30	1152.64	1108.37	1035.81	982.57
135.0	1323.10	1324.85	1321.15	1314.71	1306.13	1279.99	1242.35	1173.31	1110.12
150.0	1464.10	1468.78	1469.96	1462.74	1441.09	1406.77	1352.74	1282.53	1162.00
165.0	1584.24	1607.45	1626.37	1643.34	1647.63	1648.99	1606.28	1548.36	1459.23
180.0	1648.41	1676.88	1710.82	1726.81	1711.60	1676.49	1613.69	1521.25	1399.94
195.0	1584.24	1607.45	1626.37	1643.34	1647.63	1648.99	1606.28	1548.36	1459.23
210.0	1464.10	1468.78	1469.96	1462.74	1441.09	1406.77	1352.74	1282.53	1162.00
225.0	1323.10	1324.85	1321.15	1314.71	1306.13	1279.99	1242.35	1173.31	1110.12
240.0	1277.26	1267.71	1250.93	1228.12	1197.30	1152.64	1108.37	1035.81	982.57
255.0	1450.65	1418.86	1390.58	1359.96	1324.46	1282.92	1218.36	1174.48	1137.23
270.0	1540.75	1516.96	1464.69	1421.78	1351.18	1305.15	1251.32	1182.28	1102.32
285.0	1450.65	1418.86	1390.58	1359.96	1324.46	1282.92	1218.36	1174.48	1137.23
300.0	1277.26	1267.71	1250.93	1228.12	1197.30	1152.64	1108.37	1035.81	982.57
315.0	1323.10	1324.85	1321.15	1314.71	1306.13	1279.99	1242.35	1173.31	1110.12
330.0	1464.10	1468.78	1469.96	1462.74	1441.09	1406.77	1352.74	1282.53	1162.00
345.0	1584.24	1607.45	1626.37	1643.34	1647.63	1648.99	1606.28	1548.36	1459.23
360.0	1648.41	1676.88	1710.82	1726.81	1711.60	1676.49	1613.69	1521.25	1399.94

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1257.96	1096.47	924.84	677.54	524.25	392.79	269.92	169.68	99.08
15.0	1289.94	1121.24	924.26	714.40	464.76	295.28	166.36	72.36	55.19
30.0	1031.52	916.45	773.30	666.03	565.79	472.37	352.62	278.31	194.45
45.0	1035.03	931.86	841.95	749.12	654.72	556.04	421.27	304.25	185.09
60.0	924.26	875.11	828.30	770.77	692.17	600.89	512.15	382.07	301.13
75.0	1090.03	1045.76	981.01	898.71	779.54	717.33	653.16	497.53	404.11
90.0	1036.40	1002.46	1002.46	1010.26	998.17	831.62	703.67	555.84	411.91
105.0	1090.03	1045.76	981.01	898.71	779.54	717.33	653.16	497.53	404.11
120.0	924.26	875.11	828.30	770.77	692.17	600.89	512.15	382.07	301.13
135.0	1035.03	931.86	841.95	749.12	654.72	556.04	421.27	304.25	185.09
150.0	1031.52	916.45	773.30	666.03	565.79	472.37	352.62	278.31	194.45
165.0	1289.94	1121.24	924.26	714.40	464.76	295.28	166.36	72.36	55.19
180.0	1257.96	1096.47	924.84	677.54	524.25	392.79	269.92	169.68	99.08
195.0	1289.94	1121.24	924.26	714.40	464.76	295.28	166.36	72.36	55.19
210.0	1031.52	916.45	773.30	666.03	565.79	472.37	352.62	278.31	194.45
225.0	1035.03	931.86	841.95	749.12	654.72	556.04	421.27	304.25	185.09
240.0	924.26	875.11	828.30	770.77	692.17	600.89	512.15	382.07	301.13
255.0	1090.03	1045.76	981.01	898.71	779.54	717.33	653.16	497.53	404.11
270.0	1036.40	1002.46	1002.46	1010.26	998.17	831.62	703.67	555.84	411.91
285.0	1090.03	1045.76	981.01	898.71	779.54	717.33	653.16	497.53	404.11
300.0	924.26	875.11	828.30	770.77	692.17	600.89	512.15	382.07	301.13
315.0	1035.03	931.86	841.95	749.12	654.72	556.04	421.27	304.25	185.09
330.0	1031.52	916.45	773.30	666.03	565.79	472.37	352.62	278.31	194.45
345.0	1289.94	1121.24	924.26	714.40	464.76	295.28	166.36	72.36	55.19
360.0	1257.96	1096.47	924.84	677.54	524.25	392.79	269.92	169.68	99.08

