



Bell-Southcn Testing Laboratory(Shenzhen)

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Address:No.115,1st Floor,A5 Building,Tianrui Industrial Park,Fuyuan 1st Road,Fuyong,Bao'an District,Shenzhen,China.

Client:

LumCAT: SPKPL-RDLRE4R-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111401-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.015

Lamp flux(lm)

Power (W): 1.483

Number of Lamps: 1

PF: 0.822

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 33.78, Luminous Efficacy(lm/W): 22.78

Central intensity(cd): 55.76, Maximum intensity(cd): 55.93

Angle of maximum intensity: $C=315.0$ $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=39.5

[C90/270]Total=39.3

Field angle(10%Imax): [C0/180]Total=74.0

[C90/270]Total=73.7

Maximum s/h(1/2): C0_180=0.67 C90_270=0.61

Maximum s/h(1/4): C0_180=0.70 C90_270=0.65

Up flux rate of LUM(%): 0.01%

Down flux rate of LUM(%): 99.99%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 96.757%

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

Date: 2024-11-14
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	55.763	0.000	0.000	0.000%	0.000%
1.0	55.686	0.053	0.053	0.158%	0.158%
2.0	55.413	0.159	0.213	0.472%	0.630%
3.0	55.191	0.265	0.477	0.783%	1.413%
4.0	54.526	0.367	0.845	1.087%	2.500%
5.0	53.580	0.465	1.310	1.377%	3.877%
6.0	52.668	0.558	1.868	1.653%	5.530%
7.0	51.295	0.645	2.513	1.910%	7.441%
8.0	49.965	0.725	3.238	2.145%	9.586%
9.0	48.430	0.797	4.035	2.361%	11.947%
10.0	46.588	0.860	4.895	2.546%	14.493%
11.0	45.301	0.918	5.813	2.718%	17.211%
12.0	43.306	0.969	6.782	2.868%	20.078%
13.0	41.413	1.005	7.787	2.976%	23.055%
14.0	39.383	1.034	8.822	3.062%	26.117%
15.0	37.235	1.052	9.873	3.114%	29.231%
16.0	35.785	1.070	10.943	3.168%	32.398%
17.0	33.526	1.079	12.023	3.195%	35.594%
18.0	31.514	1.072	13.095	3.175%	38.769%
19.0	29.655	1.064	14.159	3.151%	41.919%
20.0	27.549	1.047	15.206	3.100%	45.019%
21.0	25.912	1.027	16.233	3.039%	48.058%
22.0	24.087	1.005	17.238	2.975%	51.032%
23.0	22.305	0.973	18.211	2.882%	53.914%
24.0	21.316	0.954	19.165	2.823%	56.738%
25.0	19.722	0.933	20.098	2.762%	59.500%
26.0	18.417	0.900	20.998	2.665%	62.166%
27.0	17.138	0.870	21.868	2.575%	64.741%
28.0	15.910	0.837	22.705	2.477%	67.218%
29.0	15.160	0.813	23.518	2.407%	69.624%
30.0	14.060	0.789	24.307	2.336%	71.960%
31.0	12.969	0.752	25.059	2.227%	74.187%
32.0	12.065	0.717	25.776	2.123%	76.310%
