



Bell-Southcn Testing Laboratory
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Address:First floor, Huaxia Building, No.116, Jiangmu Road, Jianghai District, Jiangmen City, Guangdong, China.

Client:

LumCAT: B7811

Luminaire:

Report No:

Ballast type:

Test No: BST24112501-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.072

Lamp flux(lm)

Power (W): 8.321

Number of Lamps: 1

PF: 0.956

Length(mm): 375

Width(mm): 375

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 482.92, Luminous Efficacy(lm/W): 58.04

Central intensity(cd): 166.04, Maximum intensity(cd): 169.16

Angle of maximum intensity: C=180.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=125.3

[C90/270]Total=122.4

Field angle(10%Imax): [C0/180]Total=145.4

[C90/270]Total=144.6

Beam angle of C180 plane : 124.47

IES Classification : TypeVS

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 0.1364224

Max Cd(80 to 90°Vert) : 0.1364224

Street Side UpWard Lumens: 0.24%of Luminaire

Street Side DownWard Lumens: 50.12%of Luminaire

House Side UpWard Lumens: 0.25%of Luminaire

House Side DownWard Lumens: 49.40%of Luminaire

SLI: 14.809 (C Flash Area: 0.034)

Throw: 103.8 (long), Spread: 25.0 (narrow), Control: 14.809 (tight)

Equipment: GMS-1800
Temperature(°C): 25.0

Date: 2024-11-25
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	166.043	0.000	0.000	0.000%	0.000%
1.0	165.958	0.159	0.159	0.033%	0.033%
2.0	165.830	0.476	0.635	0.099%	0.132%
3.0	165.753	0.793	1.428	0.164%	0.296%
4.0	165.566	1.109	2.537	0.230%	0.525%
5.0	165.361	1.424	3.961	0.295%	0.820%
6.0	165.097	1.737	5.697	0.360%	1.180%
7.0	164.790	2.048	7.745	0.424%	1.604%
8.0	164.329	2.355	10.100	0.488%	2.092%
9.0	163.980	2.661	12.761	0.551%	2.643%
10.0	163.605	2.965	15.726	0.614%	3.256%
11.0	163.076	3.264	18.990	0.676%	3.932%
12.0	162.419	3.558	22.548	0.737%	4.669%
13.0	161.643	3.846	26.394	0.796%	5.466%
14.0	160.927	4.129	30.523	0.855%	6.320%
15.0	160.049	4.407	34.929	0.912%	7.233%
16.0	159.154	4.677	39.606	0.969%	8.201%
17.0	158.472	4.946	44.553	1.024%	9.226%
18.0	157.773	5.214	49.767	1.080%	10.305%
19.0	156.826	5.473	55.240	1.133%	11.439%
20.0	155.863	5.723	60.963	1.185%	12.624%
21.0	154.771	5.965	66.928	1.235%	13.859%
22.0	154.004	6.205	73.133	1.285%	15.144%
23.0	152.947	6.441	79.574	1.334%	16.478%
24.0	151.727	6.661	86.235	1.379%	17.857%
25.0	150.764	6.878	93.113	1.424%	19.281%
26.0	149.681	7.092	100.205	1.469%	20.750%
27.0	148.504	7.295	107.500	1.511%	22.261%
28.0	147.336	7.490	114.990	1.551%	23.812%
29.0	145.929	7.673	122.663	1.589%	25.400%
30.0	144.770	7.849	130.512	1.625%	27.026%
31.0	143.747	8.029	138.541	1.663%	28.688%
32.0	142.195	8.192	146.733	1.696%	30.385%
33.0	140.890	8.340	155.072	1.727%	32.112%
34.0	139.270	8.478	163.551	1.756%	33.867%
35.0	138.153	8.616	172.167	1.784%	35.651%
36.0	137.002	8.761	180.928	1.814%	37.466%
37.0	135.143	8.876	189.804	1.838%	39.304%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	133.677	8.973	198.776	1.858%	41.162%
39.0	132.082	9.071	207.848	1.878%	43.040%
40.0	130.497	9.158	217.005	1.896%	44.936%
41.0	128.680	9.229	226.234	1.911%	46.847%
42.0	126.574	9.274	235.508	1.920%	48.768%
43.0	125.082	9.322	244.830	1.930%	50.698%
44.0	123.616	9.387	254.217	1.944%	52.642%
45.0	121.578	9.423	263.640	1.951%	54.593%
46.0	119.677	9.435	273.075	1.954%	56.547%
47.0	117.571	9.436	282.511	1.954%	58.501%
48.0	115.933	9.439	291.950	1.955%	60.456%
49.0	114.169	9.449	301.400	1.957%	62.412%
50.0	112.045	9.432	310.831	1.953%	64.365%
51.0	109.948	9.392	320.224	1.945%	66.310%
52.0	107.791	9.343	329.567	1.935%	68.245%
53.0	105.497	9.278	338.845	1.921%	70.166%
54.0	103.724	9.222	348.066	1.910%	72.076%
55.0	101.234	9.149	357.215	1.895%	73.970%
56.0	99.111	9.053	366.268	1.875%	75.845%
57.0	97.227	8.977	375.245	1.859%	77.704%
58.0	94.353	8.859	384.105	1.835%	79.538%
59.0	91.437	8.686	392.791	1.799%	81.337%
60.0	87.933	8.474	401.265	1.755%	83.092%
61.0	85.230	8.264	409.528	1.711%	84.803%
62.0	82.510	8.083	417.611	1.674%	86.477%
63.0	78.903	7.850	425.461	1.626%	88.102%
64.0	75.919	7.597	433.058	1.573%	89.675%
65.0	72.815	7.361	440.419	1.524%	91.200%
66.0	69.635	7.107	447.527	1.472%	92.671%
67.0	65.031	6.771	454.298	1.402%	94.074%
68.0	56.487	6.156	460.454	1.275%	95.348%
69.0	49.402	5.402	465.856	1.119%	96.467%
70.0	37.132	4.444	470.300	0.920%	97.387%
71.0	29.220	3.429	473.729	0.710%	98.097%
72.0	20.668	2.594	476.323	0.537%	98.634%
73.0	12.679	1.744	478.067	0.361%	98.996%
74.0	8.305	1.103	479.170	0.228%	99.224%
75.0	4.758	0.690	479.860	0.143%	99.367%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	2.140	0.366	480.227	0.076%	99.443%
77.0	0.452	0.138	480.365	0.029%	99.471%
78.0	0.153	0.032	480.397	0.007%	99.478%
79.0	0.145	0.016	480.413	0.003%	99.481%
80.0	0.136	0.015	480.428	0.003%	99.485%
81.0	0.136	0.015	480.443	0.003%	99.488%
82.0	0.136	0.015	480.458	0.003%	99.491%
83.0	0.136	0.015	480.473	0.003%	99.494%
84.0	0.128	0.014	480.487	0.003%	99.497%
85.0	0.128	0.014	480.501	0.003%	99.500%
86.0	0.119	0.014	480.515	0.003%	99.502%
87.0	0.119	0.013	480.528	0.003%	99.505%
88.0	0.128	0.014	480.541	0.003%	99.508%
89.0	0.102	0.013	480.554	0.003%	99.511%
90.0	0.111	0.012	480.566	0.002%	99.513%
91.0	0.094	0.011	480.577	0.002%	99.515%
92.0	0.128	0.012	480.589	0.003%	99.518%
93.0	0.094	0.012	480.601	0.003%	99.520%
94.0	0.128	0.012	480.613	0.003%	99.523%
95.0	0.128	0.014	480.627	0.003%	99.526%
96.0	0.128	0.014	480.641	0.003%	99.529%
97.0	0.128	0.014	480.655	0.003%	99.531%
98.0	0.136	0.014	480.669	0.003%	99.534%
99.0	0.128	0.014	480.684	0.003%	99.537%
100.0	0.136	0.014	480.698	0.003%	99.540%
101.0	0.136	0.015	480.713	0.003%	99.543%
102.0	0.153	0.016	480.728	0.003%	99.547%
103.0	0.188	0.018	480.747	0.004%	99.550%
104.0	0.196	0.020	480.767	0.004%	99.555%
105.0	0.196	0.021	480.788	0.004%	99.559%
106.0	0.213	0.022	480.810	0.004%	99.563%
107.0	0.230	0.023	480.833	0.005%	99.568%
108.0	0.230	0.024	480.857	0.005%	99.573%
109.0	0.256	0.025	480.882	0.005%	99.579%
110.0	0.256	0.026	480.909	0.005%	99.584%
111.0	0.264	0.027	480.935	0.006%	99.590%
112.0	0.273	0.027	480.963	0.006%	99.595%
113.0	0.273	0.028	480.990	0.006%	99.601%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.273	0.027	481.018	0.006%	99.607%
115.0	0.290	0.028	481.046	0.006%	99.612%
116.0	0.281	0.028	481.074	0.006%	99.618%
117.0	0.333	0.030	481.104	0.006%	99.625%
118.0	0.350	0.033	481.138	0.007%	99.631%
119.0	0.350	0.034	481.171	0.007%	99.638%
120.0	0.384	0.035	481.206	0.007%	99.646%
121.0	0.375	0.036	481.242	0.007%	99.653%
122.0	0.409	0.037	481.279	0.008%	99.661%
123.0	0.392	0.037	481.316	0.008%	99.668%
124.0	0.409	0.037	481.352	0.008%	99.676%
125.0	0.418	0.037	481.390	0.008%	99.684%
126.0	0.409	0.037	481.427	0.008%	99.691%
127.0	0.409	0.036	481.463	0.007%	99.699%
128.0	0.409	0.036	481.498	0.007%	99.706%
129.0	0.426	0.036	481.534	0.007%	99.714%
130.0	0.435	0.036	481.571	0.008%	99.721%
131.0	0.460	0.037	481.608	0.008%	99.729%
132.0	0.477	0.039	481.647	0.008%	99.737%
133.0	0.503	0.040	481.686	0.008%	99.745%
134.0	0.520	0.041	481.727	0.008%	99.753%
135.0	0.512	0.040	481.767	0.008%	99.762%
136.0	0.546	0.041	481.808	0.008%	99.770%
137.0	0.537	0.041	481.849	0.008%	99.779%
138.0	0.546	0.040	481.889	0.008%	99.787%
139.0	0.546	0.040	481.928	0.008%	99.795%
140.0	0.563	0.039	481.968	0.008%	99.803%
141.0	0.554	0.039	482.007	0.008%	99.811%
142.0	0.563	0.038	482.045	0.008%	99.819%
143.0	0.580	0.038	482.083	0.008%	99.827%
144.0	0.580	0.038	482.121	0.008%	99.835%
145.0	0.580	0.037	482.158	0.008%	99.843%
146.0	0.605	0.037	482.195	0.008%	99.850%
147.0	0.631	0.037	482.232	0.008%	99.858%
148.0	0.639	0.037	482.270	0.008%	99.866%
149.0	0.622	0.036	482.306	0.007%	99.873%
150.0	0.648	0.035	482.341	0.007%	99.881%
151.0	0.639	0.035	482.376	0.007%	99.888%

