



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: B7911-TBK/SBK

Luminaire: Wall Sconce

Report No:

Ballast type:

Test No: BT25120402-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.152

Lamp flux(lm)

Power (W): 13.360

Number of Lamps: 1

PF: 0.731

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 970.83, Luminous Efficacy(lm/W): 72.67

Central intensity(cd): 352.29, Maximum intensity(cd): 355.48

Angle of maximum intensity: C=180.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=124.5

[C90/270]Total=124.5

Field angle(10%Imax): [C0/180]Total=160.2

[C90/270]Total=159.7

IES Classification : TypeVS

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 1.46235

Max Cd(80 to 90°Vert) : 63.4128

Street Side UpWard Lumens: 0.14%of Luminaire

Street Side DownWard Lumens: 48.73%of Luminaire

House Side UpWard Lumens: 0.13%of Luminaire

House Side DownWard Lumens: 51.00%of Luminaire

SLI: --- (C Flash Area: 0.000)

Throw: 96.7 (long), Spread: 7.5 (narrow), Control: --- (limited)

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	341.857	0.000	0.000	0.000%	0.000%
1.0	341.816	0.327	0.327	0.034%	0.034%
2.0	340.902	0.980	1.307	0.101%	0.135%
3.0	339.548	1.627	2.934	0.168%	0.302%
4.0	337.903	2.268	5.202	0.234%	0.536%
5.0	335.651	2.898	8.100	0.298%	0.834%
6.0	332.967	3.514	11.613	0.362%	1.196%
7.0	328.514	4.106	15.719	0.423%	1.619%
8.0	323.312	4.665	20.384	0.481%	2.100%
9.0	317.496	5.193	25.578	0.535%	2.635%
10.0	310.351	5.682	31.259	0.585%	3.220%
11.0	302.241	6.121	37.380	0.630%	3.850%
12.0	293.750	6.515	43.895	0.671%	4.521%
13.0	286.097	6.881	50.777	0.709%	5.230%
14.0	278.536	7.227	58.004	0.744%	5.975%
15.0	271.133	7.546	65.550	0.777%	6.752%
16.0	264.586	7.850	73.400	0.809%	7.561%
17.0	259.334	8.159	81.559	0.840%	8.401%
18.0	255.346	8.486	90.045	0.874%	9.275%
19.0	251.807	8.823	98.868	0.909%	10.184%
20.0	249.356	9.173	108.041	0.945%	11.129%
21.0	247.835	9.547	117.588	0.983%	12.112%
22.0	246.472	9.933	127.521	1.023%	13.135%
23.0	245.226	10.317	137.838	1.063%	14.198%
24.0	243.938	10.695	148.533	1.102%	15.300%
25.0	242.601	11.063	159.596	1.140%	16.439%
26.0	241.479	11.427	171.023	1.177%	17.616%
27.0	240.316	11.787	182.810	1.214%	18.830%
28.0	239.003	12.135	194.945	1.250%	20.080%
29.0	237.798	12.474	207.420	1.285%	21.365%
30.0	236.593	12.808	220.228	1.319%	22.685%
31.0	235.314	13.132	233.361	1.353%	24.037%
32.0	234.192	13.451	246.812	1.385%	25.423%
33.0	232.796	13.758	260.569	1.417%	26.840%
34.0	231.458	14.050	274.619	1.447%	28.287%
35.0	230.146	14.336	288.955	1.477%	29.764%
36.0	228.791	14.613	303.567	1.505%	31.269%
37.0	227.163	14.871	318.438	1.532%	32.801%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	225.501	15.109	333.547	1.556%	34.357%
39.0	223.956	15.341	348.888	1.580%	35.937%
40.0	222.335	15.565	364.453	1.603%	37.540%
41.0	220.408	15.766	380.219	1.624%	39.164%
42.0	218.438	15.944	396.163	1.642%	40.807%
43.0	216.361	16.106	412.270	1.659%	42.466%
44.0	214.243	16.252	428.522	1.674%	44.140%
45.0	212.473	16.399	444.921	1.689%	45.829%
46.0	209.864	16.517	461.438	1.701%	47.530%
47.0	207.762	16.610	478.048	1.711%	49.241%
48.0	205.626	16.711	494.759	1.721%	50.962%
49.0	203.424	16.798	511.557	1.730%	52.693%
50.0	201.098	16.866	528.423	1.737%	54.430%
51.0	198.672	16.914	545.336	1.742%	56.172%
52.0	196.362	16.951	562.288	1.746%	57.918%
53.0	194.060	16.983	579.271	1.749%	59.668%
54.0	191.435	16.991	596.262	1.750%	61.418%
55.0	188.975	16.981	613.243	1.749%	63.167%
56.0	186.441	16.964	630.207	1.747%	64.914%
57.0	183.982	16.937	647.144	1.745%	66.659%
58.0	181.680	16.910	664.053	1.742%	68.400%
59.0	178.722	16.849	680.902	1.736%	70.136%
60.0	176.280	16.772	697.674	1.728%	71.864%
61.0	173.712	16.702	714.376	1.720%	73.584%
62.0	170.879	16.604	730.980	1.710%	75.294%
63.0	167.938	16.478	747.459	1.697%	76.992%
64.0	164.705	16.323	763.781	1.681%	78.673%
65.0	161.839	16.160	779.942	1.665%	80.338%
66.0	158.831	15.999	795.941	1.648%	81.986%
67.0	155.316	15.796	811.737	1.627%	83.613%
68.0	151.835	15.559	827.297	1.603%	85.215%
69.0	148.271	15.310	842.607	1.577%	86.792%
70.0	143.684	14.994	857.601	1.544%	88.337%
71.0	138.433	14.581	872.182	1.502%	89.839%
72.0	129.767	13.946	886.128	1.436%	91.275%
73.0	120.345	13.079	899.207	1.347%	92.622%
74.0	109.660	12.092	911.299	1.246%	93.868%
75.0	97.454	10.943	922.242	1.127%	94.995%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	84.633	9.666	931.908	0.996%	95.991%
77.0	71.364	8.317	940.225	0.857%	96.847%
78.0	58.577	6.956	947.181	0.716%	97.564%
79.0	49.471	5.805	952.986	0.598%	98.162%
80.0	38.154	4.724	957.710	0.487%	98.649%
81.0	25.674	3.452	961.162	0.356%	99.004%
82.0	17.590	2.346	963.508	0.242%	99.246%
83.0	11.283	1.570	965.078	0.162%	99.407%
84.0	7.769	1.038	966.116	0.107%	99.514%
85.0	5.567	0.728	966.843	0.075%	99.589%
86.0	4.287	0.539	967.382	0.055%	99.645%
87.0	2.900	0.393	967.775	0.041%	99.685%
88.0	1.820	0.259	968.034	0.027%	99.712%
89.0	0.922	0.150	968.184	0.015%	99.727%
90.0	0.316	0.068	968.252	0.007%	99.734%
91.0	0.174	0.027	968.279	0.003%	99.737%
92.0	0.033	0.011	968.290	0.001%	99.738%
93.0	0.050	0.005	968.295	0.000%	99.739%
94.0	0.075	0.007	968.302	0.001%	99.739%
95.0	0.075	0.008	968.310	0.001%	99.740%
96.0	0.083	0.009	968.319	0.001%	99.741%
97.0	0.116	0.011	968.329	0.001%	99.742%
98.0	0.133	0.014	968.343	0.001%	99.744%
99.0	0.125	0.014	968.357	0.001%	99.745%
100.0	0.116	0.013	968.370	0.001%	99.747%
101.0	0.133	0.013	968.383	0.001%	99.748%
102.0	0.133	0.014	968.398	0.001%	99.749%
103.0	0.133	0.014	968.412	0.001%	99.751%
104.0	0.133	0.014	968.426	0.001%	99.752%
105.0	0.133	0.014	968.440	0.001%	99.754%
106.0	0.141	0.014	968.455	0.001%	99.755%
107.0	0.174	0.017	968.471	0.002%	99.757%
108.0	0.166	0.018	968.489	0.002%	99.759%
109.0	0.208	0.019	968.509	0.002%	99.761%
110.0	0.199	0.021	968.530	0.002%	99.763%
111.0	0.233	0.022	968.552	0.002%	99.765%
112.0	0.241	0.024	968.576	0.002%	99.768%
113.0	0.249	0.025	968.601	0.003%	99.770%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.258	0.025	968.626	0.003%	99.773%
115.0	0.274	0.027	968.653	0.003%	99.776%
116.0	0.291	0.028	968.681	0.003%	99.779%
117.0	0.316	0.030	968.711	0.003%	99.782%
118.0	0.332	0.032	968.742	0.003%	99.785%
119.0	0.324	0.032	968.774	0.003%	99.788%
120.0	0.349	0.032	968.806	0.003%	99.791%
121.0	0.382	0.035	968.840	0.004%	99.795%
122.0	0.382	0.036	968.876	0.004%	99.799%
123.0	0.407	0.037	968.913	0.004%	99.802%
124.0	0.440	0.039	968.951	0.004%	99.806%
125.0	0.449	0.040	968.992	0.004%	99.811%
126.0	0.465	0.041	969.032	0.004%	99.815%
127.0	0.457	0.041	969.073	0.004%	99.819%
128.0	0.474	0.040	969.113	0.004%	99.823%
129.0	0.457	0.040	969.153	0.004%	99.827%
130.0	0.507	0.041	969.194	0.004%	99.831%
131.0	0.548	0.044	969.238	0.005%	99.836%
132.0	0.540	0.045	969.283	0.005%	99.841%
133.0	0.565	0.045	969.328	0.005%	99.845%
134.0	0.573	0.045	969.373	0.005%	99.850%
135.0	0.590	0.045	969.418	0.005%	99.854%
136.0	0.615	0.046	969.465	0.005%	99.859%
137.0	0.607	0.046	969.511	0.005%	99.864%
138.0	0.631	0.046	969.557	0.005%	99.869%
139.0	0.648	0.046	969.603	0.005%	99.874%
140.0	0.631	0.046	969.649	0.005%	99.878%
141.0	0.656	0.045	969.694	0.005%	99.883%
142.0	0.681	0.046	969.739	0.005%	99.888%
143.0	0.698	0.046	969.785	0.005%	99.892%
144.0	0.715	0.046	969.831	0.005%	99.897%
145.0	0.706	0.045	969.877	0.005%	99.902%
146.0	0.706	0.044	969.920	0.005%	99.906%
147.0	0.739	0.044	969.964	0.005%	99.911%
148.0	0.764	0.044	970.008	0.005%	99.915%
149.0	0.748	0.043	970.052	0.004%	99.920%
150.0	0.764	0.042	970.094	0.004%	99.924%
151.0	0.789	0.042	970.136	0.004%	99.928%