Intensity data(cd)

Appendix Page: 15 Total:21

C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	57.34	41.74	37.06	33.94	30.82	26.14	23.40	21.06	17.94
15.0	49.15	44.08	40.18	36.67	33.35	28.08	26.33	24.19	20.67
30.0	157.20	104.15	70.60	49.73	40.76	37.25	33.35	30.43	26.92
45.0	122.87	83.47	59.49	47.98	41.74	36.86	33.94	29.26	26.52
60.0	226.63	130.67	89.91	64.75	49.54	40.96	35.89	32.96	28.48
75.0	309.71	192.89	137.11	98.10	71.38	53.44	43.30	38.03	32.38
90.0	287.09	187.62	119.75	79.18	54.22	38.62	34.33	28.48	24.97
105.0	309.71	192.89	137.11	98.10	71.38	53.44	43.30	38.03	32.38
120.0	226.63	130.67	89.91	64.75	49.54	40.96	35.89	32.96	28.48
135.0	122.87	83.47	59.49	47.98	41.74	36.86	33.94	29.26	26.52
150.0	157.20	104.15	70.60	49.73	40.76	37.25	33.35	30.43	26.92
165.0	49.15	44.08	40.18	36.67	33.35	28.08	26.33	24.19	20.67
180.0	57.34	41.74	37.06	33.94	30.82	26.14	23.40	21.06	17.94
195.0	49.15	44.08	40.18	36.67	33.35	28.08	26.33	24.19	20.67
210.0	157.20	104.15	70.60	49.73	40.76	37.25	33.35	30.43	26.92
225.0	122.87	83.47	59.49	47.98	41.74	36.86	33.94	29.26	26.52
240.0	226.63	130.67	89.91	64.75	49.54	40.96	35.89	32.96	28.48
255.0	309.71	192.89	137.11	98.10	71.38	53.44	43.30	38.03	32.38
270.0	287.09	187.62	119.75	79.18	54.22	38.62	34.33	28.48	24.97
285.0	309.71	192.89	137.11	98.10	71.38	53.44	43.30	38.03	32.38
300.0	226.63	130.67	89.91	64.75	49.54	40.96	35.89	32.96	28.48
315.0	122.87	83.47	59.49	47.98	41.74	36.86	33.94	29.26	26.52
330.0	157.20	104.15	70.60	49.73	40.76	37.25	33.35	30.43	26.92
345.0	49.15	44.08	40.18	36.67	33.35	28.08	26.33	24.19	20.67
360.0	57.34	41.74	37.06	33.94	30.82	26.14	23.40	21.06	17.94
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	16.38	14.04	12.48	10.14	8.19	7.02	4.68	3.51	2.73
15.0	18.92	16.77	14.04	12.09	10.34	8.58	7.02	4.88	3.51
30.0	22.82	20.67	18.14	15.02	13.46	11.12	9.36	8.00	6.44
45.0	23.79	20.09	17.94	16.19	14.24	12.29	10.73	9.17	7.80
60.0	24.97	22.23	19.70	16.58	15.21	13.07	11.31	10.14	8.78
75.0	29.06	26.14	21.26	18.53	15.99	13.85	11.31	9.36	8.00
90.0	20.67	18.33	16.38	13.65	11.31	8.97	5.85	3.90	2.34
105.0	29.06	26.14	21.26	18.53	15.99	13.85	11.31	9.36	8.00
120.0	24.97	22.23	19.70	16.58	15.21	13.07	11.31	10.14	8.78
135.0	23.79	20.09	17.94	16.19	14.24	12.29	10.73	9.17	7.80
150.0	22.82	20.67	18.14	15.02	13.46	11.12	9.36	8.00	6.44
165.0	18.92	16.77	14.04	12.09	10.34	8.58	7.02	4.88	3.51
180.0	16.38	14.04	12.48	10.14	8.19	7.02	4.68	3.51	2.73
195.0	18.92	16.77	14.04	12.09	10.34	8.58	7.02	4.88	3.51
210.0	22.82	20.67	18.14	15.02	13.46	11.12	9.36	8.00	6.44
225.0	23.79	20.09	17.94	16.19	14.24	12.29	10.73	9.17	7.80
240.0	24.97	22.23	19.70	16.58	15.21	13.07	11.31	10.14	8.78
255.0	29.06	26.14	21.26	18.53	15.99	13.85	11.31	9.36	8.00
270.0	20.67	18.33	16.38	13.65	11.31	8.97	5.85	3.90	2.34
285.0	29.06	26.14	21.26	18.53	15.99	13.85	11.31	9.36	8.00
300.0	24.97	22.23	19.70	16.58	15.21	13.07	11.31	10.14	8.78
315.0	23.79	20.09	17.94	16.19	14.24	12.29	10.73	9.17	7.80
330.0	22.82	20.67	18.14	15.02	13.46	11.12	9.36	8.00	6.44
345.0	18.92	16.77	14.04	12.09	10.34	8.58	7.02	4.88	3.51
360.0	16.38	14.04	12.48	10.14	8.19	7.02	4.68	3.51	2.73