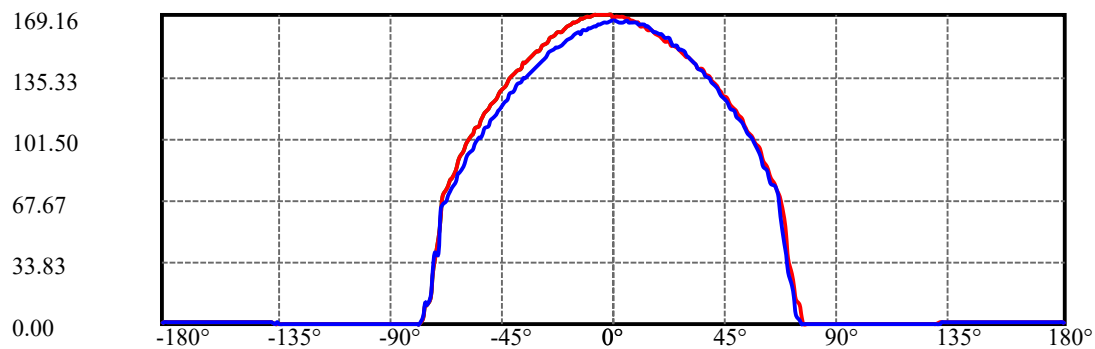
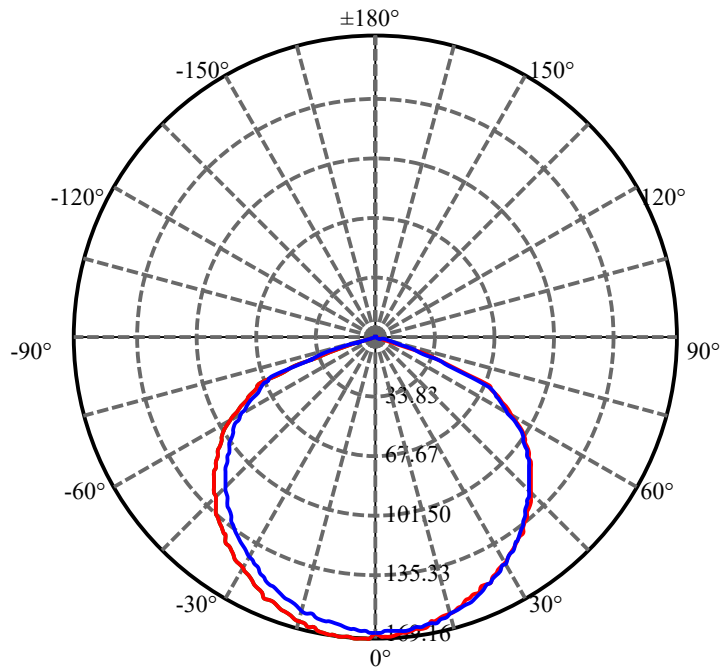
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.674	0.034	482.410	0.007%	99.895%
153.0	0.674	0.034	482.444	0.007%	99.902%
154.0	0.665	0.033	482.477	0.007%	99.909%
155.0	0.682	0.032	482.509	0.007%	99.915%
156.0	0.674	0.031	482.540	0.006%	99.922%
157.0	0.682	0.030	482.569	0.006%	99.928%
158.0	0.682	0.029	482.598	0.006%	99.934%
159.0	0.682	0.027	482.625	0.006%	99.939%
160.0	0.682	0.026	482.652	0.005%	99.945%
161.0	0.682	0.025	482.676	0.005%	99.950%
162.0	0.682	0.024	482.700	0.005%	99.955%
163.0	0.699	0.023	482.723	0.005%	99.960%
164.0	0.708	0.022	482.745	0.005%	99.964%
165.0	0.682	0.020	482.765	0.004%	99.968%
166.0	0.682	0.019	482.784	0.004%	99.972%
167.0	0.699	0.018	482.802	0.004%	99.976%
168.0	0.691	0.016	482.818	0.003%	99.979%
169.0	0.691	0.015	482.833	0.003%	99.983%
170.0	0.742	0.014	482.848	0.003%	99.985%
171.0	0.708	0.013	482.861	0.003%	99.988%
172.0	0.716	0.012	482.872	0.002%	99.991%
173.0	0.733	0.010	482.883	0.002%	99.993%
174.0	0.733	0.009	482.892	0.002%	99.995%
175.0	0.776	0.008	482.900	0.002%	99.996%
176.0	0.776	0.007	482.906	0.001%	99.998%
177.0	0.759	0.005	482.911	0.001%	99.999%
178.0	0.750	0.004	482.915	0.001%	99.999%
179.0	0.767	0.002	482.917	0.000%	100.000%
180.0	0.000	0.000	482.918	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	130.51	27.03%
0-40	217.01	44.94%
0-60	401.26	83.09%
0-90	480.57	99.51%
0-120	481.21	99.65%
0-180	482.92	100.00%
60-90	79.30	16.42%
90-120	0.64	0.13%
90-130	1.01	0.21%
90-150	1.78	0.37%
90-180	2.35	0.49%
0-58.26	386.33	80.00%