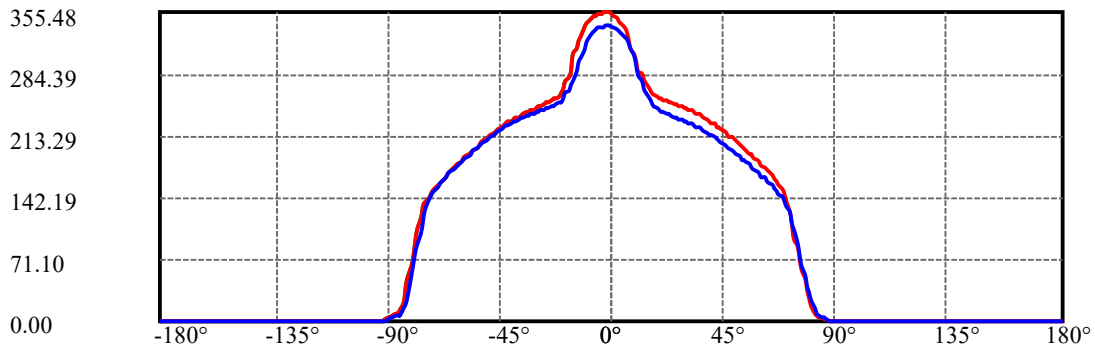
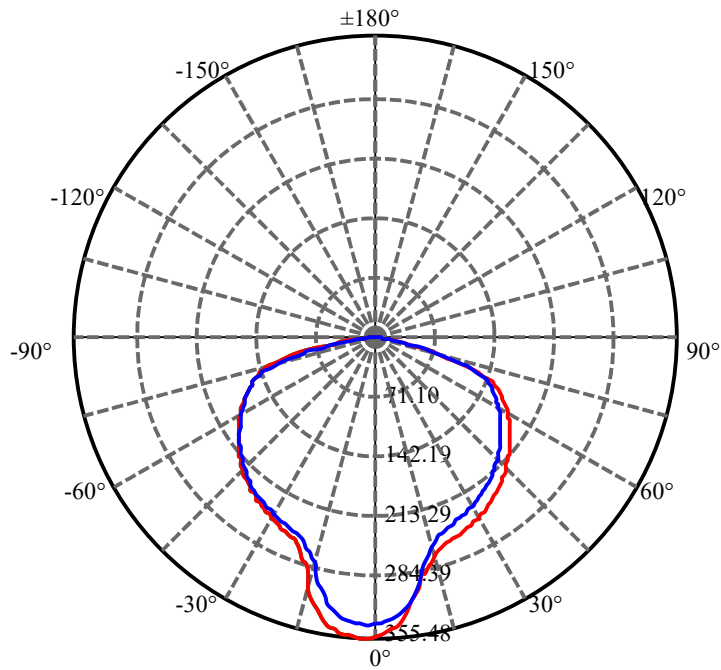
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.806	0.042	970.178	0.004%	99.933%
153.0	0.806	0.041	970.218	0.004%	99.937%
154.0	0.831	0.040	970.258	0.004%	99.941%
155.0	0.847	0.040	970.298	0.004%	99.945%
156.0	0.839	0.038	970.336	0.004%	99.949%
157.0	0.839	0.037	970.373	0.004%	99.953%
158.0	0.864	0.036	970.409	0.004%	99.957%
159.0	0.856	0.035	970.443	0.004%	99.960%
160.0	0.931	0.034	970.478	0.004%	99.964%
161.0	0.897	0.033	970.511	0.003%	99.967%
162.0	0.906	0.031	970.542	0.003%	99.970%
163.0	0.931	0.030	970.573	0.003%	99.973%
164.0	0.922	0.029	970.602	0.003%	99.976%
165.0	0.939	0.027	970.629	0.003%	99.979%
166.0	0.914	0.025	970.654	0.003%	99.982%
167.0	0.922	0.024	970.678	0.002%	99.984%
168.0	0.939	0.022	970.700	0.002%	99.986%
169.0	0.931	0.020	970.720	0.002%	99.989%
170.0	0.939	0.019	970.739	0.002%	99.991%
171.0	0.947	0.017	970.756	0.002%	99.992%
172.0	0.947	0.015	970.771	0.002%	99.994%
173.0	0.956	0.014	970.785	0.001%	99.995%
174.0	0.964	0.012	970.797	0.001%	99.996%
175.0	0.997	0.010	970.807	0.001%	99.998%
176.0	0.989	0.009	970.816	0.001%	99.998%
177.0	0.989	0.007	970.822	0.001%	99.999%
178.0	1.014	0.005	970.827	0.000%	100.000%
179.0	0.972	0.003	970.830	0.000%	100.000%
180.0	0.980	0.001	970.831	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	220.23	22.68%
0-40	364.45	37.54%
0-60	697.67	71.86%
0-90	968.25	99.73%
0-120	968.81	99.79%
0-180	970.83	100.00%
60-90	270.58	27.87%
90-120	0.55	0.06%
90-130	0.94	0.10%
90-150	1.84	0.19%
90-180	2.58	0.27%
0-64.80	776.66	80.00%

ZONAL LUMEN SUMMARY

0-10	31.26
10-20	76.78
20-30	112.19
30-40	144.23
40-50	163.97
50-60	169.25
60-70	159.93
70-80	100.11
80-90	10.54
90-100	0.12
100-110	0.16
110-120	0.28
120-130	0.39
130-140	0.45
140-150	0.45
150-160	0.38
160-170	0.26
170-180	0.09