33.0	10.956	0.678	26.454	2.008%	78.318%
34.0	10.061	0.636	27.090	1.883%	80.201%
35.0	9.089	0.595	27.685	1.761%	81.962%
36.0	8.006	0.544	28.229	1.611%	83.573%
37.0	7.290	0.499	28.728	1.477%	85.050%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	6.327	0.455	29.183	1.346%	86.396%
39.0	5.414	0.401	29.583	1.186%	87.582%
40.0	4.570	0.348	29.932	1.031%	88.613%
41.0	3.820	0.299	30.230	0.884%	89.498%
42.0	3.394	0.262	30.492	0.776%	90.274%
43.0	2.899	0.233	30.726	0.690%	90.964%
44.0	2.498	0.204	30.929	0.603%	91.567%
45.0	2.234	0.182	31.111	0.538%	92.105%
46.0	1.935	0.163	31.274	0.483%	92.588%
47.0	1.748	0.146	31.421	0.434%	93.022%
48.0	1.501	0.131	31.552	0.389%	93.410%
49.0	1.398	0.119	31.671	0.352%	93.763%
50.0	1.305	0.113	31.784	0.334%	94.096%
51.0	1.245	0.108	31.892	0.319%	94.416%
52.0	1.160	0.103	31.995	0.305%	94.721%
53.0	1.091	0.098	32.093	0.290%	95.011%
54.0	1.032	0.094	32.186	0.277%	95.288%
55.0	0.963	0.089	32.275	0.264%	95.552%
56.0	0.955	0.087	32.362	0.257%	95.808%
57.0	0.904	0.085	32.447	0.252%	96.060%
58.0	0.844	0.081	32.528	0.239%	96.299%
59.0	0.819	0.078	32.606	0.230%	96.529%
60.0	0.810	0.077	32.682	0.228%	96.757%
61.0	0.776	0.076	32.758	0.224%	96.981%
62.0	0.742	0.073	32.831	0.217%	97.198%
63.0	0.725	0.071	32.903	0.211%	97.409%
64.0	0.674	0.069	32.971	0.203%	97.612%
65.0	0.657	0.066	33.037	0.195%	97.807%
66.0	0.639	0.065	33.102	0.191%	97.998%
67.0	0.580	0.061	33.163	0.182%	98.180%
68.0	0.554	0.057	33.220	0.170%	98.350%
69.0	0.537	0.056	33.276	0.165%	98.515%
70.0	0.520	0.054	33.330	0.161%	98.676%
71.0	0.486	0.052	33.382	0.154%	98.830%
72.0	0.435	0.048	33.430	0.142%	98.971%
73.0	0.426	0.045	33.475	0.133%	99.105%
74.0	0.392	0.043	33.518	0.127%	99.232%
75.0	0.358	0.040	33.558	0.117%	99.349%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.324	0.036	33.594	0.107%	99.457%
77.0	0.298	0.033	33.627	0.098%	99.555%
78.0	0.273	0.031	33.658	0.091%	99.645%
79.0	0.230	0.027	33.685	0.080%	99.725%
80.0	0.188	0.023	33.708	0.067%	99.792%
81.0	0.171	0.019	33.727	0.057%	99.849%
82.0	0.136	0.017	33.744	0.049%	99.899%
83.0	0.119	0.014	33.757	0.041%	99.940%
84.0	0.068	0.010	33.768	0.030%	99.970%
85.0	0.026	0.005	33.773	0.015%	99.985%
86.0	0.009	0.002	33.775	0.006%	99.991%
87.0	0.009	0.001	33.776	0.003%	99.994%
88.0	0.000	0.000	33.776	0.001%	99.995%
89.0	0.000	0.000	33.776	0.000%	99.995%
90.0	0.000	0.000	33.776	0.000%	99.995%
91.0	0.000	0.000	33.776	0.000%	99.995%
92.0	0.000	0.000	33.776	0.000%	99.995%