ZONAL LUMEN SUMMARY

0-10	15.73
10-20	45.24
20-30	69.55
30-40	86.49
40-50	93.83
50-60	90.43
60-70	69.04
70-80	10.13
80-90	0.14
90-100	0.13
100-110	0.21
110-120	0.30
120-130	0.36
130-140	0.40
140-150	0.37
150-160	0.31
160-170	0.20
170-180	0.07



C180(Max): ———

C0/C180: ———

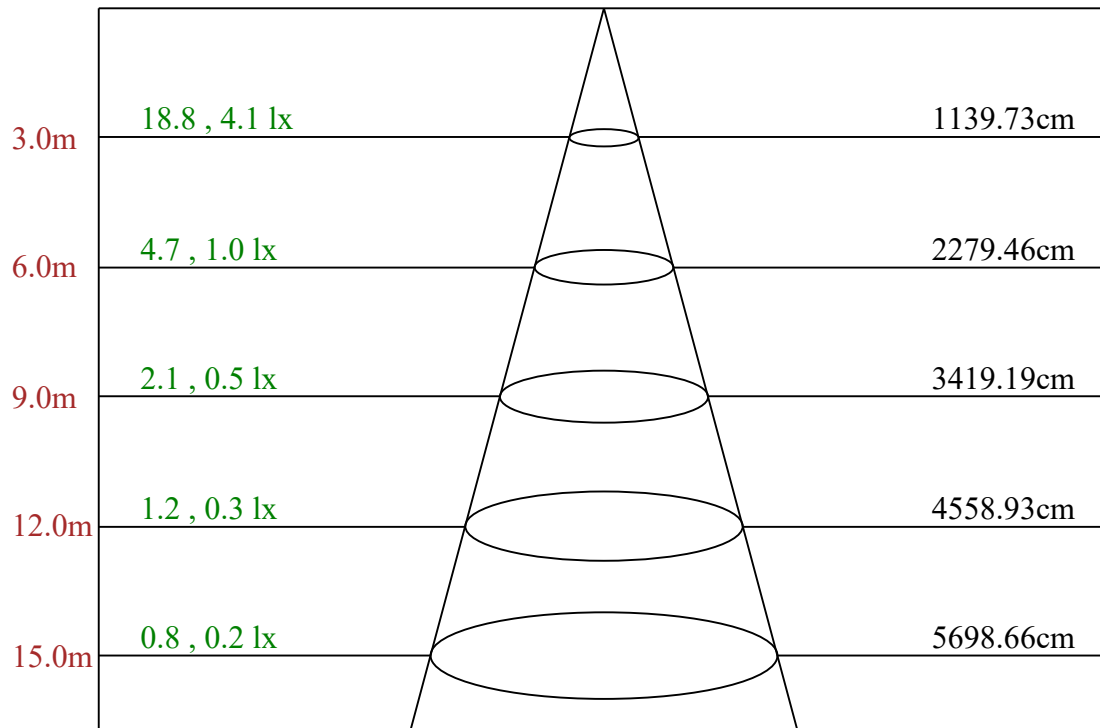
C90/C270: ———

Field angle(10%Imax):C0/180Left:72.8 Right:72.6

:C90/270Left:72.9 Right:71.7

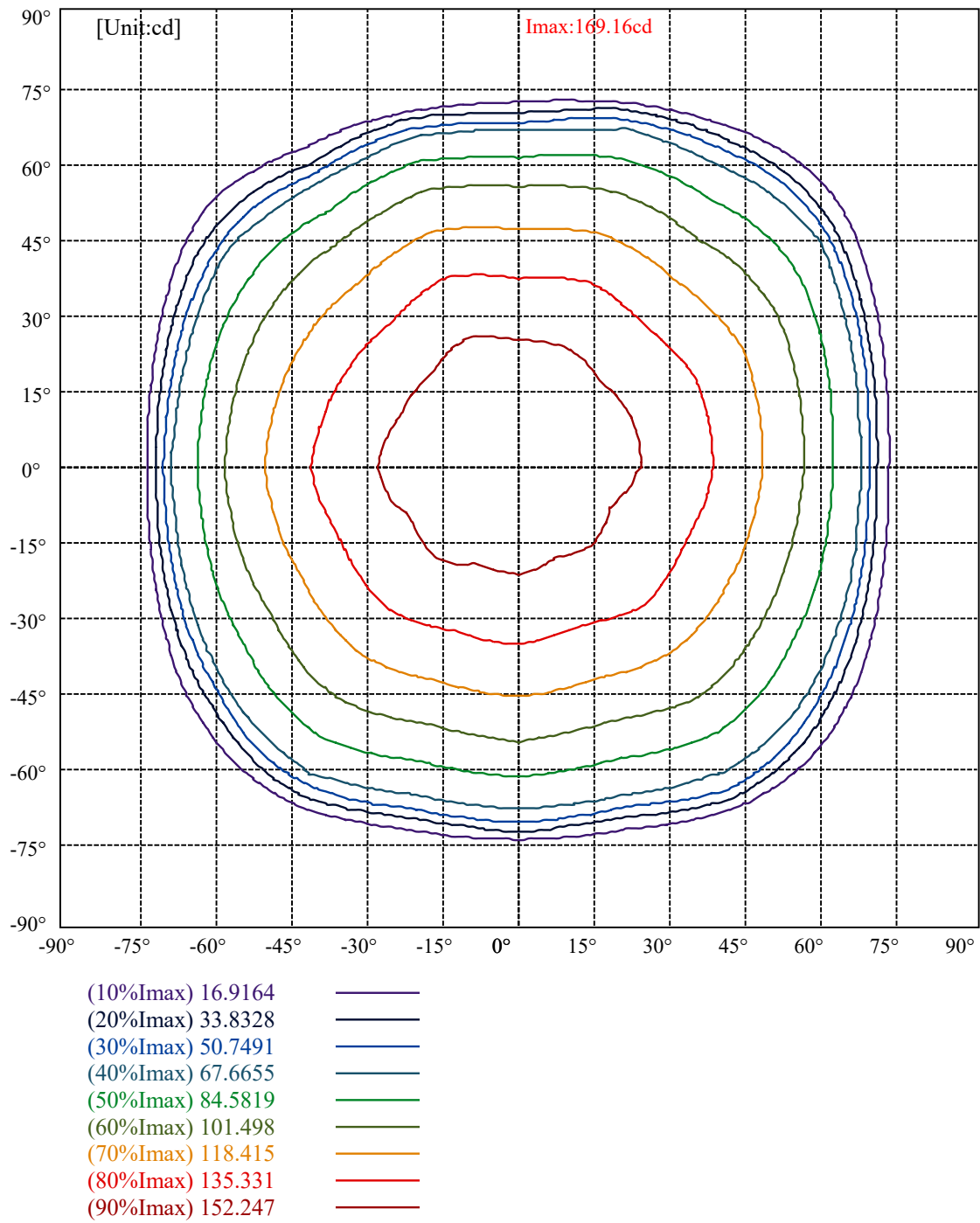
Beam Angle(50%Imax):C0/180Left:63.3 Right:62.0