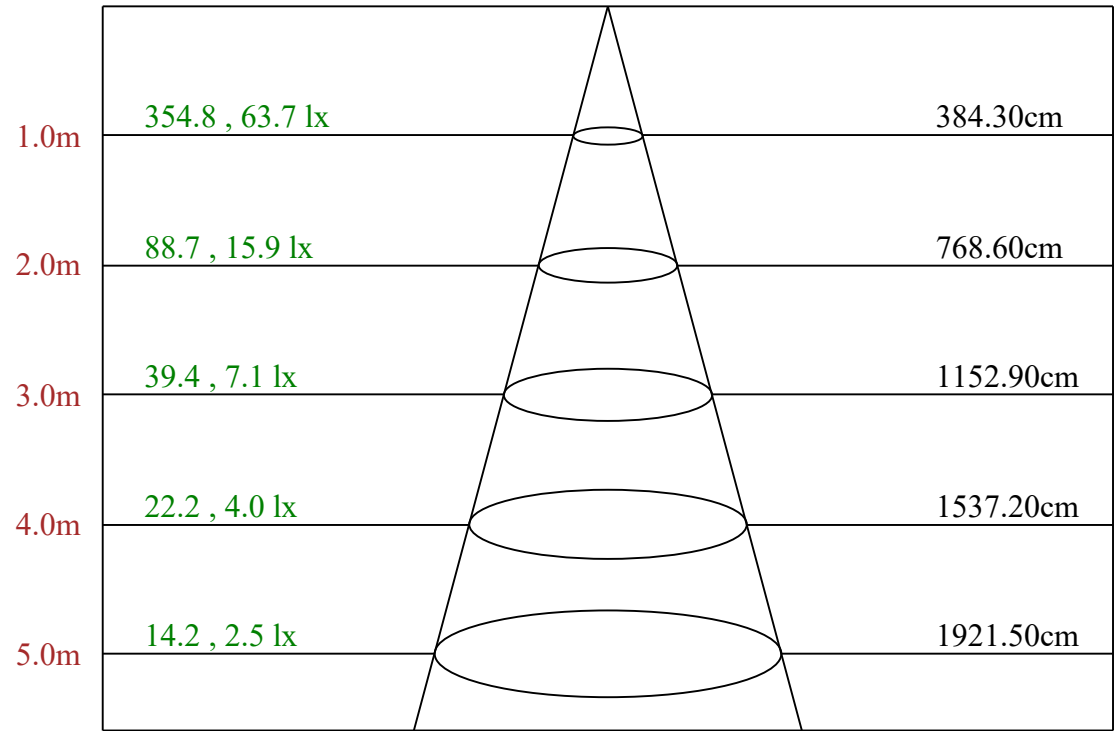
C180(Max): ———C0/C180: ———C90/C270: ———

Field angle(10%Imax):C0/180Left:82.3 Right:78.0

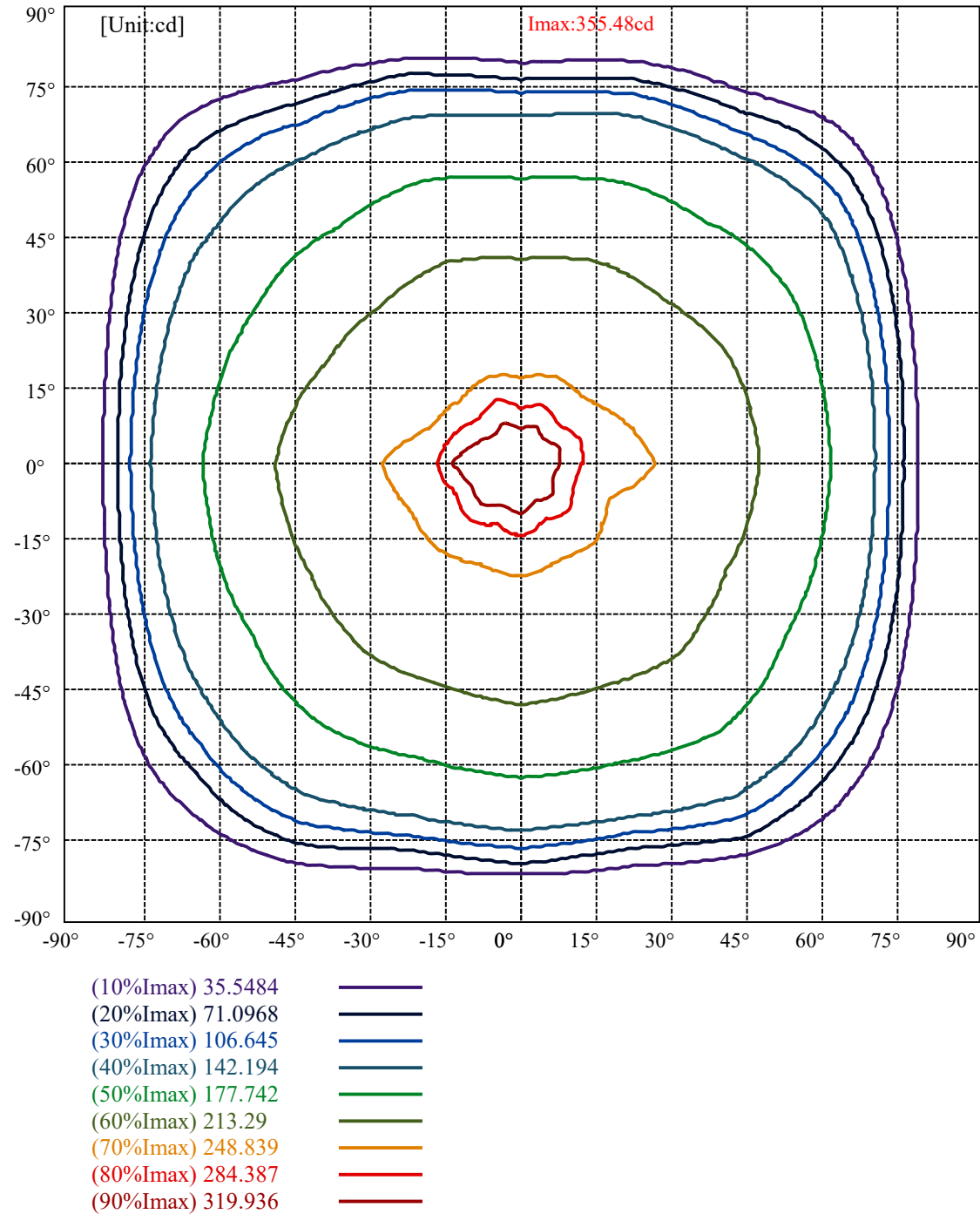
:C90/270Left:80.8 Right:78.9

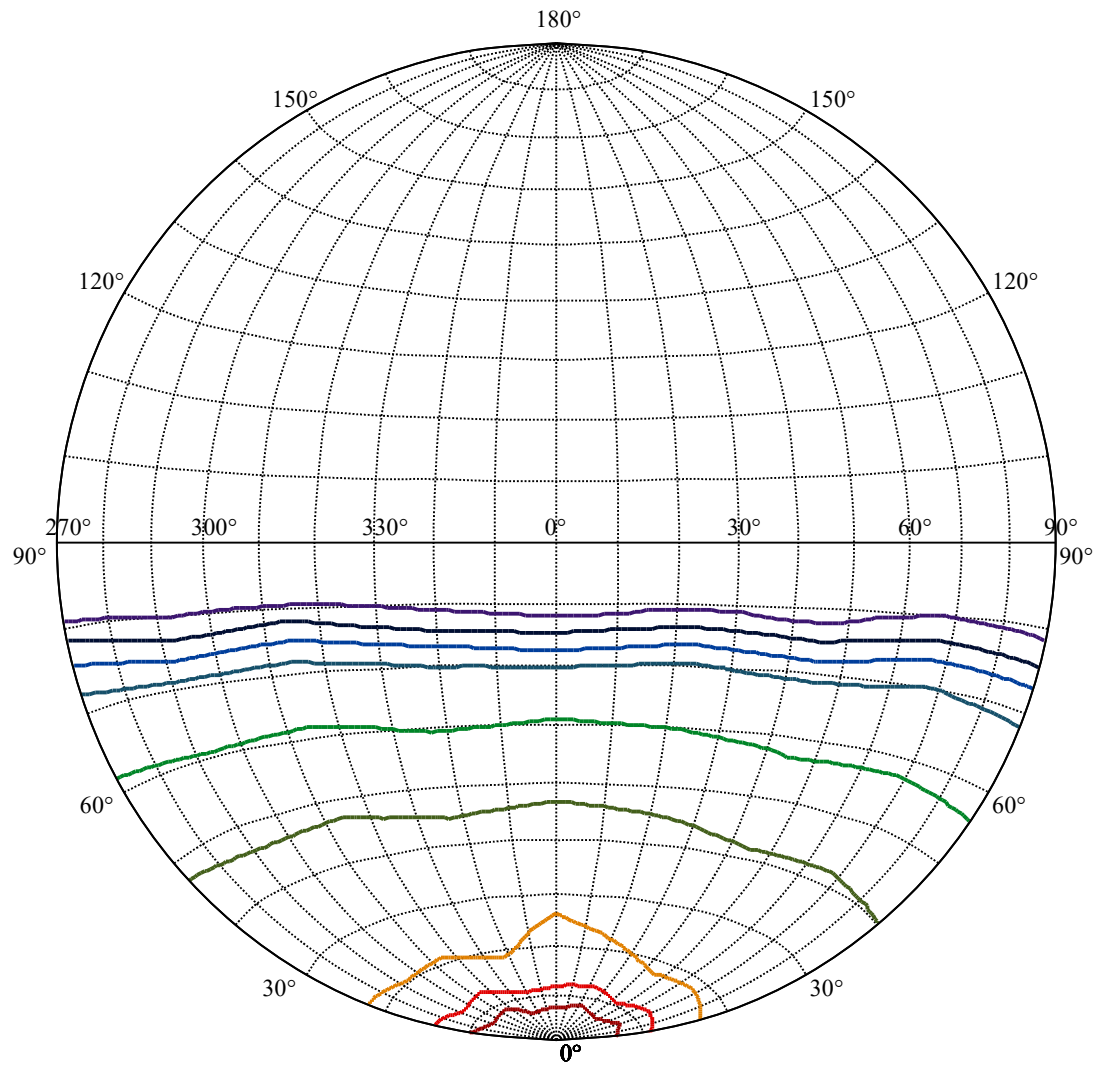
Beam Angle(50%Imax):C0/180Left:63.0 Right:61.5