C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	1.95	1.56	0.78	0.39	0.39	0.39	0.39	0.39	0.39
15.0	1.95	0.97	0.59	0.59	0.39	0.39	0.39	0.39	0.39
30.0	5.07	3.90	3.12	2.54	2.15	1.76	1.56	1.56	1.17
45.0	6.24	5.46	4.29	4.10	3.90	3.71	3.51	3.32	3.12
60.0	7.61	7.02	6.63	6.05	5.46	5.27	5.27	4.68	4.68
75.0	6.44	5.85	4.88	4.29	4.29	4.29	4.29	4.10	3.90
90.0	1.56	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	6.44	5.85	4.88	4.29	4.29	4.29	4.29	4.10	3.90
120.0	7.61	7.02	6.63	6.05	5.46	5.27	5.27	4.68	4.68
135.0	6.24	5.46	4.29	4.10	3.90	3.71	3.51	3.32	3.12
150.0	5.07	3.90	3.12	2.54	2.15	1.76	1.56	1.56	1.17
165.0	1.95	0.97	0.59	0.59	0.39	0.39	0.39	0.39	0.39
180.0	1.95	1.56	0.78	0.39	0.39	0.39	0.39	0.39	0.39
195.0	1.95	0.97	0.59	0.59	0.39	0.39	0.39	0.39	0.39
210.0	5.07	3.90	3.12	2.54	2.15	1.76	1.56	1.56	1.17
225.0	6.24	5.46	4.29	4.10	3.90	3.71	3.51	3.32	3.12
240.0	7.61	7.02	6.63	6.05	5.46	5.27	5.27	4.68	4.68
255.0	6.44	5.85	4.88	4.29	4.29	4.29	4.29	4.10	3.90
270.0	1.56	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	6.44	5.85	4.88	4.29	4.29	4.29	4.29	4.10	3.90
300.0	7.61	7.02	6.63	6.05	5.46	5.27	5.27	4.68	4.68
315.0	6.24	5.46	4.29	4.10	3.90	3.71	3.51	3.32	3.12
330.0	5.07	3.90	3.12	2.54	2.15	1.76	1.56	1.56	1.17
345.0	1.95	0.97	0.59	0.59	0.39	0.39	0.39	0.39	0.39
360.0	1.95	1.56	0.78	0.39	0.39	0.39	0.39	0.39	0.39
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.39	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.39
15.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
30.0	1.17	1.17	1.17	1.17	1.17	0.97	0.78	0.78	0.78
45.0	2.93	2.73	2.34	2.15	1.95	1.56	1.56	1.56	1.37
60.0	4.29	4.29	3.71	3.51	3.12	2.73	2.54	2.15	2.15
75.0	3.90	3.90	3.51	3.12	3.12	2.93	2.54	2.34	2.15
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	3.90	3.90	3.51	3.12	3.12	2.93	2.54	2.34	2.15
120.0	4.29	4.29	3.71	3.51	3.12	2.73	2.54	2.15	2.15
135.0	2.93	2.73	2.34	2.15	1.95	1.56	1.56	1.56	1.37
150.0	1.17	1.17	1.17	1.17	1.17	0.97	0.78	0.78	0.78
165.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
180.0	0.39	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.39
195.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
210.0	1.17	1.17	1.17	1.17	1.17	0.97	0.78	0.78	0.78
225.0	2.93	2.73	2.34	2.15	1.95	1.56	1.56	1.56	1.37
240.0	4.29	4.29	3.71	3.51	3.12	2.73	2.54	2.15	2.15
255.0	3.90	3.90	3.51	3.12	3.12	2.93	2.54	2.34	2.15
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	3.90	3.90	3.51	3.12	3.12	2.93	2.54	2.34	2.15
300.0	4.29	4.29	3.71	3.51	3.12	2.73	2.54	2.15	2.15
315.0	2.93	2.73	2.34	2.15	1.95	1.56	1.56	1.56	1.37
330.0	1.17	1.17	1.17	1.17	1.17	0.97	0.78	0.78	0.78
345.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
360.0	0.39	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.39

Intensity data(cd)