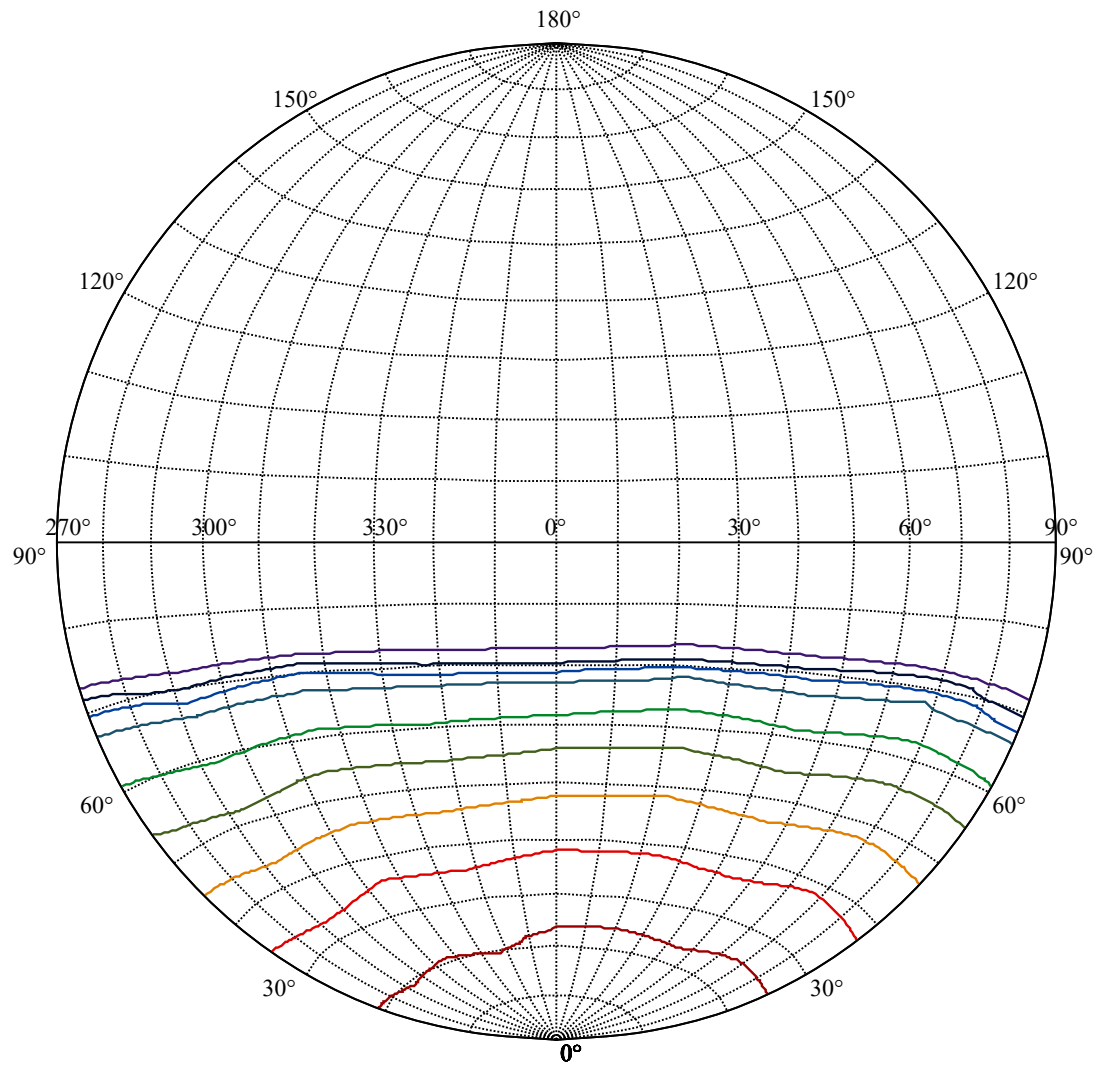
:C90/270Left:61.2 Right:61.2



Max , Ave

Beam angle of C180 plane 124.47



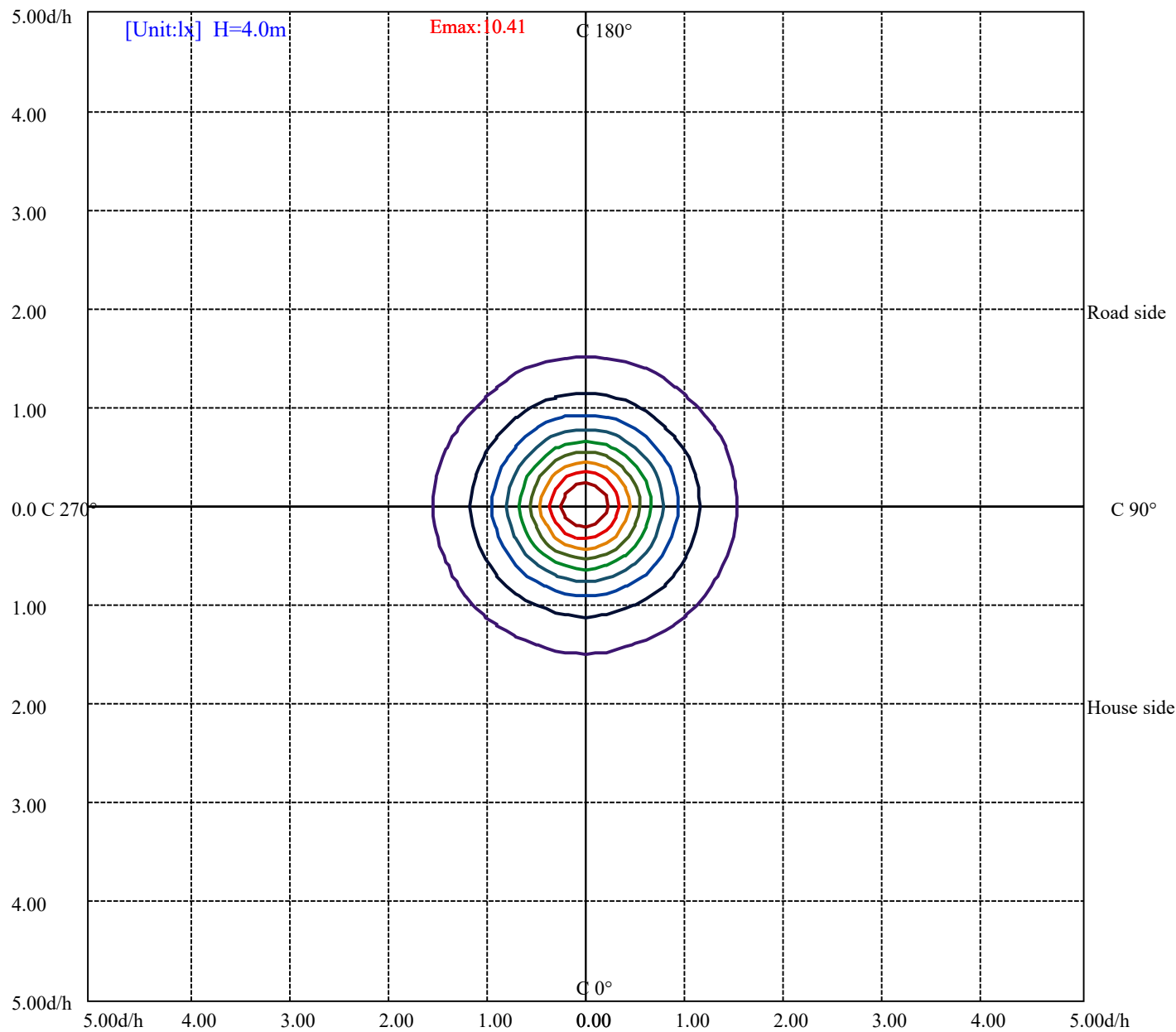


House

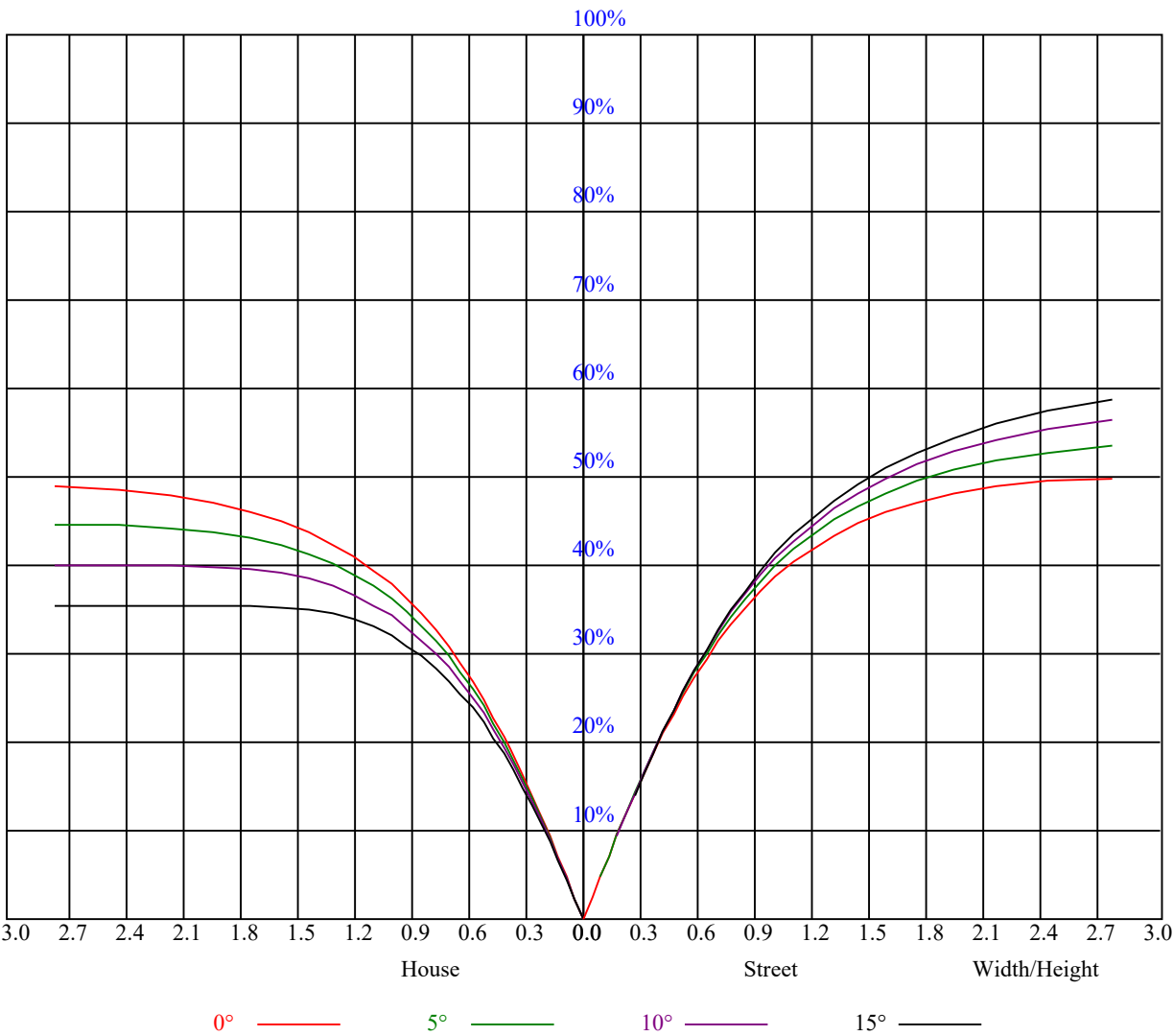
[Unit:cd]