:C90/270Left:65.1 Right:59.4



Max , Ave Beam angle of C180 plane 125.01



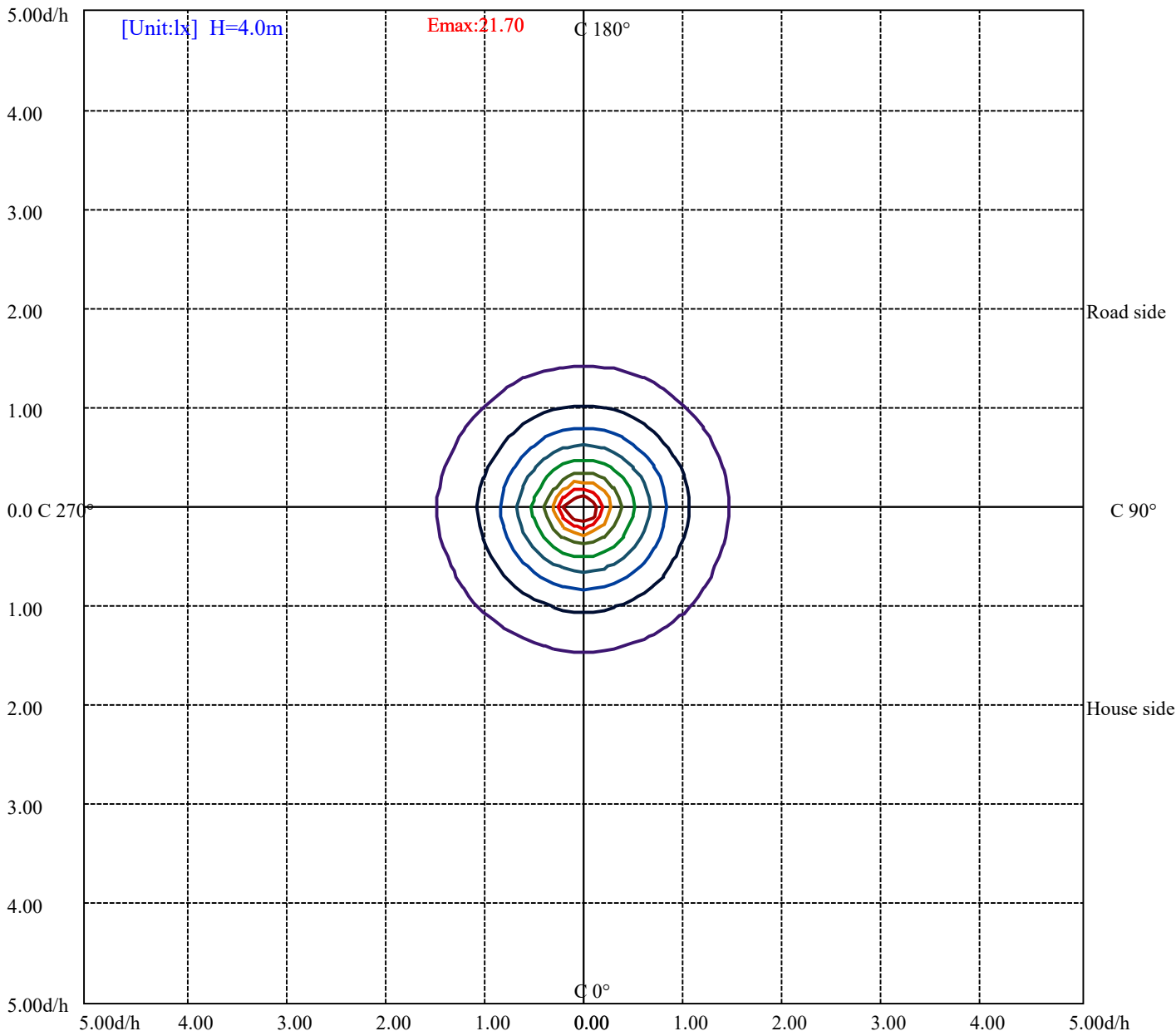


House

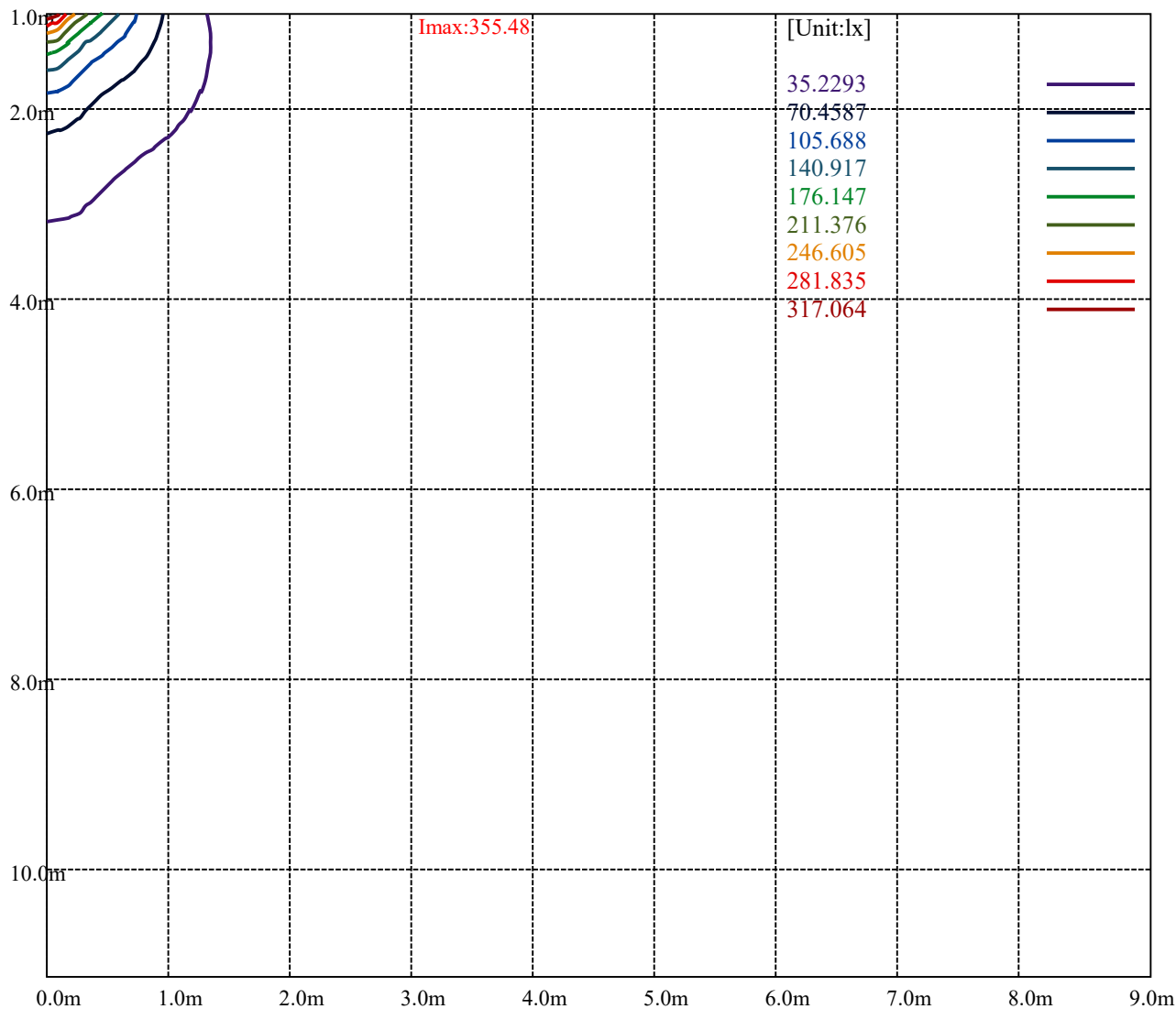
[Unit:cd]