93.0	0.000	0.000	33.776	0.000%	99.995%
94.0	0.000	0.000	33.776	0.000%	99.995%
95.0	0.000	0.000	33.776	0.000%	99.995%
96.0	0.000	0.000	33.776	0.000%	99.995%
97.0	0.000	0.000	33.776	0.000%	99.995%
98.0	0.000	0.000	33.776	0.000%	99.995%
99.0	0.000	0.000	33.776	0.000%	99.995%
100.0	0.000	0.000	33.776	0.000%	99.995%
101.0	0.000	0.000	33.776	0.000%	99.995%
102.0	0.000	0.000	33.776	0.000%	99.995%
103.0	0.000	0.000	33.776	0.000%	99.995%
104.0	0.000	0.000	33.776	0.000%	99.995%
105.0	0.000	0.000	33.776	0.000%	99.995%
106.0	0.000	0.000	33.776	0.000%	99.995%
107.0	0.000	0.000	33.776	0.000%	99.995%
108.0	0.000	0.000	33.776	0.000%	99.995%
109.0	0.000	0.000	33.776	0.000%	99.995%
110.0	0.000	0.000	33.776	0.000%	99.995%
111.0	0.000	0.000	33.776	0.000%	99.995%
112.0	0.000	0.000	33.776	0.000%	99.995%
113.0	0.000	0.000	33.776	0.000%	99.995%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	33.776	0.000%	99.995%
115.0	0.000	0.000	33.776	0.000%	99.995%
116.0	0.000	0.000	33.776	0.000%	99.995%
117.0	0.000	0.000	33.776	0.000%	99.995%
118.0	0.000	0.000	33.776	0.000%	99.995%
119.0	0.000	0.000	33.776	0.000%	99.995%
120.0	0.000	0.000	33.776	0.000%	99.995%
121.0	0.000	0.000	33.776	0.000%	99.995%
122.0	0.000	0.000	33.776	0.000%	99.995%
123.0	0.000	0.000	33.776	0.000%	99.995%
124.0	0.000	0.000	33.776	0.000%	99.995%
125.0	0.000	0.000	33.776	0.000%	99.995%
126.0	0.000	0.000	33.776	0.000%	99.995%
127.0	0.000	0.000	33.776	0.000%	99.995%
128.0	0.000	0.000	33.776	0.000%	99.995%
129.0	0.000	0.000	33.776	0.000%	99.995%
130.0	0.000	0.000	33.776	0.000%	99.995%
131.0	0.000	0.000	33.776	0.000%	99.995%
132.0	0.000	0.000	33.776	0.000%	99.995%
133.0	0.000	0.000	33.776	0.000%	99.995%
134.0	0.000	0.000	33.776	0.000%	99.995%
135.0	0.000	0.000	33.776	0.000%	99.995%
136.0	0.000	0.000	33.776	0.000%	99.995%
137.0	0.000	0.000	33.776	0.000%	99.995%
138.0	0.000	0.000	33.776	0.000%	99.995%
139.0	0.000	0.000	33.776	0.000%	99.995%
140.0	0.000	0.000	33.776	0.000%	99.995%
141.0	0.000	0.000	33.776	0.000%	99.995%
142.0	0.000	0.000	33.776	0.000%	99.995%
143.0	0.000	0.000	33.776	0.000%	99.995%
144.0	0.000	0.000	33.776	0.000%	99.995%
145.0	0.000	0.000	33.776	0.000%	99.995%
146.0	0.000	0.000	33.776	0.000%	99.995%
147.0	0.000	0.000	33.776	0.000%	99.995%
148.0	0.000	0.000	33.776	0.000%	99.995%
149.0	0.000	0.000	33.776	0.000%	99.995%
150.0	0.000	0.000	33.776	0.000%	99.995%
151.0	0.000	0.000	33.776	0.000%	99.995%