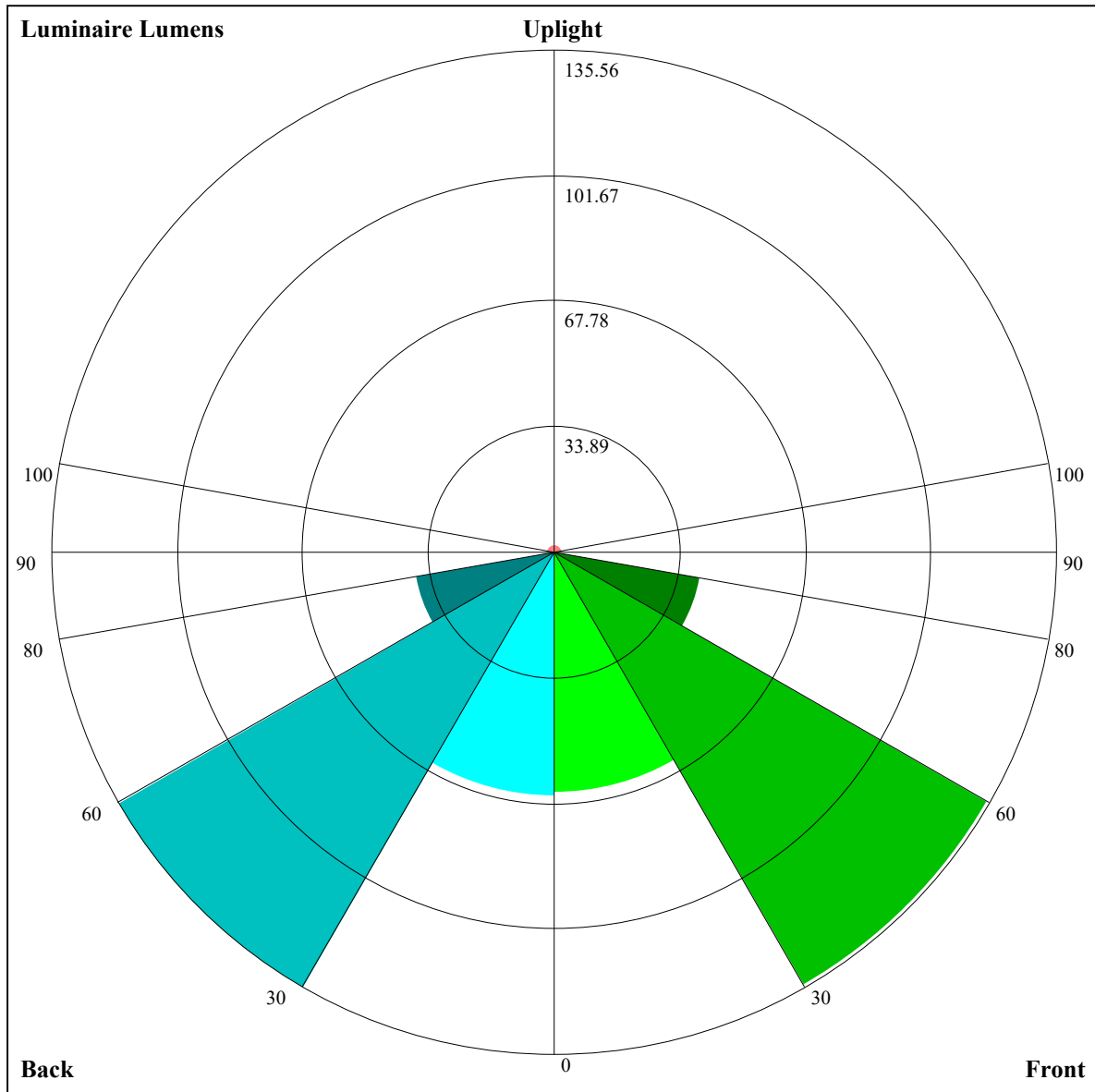
Road

Imax:169.16	
(10%Imax) 16.9164	
(20%Imax) 33.8328	
(30%Imax) 50.7491	
(40%Imax) 67.6655	
(50%Imax) 84.5819	
(60%Imax) 101.498	
(70%Imax) 118.415	
(80%Imax) 135.331	
(90%Imax) 152.247	