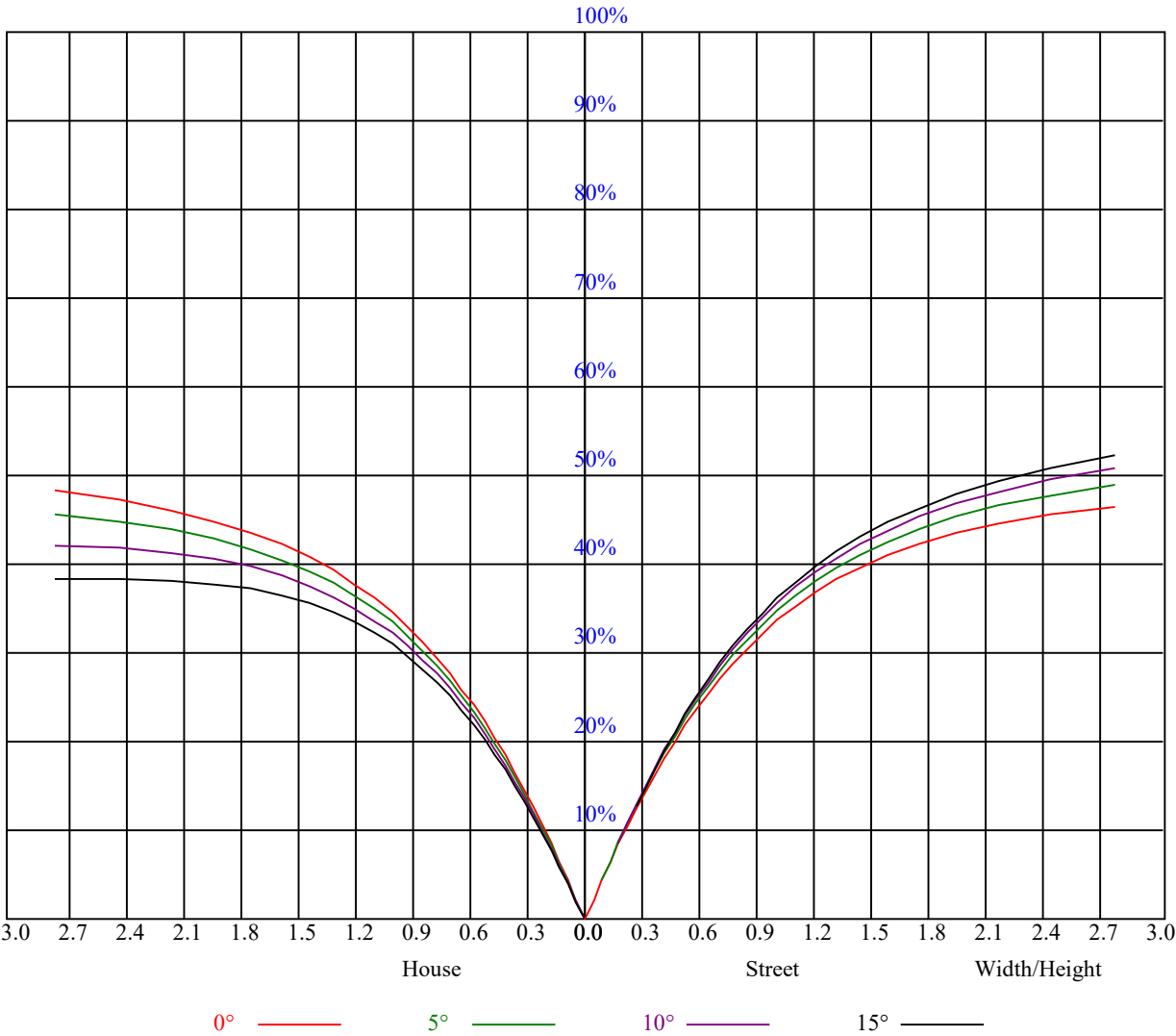
Road

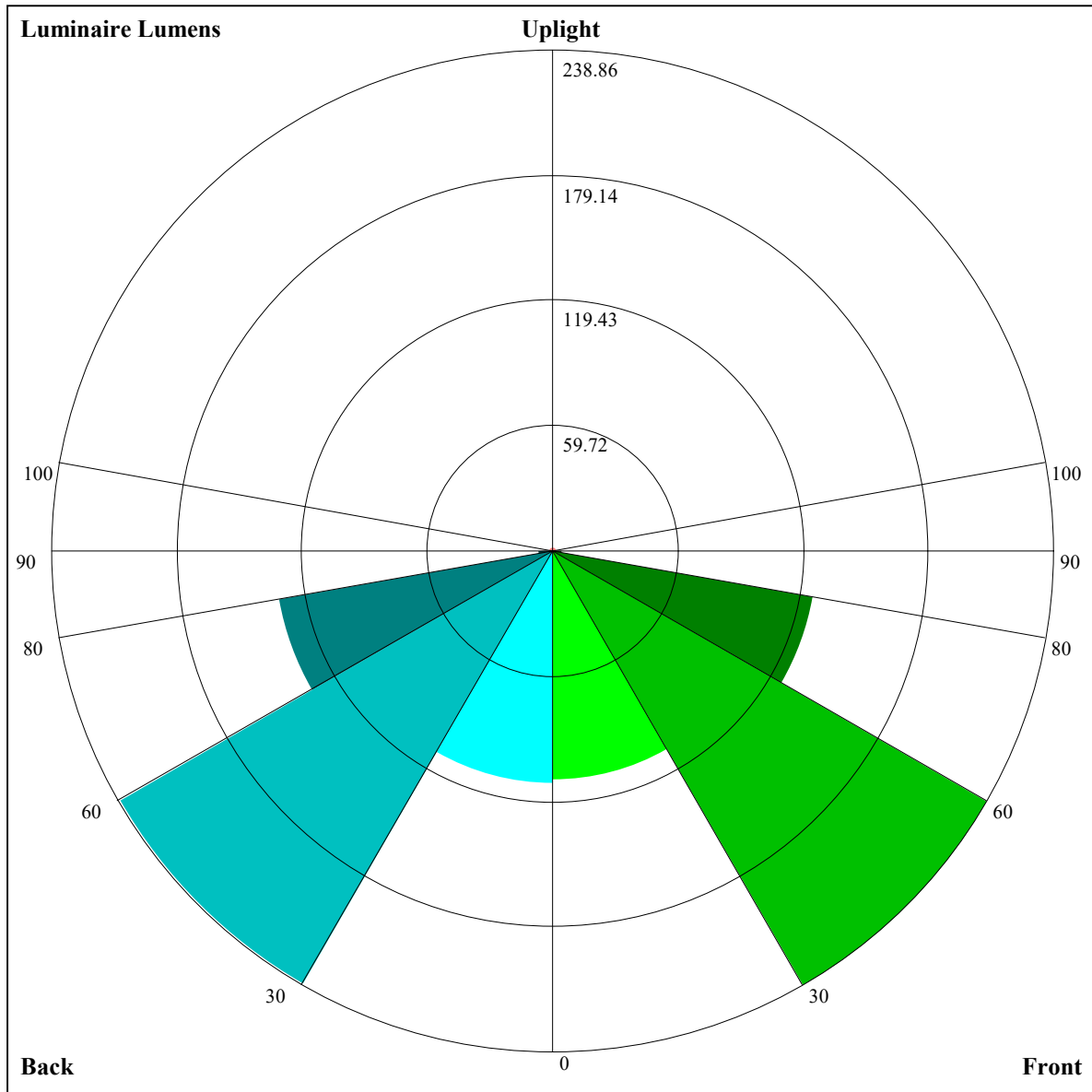
Imax:355.48	
(10%Imax) 35.5484	
(20%Imax) 71.0968	
(30%Imax) 106.645	
(40%Imax) 142.194	
(50%Imax) 177.742	
(60%Imax) 213.29	
(70%Imax) 248.839	
(80%Imax) 284.387	
(90%Imax) 319.936	



(10%Emax) 2.169925	—
(20%Emax) 4.33985	—
(30%Emax) 6.50975	—
(40%Emax) 8.679688	—
(50%Emax) 10.84962	—
(60%Emax) 13.01956	—
(70%Emax) 15.1895	—
(80%Emax) 17.35938	—
(90%Emax) 19.52931	—







Luminaire Lumens:

FL=109.16,FM=238.86,FH=126.29,FVH=4.27

BL=110.8,BM=238.2,BH=132.98,BVH=6.78

UL=0,UH=2.45

BUG Rating:B1-U1-G0

B7911-TBK/SBK

Intensity data(cd)