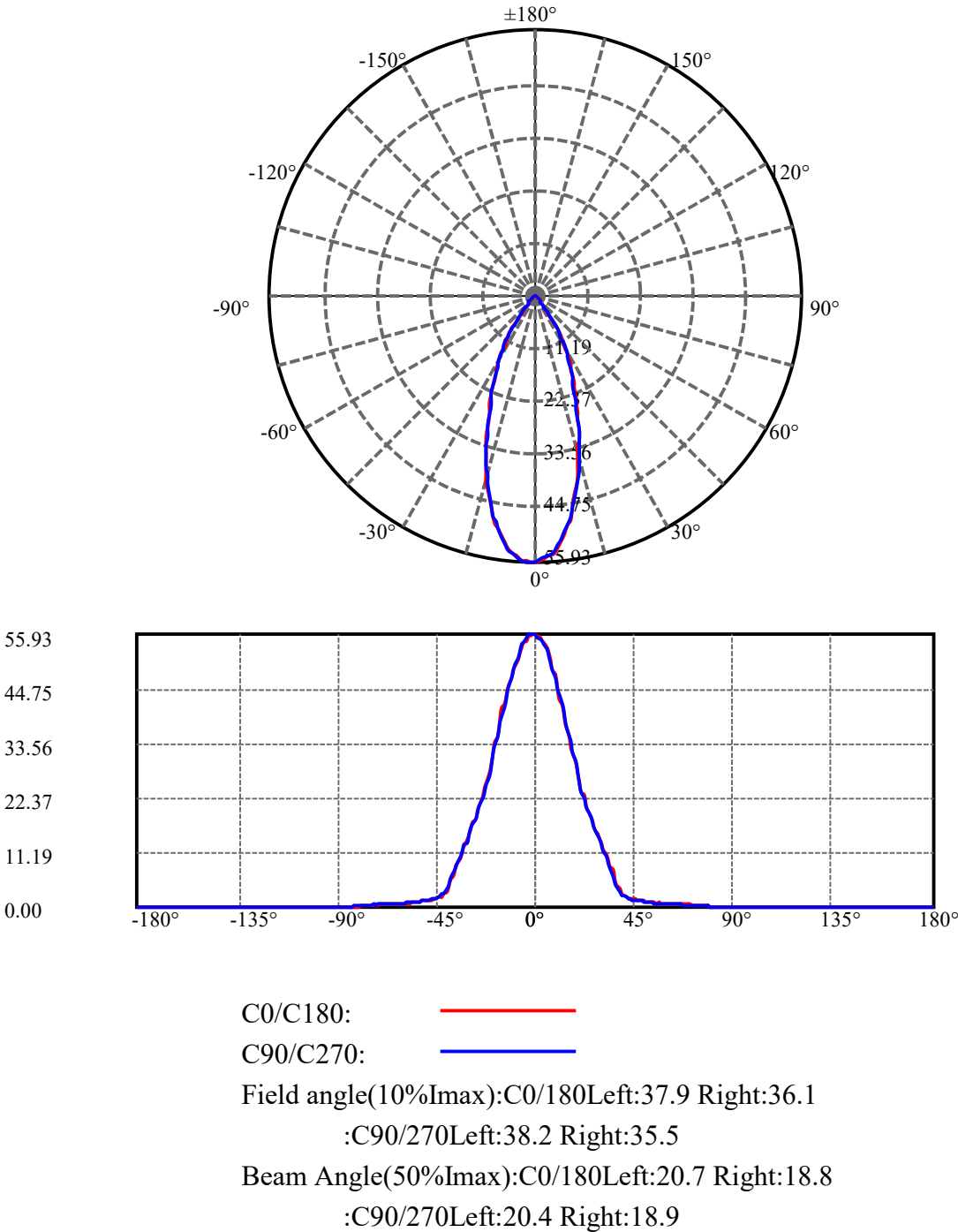
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	33.776	0.000%	99.995%
153.0	0.000	0.000	33.776	0.000%	99.995%
154.0	0.000	0.000	33.776	0.000%	99.995%
155.0	0.000	0.000	33.776	0.000%	99.995%
156.0	0.000	0.000	33.776	0.000%	99.995%
157.0	0.000	0.000	33.776	0.000%	99.995%
158.0	0.000	0.000	33.776	0.000%	99.995%
159.0	0.000	0.000	33.776	0.000%	99.995%
160.0	0.009	0.000	33.776	0.000%	99.995%
161.0	0.000	0.000	33.776	0.000%	99.996%
162.0	0.000	0.000	33.776	0.000%	99.996%
163.0	0.000	0.000	33.776	0.000%	99.996%
164.0	0.000	0.000	33.776	0.000%	99.996%
165.0	0.000	0.000	33.776	0.000%	99.996%
166.0	0.000	0.000	33.776	0.000%	99.996%
167.0	0.000	0.000	33.776	0.000%	99.996%
168.0	0.000	0.000	33.776	0.000%	99.996%
169.0	0.000	0.000	33.776	0.000%	99.996%
170.0	0.017	0.000	33.777	0.001%	99.996%
171.0	0.009	0.000	33.777	0.001%	99.997%
172.0	0.009	0.000	33.777	0.000%	99.997%
173.0	0.026	0.000	33.777	0.001%	99.998%
174.0	0.017	0.000	33.777	0.001%	99.999%
175.0	0.009	0.000	33.778	0.000%	99.999%
176.0	0.009	0.000	33.778	0.000%	100.000%
177.0	0.009	0.000	33.778	0.000%	100.000%
178.0	0.009	0.000	33.778	0.000%	100.000%
179.0	0.017	0.000	33.778	0.000%	100.000%
180.0	0.000	0.000	33.778	0.000%	100.000%