(10%Emax)	1.041006	—
(20%Emax)	2.082012	—
(30%Emax)	3.123019	—
(40%Emax)	4.164031	—
(50%Emax)	5.205038	—
(60%Emax)	6.246044	—
(70%Emax)	7.287063	—
(80%Emax)	8.328062	—
(90%Emax)	9.369062	—





Luminaire Lumens:

FL=64.83,FM=134.64,FH=40.2,FVH=0.07

BL=65.63,BM=135.56,BH=37.91,BVH=0.07

UL=0,UH=2.17

BUG Rating:B0-U1-G0

Intensity data(cd)

Appendix Page: 15 Total:21

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	166.04	168.48	167.66	167.80	167.66	166.98	166.57	166.44	165.62
22.5	166.04	166.84	166.71	166.44	166.16	166.03	165.48	165.07	164.80
45.0	166.04	165.62	165.62	165.34	165.34	165.34	164.93	165.07	164.80
67.5	166.04	165.48	165.62	165.62	165.48	165.48	165.34	165.07	165.07
90.0	166.04	166.03	165.48	165.48	165.48	165.62	165.34	165.34	164.80
112.5	166.04	165.21	165.07	165.62	165.62	165.62	165.62	166.03	166.16
135.0	166.04	165.48	165.48	165.62	165.48	165.48	165.48	165.34	164.66
157.5	166.04	165.48	165.21	165.62	165.48	165.48	165.34	165.21	164.93
180.0	166.04	169.03	169.16	169.03	169.16	169.16	169.03	168.89	168.89
202.5	166.04	166.98	166.71	166.57	166.57	166.30	166.03	165.75	165.34
225.0	166.04	165.89	165.89	165.62	165.21	164.80	165.62	165.07	164.93
247.5	166.04	164.80	165.21	164.80	164.39	164.12	163.84	163.71	163.02
270.0	166.04	165.62	164.93	165.07	164.53	164.25	163.71	163.16	162.34
292.5	166.04	164.80	164.53	164.53	164.12	163.43	162.89	161.52	160.57
315.0	166.04	164.66	165.48	165.07	164.93	164.66	163.57	162.75	162.21
337.5	166.04	164.93	164.53	163.84	163.43	163.02	162.75	162.21	161.11
360.0	166.04	168.48	167.66	167.80	167.66	166.98	166.57	166.44	165.62
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	165.34	164.80	162.89	162.62	161.39	160.98	160.30	159.75	159.07
22.5	164.12	163.98	163.43	162.62	161.93	161.11	160.71	159.34	158.66
45.0	164.39	163.71	162.34	161.66	160.71	160.16	159.48	158.52	157.84
67.5	164.25	164.66	164.66	164.12	163.43	162.21	161.52	160.43	159.61
90.0	164.53	164.39	163.98	163.71	162.75	162.62	160.98	160.02	160.02
112.5	165.62	164.93	165.07	164.39	164.12	163.57	162.75	162.21	161.25
135.0	165.07	164.66	164.53	164.12	163.30	162.89	160.98	160.30	160.16
157.5	164.93	164.93	164.39	163.57	163.16	162.34	161.66	160.84	159.48
180.0	168.62	168.35	167.80	166.71	166.57	165.62	164.80	164.53	163.57
202.5	164.66	164.93	164.93	163.98	163.30	162.34	160.71	159.75	159.34
225.0	164.80	163.98	162.89	162.48	162.07	161.11	160.43	159.34	158.66
247.5	162.89	162.21	161.25	160.16	159.34	158.39	158.39	157.02	156.75
270.0	161.93	161.66	160.98	160.30	158.93	159.48	159.07	157.70	156.61
292.5	160.43	159.34	159.61	159.20	158.11	156.89	155.66	154.43	154.16
315.0	161.39	161.11	160.98	160.43	159.48	157.84	156.75	156.48	155.25
337.5	160.71	160.02	159.48	158.66	157.70	157.30	156.61	155.79	155.11
360.0	165.34	164.80	162.89	162.62	161.39	160.98	160.30	159.75	159.07
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	158.11	156.61	155.79	154.57	154.02	152.66	152.25	151.70	150.06
22.5	157.70	156.89	156.07	155.11	154.16	153.61	152.38	150.88	150.20
45.0	157.16	156.20	154.98	153.88	153.48	152.25	150.88	150.75	149.38
67.5	160.16	158.52	158.25	157.16	155.79	155.11	153.88	152.38	151.57
90.0	159.07	158.52	157.84	156.48	156.07	154.02	152.38	152.25	150.75
112.5	160.57	160.43	159.61	158.80	157.30	156.34	155.39	153.88	153.75
135.0	159.07	158.80	157.43	156.48	155.79	154.70	152.79	152.11	150.88
157.5	159.48	158.80	157.98	157.16	156.07	154.84	153.61	152.52	151.16
180.0	162.48	161.80	160.71	159.34	159.20	158.66	157.43	156.07	154.98
202.5	158.11	158.11	156.89	155.79	155.11	152.66	151.43	151.02	150.06
225.0	158.11	157.02	155.66	154.98	153.88	153.20	151.97	150.34	150.20
247.5	155.93	153.88	152.93	151.29	151.43	150.47	149.11	147.88	146.24
270.0	155.66	154.57	153.48	152.11	151.16	151.02	149.79	149.11	147.75
292.5	153.07	152.38	151.29	150.34	149.66	148.43	146.79	146.11	144.61
315.0	155.39	154.29	152.93	152.11	150.47	149.79	149.25	148.02	147.06
337.5	154.29	152.38	151.97	150.75	150.47	149.38	148.29	147.20	146.24
360.0	158.11	156.61	155.79	154.57	154.02	152.66	152.25	151.70	150.06

Intensity data(cd)