Appendix Page: 16 Total:22

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	352.29	350.57	348.44	345.38	343.12	338.33	332.62	324.64	313.34
22.5	347.51	345.91	344.05	341.92	339.66	338.20	333.55	328.36	321.85
45.0	340.73	339.53	337.54	335.01	331.82	326.64	323.45	317.33	303.37
67.5	341.13	340.46	338.87	337.01	334.48	331.95	328.36	323.84	320.65
90.0	338.33	337.54	335.81	333.95	331.42	327.03	324.38	319.32	313.08
112.5	338.60	339.00	337.80	337.01	335.81	334.75	330.62	327.17	324.38
135.0	338.60	338.07	337.01	336.07	334.35	330.76	328.90	324.64	316.40
157.5	337.67	338.87	338.87	337.94	337.14	336.74	334.88	331.02	328.90
180.0	352.29	354.55	355.48	355.22	354.15	353.36	352.03	350.57	348.31
202.5	347.51	347.77	347.37	345.91	344.98	343.65	341.92	339.00	334.21
225.0	340.73	342.59	343.39	343.12	342.19	341.92	340.33	337.67	336.07
247.5	341.13	340.99	340.46	339.27	338.07	335.94	334.35	331.02	323.45
270.0	338.33	339.53	339.53	338.87	338.07	337.27	335.81	332.62	330.36
292.5	338.60	338.20	337.27	335.94	334.48	331.82	329.83	323.58	320.12
315.0	338.60	338.73	337.40	336.74	335.28	334.35	331.42	327.97	325.31
337.5	337.67	336.74	335.14	333.42	331.42	327.70	325.04	317.46	313.21
360.0	352.29	350.57	348.44	345.38	343.12	338.33	332.62	324.64	313.34
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	307.49	298.19	287.15	284.63	277.58	274.39	267.61	262.69	260.70
22.5	313.34	307.76	296.59	288.08	281.04	273.73	268.41	263.36	258.84
45.0	297.79	288.22	280.37	273.86	266.68	263.49	258.57	254.18	250.59
67.5	312.94	304.83	295.00	285.16	280.24	271.73	263.22	259.90	253.78
90.0	304.30	294.60	283.56	275.19	266.81	263.09	257.11	252.06	248.07
112.5	318.66	312.54	305.76	296.86	289.68	277.05	269.21	262.03	254.58
135.0	314.01	306.03	297.79	286.35	273.06	268.01	260.56	254.18	249.13
157.5	323.84	318.79	312.81	305.76	300.85	287.95	275.99	266.81	259.37
180.0	345.11	342.46	336.74	327.83	323.45	314.54	307.63	288.08	279.44
202.5	331.29	325.57	319.06	310.42	295.66	284.76	276.78	269.21	266.01
225.0	331.95	327.57	321.85	314.67	309.22	295.93	285.56	277.45	270.40
247.5	321.05	312.28	306.83	293.67	281.70	277.05	270.27	265.08	260.17
270.0	325.31	319.72	311.88	302.97	297.52	286.09	275.45	271.47	265.88
292.5	311.35	302.57	293.27	284.36	275.99	272.40	266.68	262.03	257.64
315.0	318.79	311.61	302.31	292.07	287.15	278.78	272.79	267.21	261.23
337.5	302.71	292.87	284.89	278.11	270.93	267.61	262.29	257.64	253.52
360.0	307.49	298.19	287.15	284.63	277.58	274.39	267.61	262.69	260.70
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	258.70	257.11	256.04	254.58	253.92	252.72	251.66	250.33	249.26
22.5	256.44	252.59	250.73	249.53	248.20	247.40	245.41	244.08	243.28
45.0	247.67	246.07	244.88	243.95	242.75	241.15	239.96	238.50	237.03
67.5	249.80	246.61	244.74	243.81	242.22	240.89	239.43	238.10	237.30
90.0	244.88	243.55	241.69	240.22	239.43	237.83	236.50	234.91	233.44
112.5	249.66	246.07	243.68	242.88	241.29	239.96	238.50	237.03	236.37
135.0	245.28	244.08	241.95	240.49	239.69	238.23	236.77	235.44	233.58
157.5	252.32	247.93	245.41	244.35	242.35	241.15	239.96	238.36	237.57
180.0	275.19	267.88	262.82	259.10	256.58	255.51	253.92	252.45	250.99
202.5	260.96	256.84	253.92	251.66	250.86	249.66	248.07	246.74	245.01
225.0	267.08	259.10	254.98	252.99	250.46	249.13	247.67	246.47	245.67
247.5	255.11	252.99	250.73	249.26	248.07	246.61	245.41	244.08	242.75
270.0	262.96	256.04	252.45	250.99	249.00	247.80	246.74	245.67	245.01
292.5	253.12	251.26	249.40	247.54	246.87	245.81	245.28	243.68	242.62
315.0	256.84	252.85	250.06	249.00	247.40	246.47	245.41	244.48	243.68
337.5	249.53	247.93	246.21	245.01	244.48	243.28	242.35	241.29	240.09
360.0	258.70	257.11	256.04	254.58	253.92	252.72	251.66	250.33	249.26

Intensity data(cd)

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	247.93	246.74	245.28	244.48	243.15	241.95	240.62	238.89	237.96
22.5	241.95	240.89	239.43	238.23	237.57	235.97	234.51	233.31	231.98
45.0	236.37	235.17	233.84	232.65	231.05	230.12	228.79	226.53	225.60
67.5	235.70	233.84	233.18	231.72	230.25	229.06	227.73	226.80	225.07
90.0	232.78	231.45	230.12	228.79	227.20	226.40	224.94	222.81	222.01
112.5	234.51	232.65	231.98	230.65	229.06	227.73	226.40	225.47	223.87
135.0	232.91	231.72	230.25	229.06	227.46	226.66	225.20	223.74	222.14
157.5	235.84	234.24	233.18	231.98	231.18	229.46	227.59	226.66	224.94
180.0	249.26	247.67	246.21	244.88	243.95	242.35	241.02	239.69	238.10
202.5	244.35	242.88	240.89	240.09	238.63	237.17	235.84	234.11	233.31
225.0	243.95	242.62	241.42	240.36	239.43	237.83	236.10	235.31	233.71
247.5	242.09	241.02	239.83	238.50	237.03	236.37	234.91	232.91	232.38
270.0	243.55	242.62	241.55	240.22	239.03	238.36	236.77	235.97	234.37
292.5	241.95	241.02	239.83	238.63	237.30	236.63	235.57	234.24	233.05
315.0	242.62	241.15	240.62	239.16	238.10	237.03	235.97	235.31	233.84
337.5	239.29	238.36	237.17	236.10	234.64	233.98	232.78	231.58	229.99
360.0	247.93	246.74	245.28	244.48	243.15	241.95	240.62	238.89	237.96
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	236.37	233.58	232.91	230.39	228.39	226.40	223.74	222.41	220.15
22.5	231.05	229.06	226.80	225.60	223.47	221.48	219.22	217.23	215.90
45.0	224.01	222.28	220.28	218.02	216.69	214.83	212.71	210.45	208.05
67.5	223.74	222.14	220.55	219.49	217.36	214.57	213.37	210.71	210.05
90.0	220.28	219.35	216.96	214.70	213.64	211.51	209.51	207.25	204.73
112.5	222.54	220.81	219.35	218.42	216.43	214.70	212.84	210.31	208.32
135.0	220.55	219.09	217.49	215.36	214.30	212.44	210.18	208.05	205.53
157.5	223.74	222.28	220.55	219.62	217.76	216.03	214.30	212.31	209.78
180.0	237.30	234.64	233.18	232.25	230.65	228.53	226.80	224.80	223.61
202.5	231.98	230.25	228.79	226.80	224.94	223.07	220.55	219.35	217.23
225.0	232.38	230.92	229.32	228.39	226.66	224.80	223.07	221.08	218.55
247.5	230.65	229.72	227.59	225.47	224.40	222.54	220.55	218.42	215.76
270.0	233.18	231.85	230.39	229.59	227.73	226.00	224.14	222.28	219.75
292.5	231.58	229.99	228.39	226.53	225.33	223.61	221.75	219.49	217.09
315.0	232.65	231.45	229.99	229.06	227.20	225.47	223.74	221.21	219.35
337.5	228.66	227.20	225.47	223.61	222.41	220.55	218.55	216.43	214.03
360.0	236.37	233.58	232.91	230.39	228.39	226.40	223.74	222.41	220.15
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	217.89	215.50	212.84	211.24	208.85	206.46	204.06	200.87	198.08
22.5	213.37	210.98	208.85	206.59	205.26	202.34	200.08	197.68	194.76
45.0	205.79	203.53	200.87	199.81	197.15	194.89	192.37	189.31	187.85
67.5	207.39	204.60	203.27	200.47	198.21	196.09	193.69	192.37	189.31
90.0	203.53	200.34	197.68	196.75	194.09	191.70	189.31	186.52	185.05
112.5	206.86	203.80	202.34	199.68	197.55	195.29	192.90	191.57	188.78
135.0	204.20	201.01	199.54	196.89	194.63	192.23	189.97	187.05	185.45
157.5	208.32	205.39	204.06	201.14	199.01	196.75	194.36	192.76	189.97
180.0	220.95	218.82	216.43	214.03	212.57	209.65	207.25	204.86	201.80
202.5	215.10	212.84	209.91	208.45	206.06	203.80	201.41	198.35	196.89
225.0	217.36	214.30	212.97	210.18	207.92	205.53	203.27	201.67	198.88
247.5	214.57	212.44	210.05	207.79	204.99	202.60	200.21	197.28	195.69
270.0	218.55	215.63	214.30	211.51	209.38	206.99	204.73	203.40	200.47
292.5	215.76	213.77	210.05	208.58	206.46	205.13	201.80	198.88	197.28
315.0	217.23	215.23	214.03	211.11	209.12	206.86	204.60	203.27	200.34
337.5	212.71	209.65	206.99	205.79	203.53	201.27	198.75	195.95	194.36
360.0	217.89	215.50	212.84	211.24	208.85	206.46	204.06	200.87	198.08