Appendix Page: 17 Total:21

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
15.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
30.0	0.78	0.78	0.78	0.78	0.59	0.39	0.39	0.39	0.39
45.0	1.37	0.97	0.97	0.78	0.78	0.39	0.39	0.39	0.39
60.0	1.76	1.37	1.37	1.17	1.17	1.17	0.97	0.78	0.78
75.0	1.95	1.76	1.56	1.37	1.37	1.17	0.97	0.97	0.97
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	1.95	1.76	1.56	1.37	1.37	1.17	0.97	0.97	0.97
120.0	1.76	1.37	1.37	1.17	1.17	1.17	0.97	0.78	0.78
135.0	1.37	0.97	0.97	0.78	0.78	0.39	0.39	0.39	0.39
150.0	0.78	0.78	0.78	0.78	0.59	0.39	0.39	0.39	0.39
165.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
180.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
195.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
210.0	0.78	0.78	0.78	0.78	0.59	0.39	0.39	0.39	0.39
225.0	1.37	0.97	0.97	0.78	0.78	0.39	0.39	0.39	0.39
240.0	1.76	1.37	1.37	1.17	1.17	1.17	0.97	0.78	0.78
255.0	1.95	1.76	1.56	1.37	1.37	1.17	0.97	0.97	0.97
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	1.95	1.76	1.56	1.37	1.37	1.17	0.97	0.97	0.97
300.0	1.76	1.37	1.37	1.17	1.17	1.17	0.97	0.78	0.78
315.0	1.37	0.97	0.97	0.78	0.78	0.39	0.39	0.39	0.39
330.0	0.78	0.78	0.78	0.78	0.59	0.39	0.39	0.39	0.39
345.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
360.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.39	0.39	0.39	0.39	0.78	0.78	0.78	0.78	0.78
15.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
30.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
45.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
60.0	0.78	0.78	0.59	0.59	0.39	0.39	0.39	0.39	0.39
75.0	0.59	0.59	0.59	0.59	0.39	0.39	0.39	0.39	0.39
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.59	0.59	0.59	0.59	0.39	0.39	0.39	0.39	0.39
120.0	0.78	0.78	0.59	0.59	0.39	0.39	0.39	0.39	0.39
135.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
150.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
165.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
180.0	0.39	0.39	0.39	0.39	0.78	0.78	0.78	0.78	0.78
195.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
210.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
225.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
240.0	0.78	0.78	0.59	0.59	0.39	0.39	0.39	0.39	0.39
255.0	0.59	0.59	0.59	0.59	0.39	0.39	0.39	0.39	0.39
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.59	0.59	0.59	0.59	0.39	0.39	0.39	0.39	0.39
300.0	0.78	0.78	0.59	0.59	0.39	0.39	0.39	0.39	0.39
315.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
330.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
345.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
360.0	0.39	0.39	0.39	0.39	0.78	0.78	0.78	0.78	0.78

C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.39	0.39
15.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
30.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
45.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
60.0	0.39	0.39	0.39	0.19	0.19	0.39	0.39	0.19	0.19
75.0	0.39	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.19
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.39	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.19
120.0	0.39	0.39	0.39	0.19	0.19	0.39	0.39	0.19	0.19
135.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
150.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
165.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
180.0	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.39	0.39
195.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
210.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
225.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
240.0	0.39	0.39	0.39	0.19	0.19	0.39	0.39	0.19	0.19
255.0	0.39	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.19
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.39	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.19
300.0	0.39	0.39	0.39	0.19	0.19	0.39	0.39	0.19	0.19
315.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
330.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
345.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
360.0	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.39	0.39
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.00
15.0	0.39	0.59	0.59	0.39	0.19	0.19	0.19	0.00	0.00
30.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.19
45.0	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.00	0.00
60.0	0.39	0.39	0.39	0.39	0.19	0.19	0.00	0.00	0.00
75.0	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00
120.0	0.39	0.39	0.39	0.39	0.19	0.19	0.00	0.00	0.00
135.0	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.00	0.00
150.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.19
165.0	0.39	0.59	0.59	0.39	0.19	0.19	0.19	0.00	0.00
180.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.00
195.0	0.39	0.59	0.59	0.39	0.19	0.19	0.19	0.00	0.00
210.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.19
225.0	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.00	0.00
240.0	0.39	0.39	0.39	0.39	0.19	0.19	0.00	0.00	0.00
255.0	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00
300.0	0.39	0.39	0.39	0.39	0.19	0.19	0.00	0.00	0.00
315.0	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.00	0.00
330.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.19
345.0	0.39	0.59	0.59	0.39	0.19	0.19	0.19	0.00	0.00
360.0	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.00

C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
285.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
345.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

Appendix Page: 21 Total:21

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