Appendix Page: 16 Total:21

C/ γ (°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	148.70	147.47	146.38	145.70	144.61	143.24	141.88	140.24	139.42
22.5	149.25	148.70	148.15	145.97	145.29	143.24	142.42	140.79	139.83
45.0	148.02	146.52	145.56	144.74	143.24	142.15	140.79	138.74	137.92
67.5	150.88	149.93	148.02	146.79	146.11	144.47	143.38	141.74	140.38
90.0	149.93	148.70	146.79	146.24	144.88	142.97	142.02	139.70	138.88
112.5	152.52	151.16	150.06	148.84	147.61	145.97	144.47	143.11	141.61
135.0	149.93	148.70	146.79	146.24	144.88	143.11	142.02	139.83	139.01
157.5	150.06	148.97	148.15	146.79	145.84	144.47	143.11	141.61	140.11
180.0	153.07	151.84	150.61	148.97	148.84	147.47	145.70	144.61	143.24
202.5	148.70	147.20	145.97	145.15	143.93	142.42	141.06	139.29	138.47
225.0	149.38	148.56	146.38	144.61	143.79	142.15	140.52	139.15	137.51
247.5	145.02	143.52	141.88	141.20	139.56	138.33	137.10	135.33	134.24
270.0	145.56	144.20	143.11	141.61	140.79	139.15	137.65	136.29	134.92
292.5	143.79	142.56	140.38	139.42	138.20	137.10	135.60	133.56	132.74
315.0	145.70	145.29	143.79	142.02	141.33	139.83	138.47	137.51	136.15
337.5	145.56	144.06	142.83	142.02	141.06	139.01	138.06	136.83	136.01
360.0	148.70	147.47	146.38	145.70	144.61	143.24	141.88	140.24	139.42
C/ γ (°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	138.33	137.10	135.47	133.56	132.06	130.28	128.37	127.28	125.24
22.5	138.88	136.83	135.74	134.10	132.88	131.78	129.19	127.55	126.46
45.0	136.70	134.24	133.56	131.37	130.01	128.24	126.05	125.10	123.33
67.5	139.29	137.10	136.01	134.65	133.01	130.83	129.06	127.01	126.19
90.0	137.51	135.33	133.97	132.60	130.83	128.92	126.74	125.51	123.87
112.5	140.79	138.74	137.10	136.15	134.38	132.60	130.83	128.37	127.42
135.0	137.10	135.33	133.97	132.60	130.56	128.78	126.60	125.51	123.19
157.5	139.29	137.24	135.60	134.51	132.60	130.83	128.65	127.28	126.05
180.0	142.42	139.56	138.88	137.79	136.42	134.79	132.88	130.56	129.33
202.5	136.97	135.74	133.56	132.19	130.97	128.65	126.46	124.83	123.60
225.0	136.70	135.33	133.69	131.92	130.01	128.24	126.46	124.69	123.05
247.5	132.74	130.97	128.92	127.28	125.37	123.74	121.42	120.19	118.55
270.0	134.38	132.33	130.97	128.78	127.15	126.19	123.33	121.55	120.46
292.5	131.24	129.46	127.83	125.78	124.42	122.64	120.19	119.64	117.32
315.0	135.47	133.97	132.33	130.28	128.65	126.19	124.55	122.92	122.10
337.5	134.24	133.01	131.24	129.74	128.65	126.19	124.42	123.33	121.69
360.0	138.33	137.10	135.47	133.56	132.06	130.28	128.37	127.28	125.24
C/ γ (°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	123.74	121.83	119.64	118.14	116.23	114.32	112.00	109.55	107.36
22.5	124.42	122.51	120.60	118.96	117.87	115.55	113.37	111.46	108.46
45.0	121.28	119.37	117.05	115.41	112.68	110.64	109.55	106.96	104.91
67.5	123.74	121.96	120.19	118.14	117.05	114.59	112.68	110.23	108.05
90.0	121.69	120.19	117.60	116.50	113.64	112.00	110.23	108.46	106.41
112.5	125.10	122.78	121.14	119.10	117.60	115.55	112.68	111.32	108.73
135.0	121.55	119.51	117.05	115.82	113.64	111.59	108.73	106.41	104.23
157.5	123.74	121.83	119.92	117.87	116.50	114.32	112.28	109.96	107.36
180.0	127.15	125.24	123.19	121.14	120.19	117.73	115.69	113.50	110.91
202.5	121.42	119.64	117.46	116.23	113.50	112.28	109.96	107.50	105.32
225.0	121.28	119.51	117.60	115.41	114.32	112.00	109.27	107.77	105.73
247.5	116.64	114.46	112.14	111.18	109.00	105.86	104.77	102.45	100.41
270.0	118.14	116.37	114.32	112.41	111.05	108.73	106.68	104.50	102.32
292.5	115.41	113.50	111.32	109.96	107.91	106.00	103.95	101.36	99.18
315.0	119.92	118.01	116.10	114.19	112.96	110.64	108.32	106.55	103.95
337.5	120.05	118.14	115.82	114.46	112.55	110.91	109.00	106.68	104.64
360.0	123.74	121.83	119.64	118.14	116.23	114.32	112.00	109.55	107.36

Intensity data(cd)

Appendix Page: 17 Total:21

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	105.32	102.73	101.36	99.04	96.59	93.31	88.81	86.49	82.94
22.5	107.91	105.59	102.59	101.23	98.63	96.45	94.00	90.86	88.67
45.0	102.73	100.00	98.77	96.72	94.00	91.54	87.58	85.13	81.85
67.5	107.23	104.64	101.63	100.27	97.81	95.09	92.77	88.95	86.76
90.0	104.09	101.50	99.72	97.27	94.00	90.31	85.81	84.04	79.94
112.5	106.55	104.36	102.18	100.54	96.72	93.18	89.77	86.36	84.58
135.0	101.91	97.95	95.90	92.22	89.08	85.81	82.67	81.03	77.62
157.5	105.18	103.82	100.82	99.32	95.77	92.36	88.54	85.26	83.35
180.0	108.73	106.68	104.23	103.14	100.27	97.81	94.54	90.99	88.40
202.5	103.14	100.41	99.32	97.13	94.40	90.99	86.76	84.58	81.31
225.0	104.09	101.50	99.32	98.09	95.22	92.77	89.90	86.63	84.45
247.5	97.95	96.04	94.81	92.36	89.63	86.63	83.08	81.17	78.03
270.0	101.50	99.04	95.90	94.81	92.22	89.49	86.49	83.49	81.58
292.5	97.41	94.95	93.59	91.13	88.27	85.13	81.58	79.67	76.94
315.0	103.27	100.82	97.81	96.45	93.86	91.95	88.81	85.26	83.35
337.5	102.59	99.72	97.81	95.90	93.18	90.18	85.81	83.76	80.35
360.0	105.32	102.73	101.36	99.04	96.59	93.31	88.81	86.49	82.94
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	79.81	76.81	73.40	71.08	68.48	57.43	47.88	35.88	27.69
22.5	84.31	80.76	77.62	74.62	73.12	69.03	66.57	46.79	35.20
45.0	78.44	75.03	72.30	69.71	66.44	57.57	52.11	40.79	30.97
67.5	82.54	79.40	76.40	73.67	70.67	68.35	64.12	40.79	43.11
90.0	76.81	75.44	73.12	69.17	58.53	43.66	37.52	28.79	21.42
112.5	80.90	77.76	76.26	72.44	62.75	50.61	40.11	34.51	17.73
135.0	73.80	69.71	57.71	46.79	37.38	27.83	23.46	16.37	8.73
157.5	79.94	77.62	75.17	72.30	61.66	48.57	38.47	33.29	24.56
180.0	84.31	80.08	78.58	75.58	73.12	69.17	56.34	47.75	34.79
202.5	76.53	75.17	72.58	70.12	66.44	51.43	43.52	33.70	26.19
225.0	80.63	77.35	74.76	71.76	69.44	67.80	62.21	39.43	39.43
247.5	75.17	71.76	69.71	67.26	64.39	53.61	45.97	35.33	26.88
270.0	78.03	75.03	72.71	70.26	67.53	65.21	60.71	38.61	38.61
292.5	74.35	71.21	68.89	67.53	65.07	50.34	43.11	33.01	25.24
315.0	79.40	76.53	73.94	71.35	68.62	66.30	60.71	52.39	38.47
337.5	77.49	75.03	71.89	70.53	66.85	56.89	47.61	36.70	28.51
360.0	79.81	76.81	73.40	71.08	68.48	57.43	47.88	35.88	27.69
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	20.87	13.78	10.37	3.68	0.27	0.14	0.14	0.14	0.14
22.5	26.88	20.33	13.78	9.69	9.69	3.14	0.27	0.14	0.14
45.0	22.92	14.73	10.50	2.32	0.27	0.14	0.14	0.14	0.14
67.5	22.92	14.73	10.50	2.32	5.46	0.68	0.14	0.14	0.14
90.0	14.19	5.46	2.18	0.14	0.14	0.14	0.14	0.14	0.14
112.5	10.23	10.23	3.41	1.09	0.14	0.14	0.14	0.14	0.14
135.0	2.32	0.27	0.27	0.14	0.14	0.14	0.14	0.14	0.14
157.5	20.46	10.91	4.09	1.36	0.14	0.14	0.14	0.14	0.14
180.0	27.15	14.32	10.91	10.91	3.14	0.14	0.14	0.14	0.14
202.5	19.64	12.28	8.46	0.95	0.27	0.14	0.14	0.14	0.14
225.0	23.33	16.78	11.73	12.82	5.18	0.82	0.14	0.14	0.14
247.5	20.05	11.73	7.78	0.82	0.27	0.14	0.14	0.14	0.14
270.0	29.47	15.69	10.50	11.46	3.82	0.41	0.14	0.14	0.14
292.5	18.55	10.50	6.55	1.36	0.27	0.14	0.14	0.14	0.14
315.0	29.88	16.51	10.91	12.55	4.64	0.68	0.27	0.27	0.14
337.5	21.83	14.60	10.91	4.50	0.41	0.14	0.14	0.14	0.14
360.0	20.87	13.78	10.37	3.68	0.27	0.14	0.14	0.14	0.14