Intensity data(cd)

C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	195.69	192.50	191.04	188.24	185.59	182.93	179.47	177.74	174.55
22.5	192.10	189.57	187.05	185.59	182.39	179.87	177.34	174.55	172.82
45.0	185.32	182.93	180.53	177.48	176.01	172.29	169.10	167.37	164.31
67.5	187.05	184.39	181.60	179.07	176.68	174.15	172.69	169.63	166.84
90.0	182.53	180.00	177.74	174.68	173.22	170.70	166.44	164.71	161.92
112.5	186.38	183.86	181.33	179.87	176.94	173.49	172.03	168.97	166.18
135.0	182.93	180.53	178.14	175.08	173.62	170.96	168.57	165.78	162.32
157.5	187.58	185.05	182.53	181.20	178.01	174.42	173.09	169.90	167.24
180.0	199.41	196.75	194.09	192.37	189.17	186.65	183.99	181.33	179.60
202.5	193.03	191.57	188.51	185.98	183.19	180.67	177.34	175.48	172.82
225.0	196.35	193.69	191.04	189.57	186.38	182.79	181.33	177.87	175.22
247.5	193.03	190.50	187.98	184.65	183.06	180.53	177.74	174.95	171.49
270.0	197.95	195.56	192.23	189.71	188.11	184.39	182.93	179.74	176.94
292.5	194.76	192.10	189.57	186.52	184.92	182.26	179.74	176.94	173.35
315.0	197.02	195.42	192.76	189.84	187.31	184.65	183.19	180.00	177.48
337.5	191.83	189.17	186.91	183.86	182.26	178.81	175.48	174.42	170.96
360.0	195.69	192.50	191.04	188.24	185.59	182.93	179.47	177.74	174.55
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	171.49	167.51	164.05	162.19	157.00	151.95	147.83	138.39	125.90
22.5	169.37	166.31	163.25	159.40	155.94	152.75	149.43	146.90	138.79
45.0	161.26	158.20	154.48	152.35	149.16	145.70	140.78	131.21	124.57
67.5	163.92	160.99	159.13	155.41	150.89	149.03	145.04	143.58	135.87
90.0	158.86	155.67	151.95	149.96	146.63	143.18	139.85	133.47	124.96
112.5	163.38	160.46	158.73	154.88	151.55	148.23	144.51	140.92	138.79
135.0	159.26	156.07	152.35	150.36	146.90	143.44	139.99	135.60	132.68
157.5	164.31	161.39	159.66	155.67	152.48	149.16	145.84	141.45	139.45
180.0	176.28	172.16	170.30	166.31	163.12	159.53	156.07	153.95	149.43
202.5	169.77	166.71	162.85	159.40	155.81	151.55	149.43	145.70	141.85
225.0	172.42	169.37	167.64	163.78	160.46	157.00	153.68	149.43	145.70
247.5	169.63	165.25	161.26	159.26	155.81	152.22	148.76	144.37	141.58
270.0	174.02	171.23	169.37	165.38	162.32	158.86	155.41	153.28	147.43
292.5	170.43	167.24	163.38	161.39	158.07	154.48	151.02	146.10	142.25
315.0	174.55	171.76	169.77	166.18	162.99	159.66	155.54	152.08	148.23
337.5	168.04	164.98	161.26	159.40	155.94	152.62	149.16	142.51	137.46
360.0	171.49	167.51	164.05	162.19	157.00	151.95	147.83	138.39	125.90
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	111.94	94.92	86.68	73.52	60.62	48.79	35.36	25.52	16.88
22.5	128.42	115.53	102.10	94.26	78.17	60.62	40.28	40.28	20.87
45.0	106.35	90.40	82.69	70.06	57.96	46.40	33.63	27.78	19.01
67.5	127.22	120.58	105.42	92.53	79.50	67.00	46.00	46.00	35.36
90.0	113.53	105.56	90.27	77.37	65.01	53.04	39.75	33.50	24.06
112.5	131.74	127.22	114.73	101.97	89.07	76.18	68.73	54.37	43.21
135.0	125.23	107.42	102.10	86.81	74.31	61.82	47.73	41.08	30.84
157.5	134.00	130.55	120.44	109.01	96.12	83.22	75.78	61.02	49.45
180.0	145.70	141.85	136.26	131.48	118.18	105.02	91.86	76.18	63.41
202.5	136.80	126.69	119.91	107.42	94.12	81.09	65.54	58.36	46.66
225.0	141.85	139.06	130.55	119.65	107.02	94.26	86.28	71.12	59.03
247.5	134.54	124.57	112.20	96.52	83.49	70.46	55.97	49.06	38.15
270.0	143.04	138.92	127.49	114.99	101.57	88.27	80.56	65.41	53.58
292.5	133.07	112.87	104.76	91.33	83.35	65.41	50.92	44.27	33.77
315.0	141.98	136.40	122.31	108.88	95.05	81.76	74.05	59.29	47.73
337.5	120.84	113.00	96.65	83.49	70.59	58.49	44.80	38.29	28.45
360.0	111.94	94.92	86.68	73.52	60.62	48.79	35.36	25.52	16.88

Intensity data(cd)

Appendix Page: 19 Total:22

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	9.04	6.91	5.32	3.99	2.79	1.33	0.80	0.00	0.13
22.5	13.29	9.04	9.57	5.98	4.65	3.46	2.13	1.46	0.27
45.0	11.96	7.18	5.18	4.52	3.19	1.33	0.66	0.00	0.00
67.5	15.69	9.44	9.44	6.25	4.92	4.12	2.66	1.33	0.40
90.0	15.69	9.44	5.85	5.05	3.72	2.53	1.06	0.13	0.00
112.5	23.00	13.43	9.44	9.84	5.72	4.92	3.32	1.99	0.93
135.0	21.54	13.43	7.31	5.98	3.99	3.19	1.60	0.53	0.00
157.5	38.29	28.05	21.67	13.16	7.71	5.58	3.99	2.66	1.46
180.0	51.05	39.75	21.67	13.56	8.11	8.11	5.85	5.05	3.32
202.5	35.63	23.66	15.16	9.04	6.25	4.52	3.72	2.53	1.20
225.0	47.33	34.30	18.88	9.57	9.57	7.44	5.18	3.99	2.79
247.5	28.05	18.88	10.50	7.71	5.72	4.39	3.06	1.60	0.66
270.0	29.78	20.61	15.55	7.71	7.71	6.12	4.52	3.32	1.99
292.5	24.06	15.55	8.38	6.25	4.92	3.72	2.53	1.20	0.13
315.0	26.85	19.54	10.10	10.10	6.25	5.32	3.72	2.66	1.46
337.5	19.54	12.23	6.51	5.58	3.86	2.53	1.60	0.66	0.00
360.0	9.04	6.91	5.32	3.99	2.79	1.33	0.80	0.00	0.13
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.13	0.00	0.13	0.13	0.13	0.00	0.13	0.13
22.5	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13
45.0	0.13	0.00	0.13	0.00	0.13	0.13	0.13	0.13	0.13
67.5	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13
90.0	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
112.5	0.00	0.13	0.00	0.00	0.13	0.13	0.13	0.13	0.13
135.0	0.00	0.00	0.13	0.13	0.00	0.13	0.13	0.13	0.13
157.5	0.27	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.13
180.0	1.46	0.93	0.13	0.00	0.00	0.00	0.13	0.13	0.13
202.5	0.13	0.00	0.00	0.13	0.00	0.13	0.13	0.13	0.13
225.0	1.46	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.13
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13
270.0	1.06	0.40	0.00	0.00	0.13	0.00	0.00	0.13	0.13
292.5	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.00	0.13
315.0	0.53	0.13	0.00	0.00	0.13	0.00	0.00	0.13	0.13
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.13
360.0	0.00	0.13	0.00	0.13	0.13	0.13	0.00	0.13	0.13
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27	0.27
22.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
45.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
67.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
90.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
112.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
135.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
157.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
180.0	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
202.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
225.0	0.13	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13
247.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
270.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
292.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
315.0	0.13	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13
337.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
360.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27	0.27