Intensity data(cd)

Appendix Page: 18 Total:21

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.00	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.00
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.14	0.14	0.00	0.00	0.00	0.14	0.14	0.00
202.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14
292.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.00	0.00	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.00	0.14	0.14	0.14	0.00	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.00	0.14	0.14	0.14	0.14	0.00	0.14	0.14
202.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.00	0.14	0.14	0.00	0.14	0.14	0.14	0.00	0.14
292.5	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14
315.0	0.14	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
22.5	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
112.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.27	0.14	0.27	0.14	0.27	0.27
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
202.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
247.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
270.0	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.27	0.14
292.5	0.14	0.14	0.14	0.14	0.27	0.14	0.27	0.27	0.27
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
360.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27

Intensity data(cd)

Appendix Page: 19 Total:21

C/ $\gamma(^{\circ})$	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
22.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
67.5	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
90.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
112.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.27
157.5	0.14	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27
180.0	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
202.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.27
225.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
247.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41
270.0	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27
292.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
315.0	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
337.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
360.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
C/ $\gamma(^{\circ})$	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
22.5	0.27	0.27	0.27	0.41	0.41	0.41	0.27	0.41	0.41
45.0	0.41	0.27	0.41	0.41	0.41	0.41	0.41	0.41	0.41
67.5	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
90.0	0.41	0.41	0.27	0.41	0.41	0.41	0.41	0.41	0.41
112.5	0.27	0.27	0.27	0.27	0.27	0.41	0.27	0.41	0.41
135.0	0.41	0.27	0.41	0.41	0.41	0.41	0.41	0.41	0.41
157.5	0.27	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
180.0	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41	0.41
202.5	0.41	0.41	0.41	0.41	0.27	0.41	0.41	0.41	0.41
225.0	0.27	0.41	0.41	0.41	0.27	0.41	0.41	0.41	0.41
247.5	0.27	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55
270.0	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41	0.41
292.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
315.0	0.27	0.41	0.27	0.27	0.41	0.41	0.41	0.41	0.41
337.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
360.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
C/ $\gamma(^{\circ})$	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55
22.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55
45.0	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55
67.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55
90.0	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55
112.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.55
135.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.55
157.5	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.41
180.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
202.5	0.41	0.41	0.41	0.41	0.41	0.55	0.41	0.55	0.55
225.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.41
247.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.55
270.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55
292.5	0.41	0.41	0.41	0.41	0.55	0.41	0.55	0.55	0.55
315.0	0.41	0.41	0.41	0.55	0.41	0.41	0.55	0.55	0.55
337.5	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.41	0.55
360.0	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55

Intensity data(cd)

Appendix Page: 20 Total:21

C/ $\gamma(^{\circ})$	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68
22.5	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
45.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.68
67.5	0.55	0.55	0.41	0.55	0.55	0.55	0.55	0.55	0.55
90.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
112.5	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
135.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
157.5	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
180.0	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
202.5	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
225.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
247.5	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68	0.68
270.0	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
292.5	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.55	0.55
315.0	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
337.5	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.68
360.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68
C/ $\gamma(^{\circ})$	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.68	0.68	0.68	0.55	0.68	0.68	0.68	0.68	0.68
22.5	0.55	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.68
45.0	0.68	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68
67.5	0.55	0.55	0.55	0.68	0.55	0.55	0.68	0.55	0.68
90.0	0.55	0.55	0.55	0.55	0.68	0.68	0.55	0.68	0.68
112.5	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68
135.0	0.55	0.68	0.55	0.68	0.68	0.55	0.68	0.68	0.68
157.5	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.55	0.68
180.0	0.55	0.55	0.55	0.55	0.68	0.55	0.55	0.55	0.68
202.5	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68
225.0	0.55	0.55	0.55	0.68	0.55	0.55	0.68	0.55	0.68
247.5	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68
270.0	0.55	0.55	0.68	0.55	0.68	0.55	0.68	0.68	0.55
292.5	0.68	0.68	0.68	0.68	0.55	0.68	0.68	0.68	0.68
315.0	0.55	0.55	0.55	0.68	0.68	0.55	0.68	0.68	0.68
337.5	0.68	0.68	0.68	0.68	0.68	0.68	0.55	0.68	0.68
360.0	0.68	0.68	0.68	0.55	0.68	0.68	0.68	0.68	0.68
C/ $\gamma(^{\circ})$	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
22.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
45.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
67.5	0.68	0.55	0.68	0.55	0.68	0.68	0.68	0.68	0.68
90.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
112.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
135.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
157.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
180.0	0.68	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68
202.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
225.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
247.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
270.0	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
292.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
315.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
337.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
360.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68

Intensity data(cd)									Appendix Page: 21 Total:21		
C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0		
0.0	0.68	0.68	0.82	0.68	0.68	0.68	0.68	0.68	0.82		
22.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
45.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.68		
67.5	0.68	0.68	0.82	0.68	0.68	0.68	0.68	0.68	0.68		
90.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
112.5	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.82		
135.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
157.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
180.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
202.5	0.68	0.82	0.82	0.68	0.68	0.68	0.68	0.68	0.82		
225.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
247.5	0.68	0.82	0.68	0.68	0.68	0.68	0.68	0.68	0.82		
270.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82		
292.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82		
315.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68		
337.5	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.68	0.82		
360.0	0.68	0.68	0.82	0.68	0.68	0.68	0.68	0.68	0.82		
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0		
0.0	0.82	0.82	0.82	0.82	0.82	0.68	0.82	0.82	0.82		
22.5	0.82	0.68	0.68	0.68	0.68	0.82	0.82	0.68	0.68		
45.0	0.68	0.68	0.82	0.82	0.68	0.82	0.68	0.82	0.82		
67.5	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.68	0.82		
90.0	0.68	0.82	0.82	0.82	0.82	0.68	0.82	0.82	0.82		
112.5	0.68	0.68	0.68	0.68	0.82	0.82	0.68	0.82	0.68		
135.0	0.68	0.68	0.68	0.68	0.82	0.82	0.68	0.68	0.82		
157.5	0.68	0.68	0.82	0.82	0.68	0.82	0.68	0.68	0.68		
180.0	0.82	0.68	0.82	0.68	0.82	0.82	0.82	0.82	0.82		
202.5	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.68		
225.0	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.82		
247.5	0.68	0.82	0.68	0.68	0.82	0.82	0.82	0.82	0.82		
270.0	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.68		
292.5	0.68	0.68	0.68	0.82	0.82	0.68	0.82	0.68	0.68		
315.0	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.68	0.82		
337.5	0.68	0.82	0.82	0.68	0.82	0.68	0.82	0.82	0.82		
360.0	0.82	0.82	0.82	0.82	0.82	0.68	0.82	0.82	0.82		
C/ γ (°)	180.0										
0.0	0.00										
22.5	0.00										
45.0	0.00										
67.5	0.00										
90.0	0.00										
112.5	0.00										
135.0	0.00										
157.5	0.00										
180.0	0.00										
202.5	0.00										
225.0	0.00										
247.5	0.00										
270.0	0.00										
292.5	0.00										
315.0	0.00										
337.5	0.00										
360.0	0.00										