Intensity data(cd)

C/γ(°)	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	0.40	0.40
22.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40
67.5	0.13	0.27	0.27	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	0.40
112.5	0.27	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
157.5	0.13	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27
180.0	0.13	0.27	0.13	0.27	0.13	0.27	0.27	0.27	0.27
202.5	0.13	0.27	0.13	0.27	0.27	0.27	0.27	0.27	0.27
225.0	0.13	0.13	0.13	0.13	0.27	0.27	0.13	0.27	0.27
247.5	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27	0.27
270.0	0.13	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27
292.5	0.13	0.13	0.27	0.27	0.27	0.13	0.27	0.27	0.27
315.0	0.13	0.27	0.13	0.27	0.27	0.13	0.27	0.27	0.27
337.5	0.13	0.13	0.13	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	0.40	0.40
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53	0.53
22.5	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.53
45.0	0.27	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53
67.5	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.40
90.0	0.40	0.40	0.40	0.40	0.40	0.53	0.40	0.53	0.53
112.5	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53
135.0	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.40	0.53
157.5	0.27	0.40	0.27	0.40	0.40	0.40	0.40	0.40	0.40
180.0	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
202.5	0.27	0.27	0.27	0.40	0.40	0.27	0.40	0.40	0.40
225.0	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.40	0.40
247.5	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40	0.40
270.0	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.40	0.40
292.5	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
315.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.40
337.5	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
360.0	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53	0.53
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.66	0.66
22.5	0.53	0.53	0.53	0.53	0.53	0.66	0.53	0.66	0.66
45.0	0.53	0.53	0.53	0.53	0.53	0.66	0.53	0.53	0.66
67.5	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
90.0	0.53	0.53	0.53	0.53	0.53	0.66	0.53	0.66	0.66
112.5	0.53	0.53	0.53	0.40	0.53	0.53	0.53	0.66	0.66
135.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
157.5	0.53	0.40	0.40	0.40	0.66	0.66	0.53	0.53	0.53
180.0	0.40	0.40	0.53	0.40	0.53	0.53	0.53	0.53	0.53
202.5	0.53	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53
225.0	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53
247.5	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
270.0	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53
292.5	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53	0.53
315.0	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53
337.5	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
360.0	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.66	0.66

Intensity data(cd)

C/ $\gamma(^{\circ})$	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.80	0.66	0.80	0.80	0.80	0.66	0.80	0.80	0.80
22.5	0.66	0.66	0.66	0.66	0.80	0.66	0.66	0.66	0.66
45.0	0.66	0.66	0.53	0.66	0.66	0.66	0.66	0.66	0.80
67.5	0.66	0.66	0.66	0.66	0.66	0.66	0.80	0.66	0.66
90.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80	0.80
112.5	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
135.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80	0.66
157.5	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
180.0	0.53	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66
202.5	0.53	0.66	0.53	0.66	0.66	0.66	0.66	0.66	0.80
225.0	0.53	0.53	0.53	0.53	0.66	0.53	0.66	0.66	0.66
247.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66
270.0	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.53	0.66
292.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66
315.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66
337.5	0.53	0.66	0.53	0.66	0.53	0.66	0.66	0.66	0.66
360.0	0.80	0.66	0.80	0.80	0.80	0.66	0.80	0.80	0.80
C/ $\gamma(^{\circ})$	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.80	0.80	0.80	0.93	0.93	0.80	0.93	0.93	0.93
22.5	0.80	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80
45.0	0.80	0.80	0.66	0.80	0.80	0.80	0.80	0.93	0.93
67.5	0.66	0.66	0.66	0.66	0.80	0.80	0.80	0.80	0.80
90.0	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.93
112.5	0.80	0.66	0.66	0.66	0.80	0.66	0.80	0.80	0.80
135.0	0.66	0.80	0.66	0.80	0.80	0.66	0.80	0.80	0.80
157.5	0.66	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80
180.0	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80
202.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
225.0	0.66	0.66	0.66	0.66	0.66	0.80	0.80	0.66	0.80
247.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80
270.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
292.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80	0.80
315.0	0.66	0.66	0.66	0.66	0.80	0.80	0.66	0.80	0.66
337.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80	0.80
360.0	0.80	0.80	0.80	0.93	0.93	0.80	0.93	0.93	0.93
C/ $\gamma(^{\circ})$	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06
22.5	0.80	0.80	0.80	0.93	0.93	0.93	0.80	0.93	0.93
45.0	0.80	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
67.5	0.80	0.80	0.93	0.80	0.80	0.80	0.80	0.93	0.93
90.0	0.80	0.93	0.93	0.93	0.80	0.93	0.80	0.93	0.93
112.5	0.80	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
135.0	0.93	0.80	0.93	0.93	0.80	0.93	0.93	0.93	0.93
157.5	0.80	0.80	0.80	0.80	0.80	0.93	0.93	0.93	0.93
180.0	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.93	0.93
202.5	0.80	0.80	0.80	0.80	0.93	0.93	0.93	0.93	0.93
225.0	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.80
247.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.80
270.0	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
292.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.93
315.0	0.66	0.80	0.80	0.80	0.80	0.66	0.80	0.93	0.80
337.5	0.80	0.80	0.80	0.66	0.80	0.93	0.80	0.93	0.80
360.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06

Intensity data(cd)

C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.93	1.06	1.06	1.06	0.93	0.93	1.06	0.93	0.93
22.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
45.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
67.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
90.0	0.93	0.93	0.93	0.93	0.93	0.93	0.80	0.93	0.93
112.5	0.93	0.93	0.80	0.93	0.93	0.93	1.06	0.93	0.93
135.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
157.5	0.93	0.93	0.80	0.93	0.93	0.93	0.93	0.93	0.93
180.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06
202.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
225.0	0.93	0.80	0.93	0.93	0.93	0.93	0.93	0.93	0.93
247.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
270.0	0.80	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
292.5	0.80	0.93	0.93	0.93	0.80	0.93	0.93	0.93	0.93
315.0	0.80	0.93	0.93	0.93	0.93	0.80	0.93	0.93	0.93
337.5	0.93	0.93	0.93	0.93	0.80	0.93	0.93	0.80	0.93
360.0	0.93	1.06	1.06	1.06	0.93	0.93	1.06	0.93	0.93
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
22.5	0.93	0.93	0.93	0.93	1.06	1.06	1.06	0.93	0.93
45.0	0.93	0.93	0.93	0.93	1.06	0.93	0.93	1.06	0.93
67.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06
90.0	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06	0.93
112.5	0.93	0.93	0.93	1.06	0.93	0.93	1.06	1.06	1.06
135.0	0.93	0.93	1.06	0.93	1.06	0.93	0.93	0.93	0.93
157.5	0.93	1.06	0.93	0.93	1.06	0.93	0.93	1.06	0.93
180.0	0.93	0.93	1.06	1.06	1.06	1.06	1.06	0.93	1.06
202.5	1.06	0.93	0.93	1.06	1.06	1.06	1.06	1.06	1.06
225.0	0.93	0.93	0.93	0.93	0.93	1.06	1.06	1.06	0.93
247.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	0.93
270.0	0.93	0.93	0.93	0.93	1.06	0.93	0.93	1.06	0.93
292.5	0.93	0.93	0.93	0.93	0.93	1.06	0.93	0.93	0.93
315.0	0.93	0.93	0.93	0.93	0.93	1.06	0.93	1.06	0.93
337.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
360.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
C/ γ (°)	180.0								
0.0	0.93								
22.5	1.06								
45.0	0.93								
67.5	0.93								
90.0	0.93								
112.5	1.06								
135.0	1.06								
157.5	0.93								
180.0	0.93								
202.5	1.06								
225.0	0.93								
247.5	0.93								
270.0	0.93								
292.5	1.06								
315.0	1.06								
337.5	0.93								
360.0	0.93								