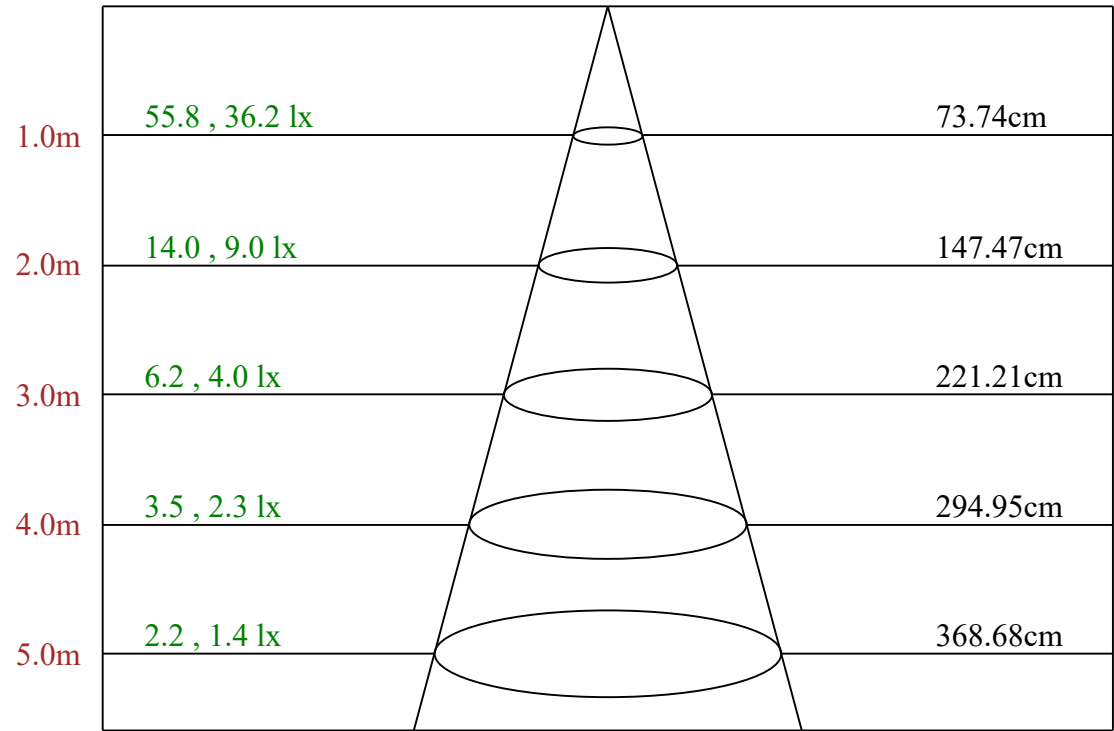
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	24.31	71.96%
0-40	29.93	88.61%
0-60	32.68	96.76%
0-90	33.78	99.99%
0-120	33.78	99.99%
0-180	33.78	100.00%
60-90	1.09	3.24%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.01%
0-33.89	27.02	80.00%

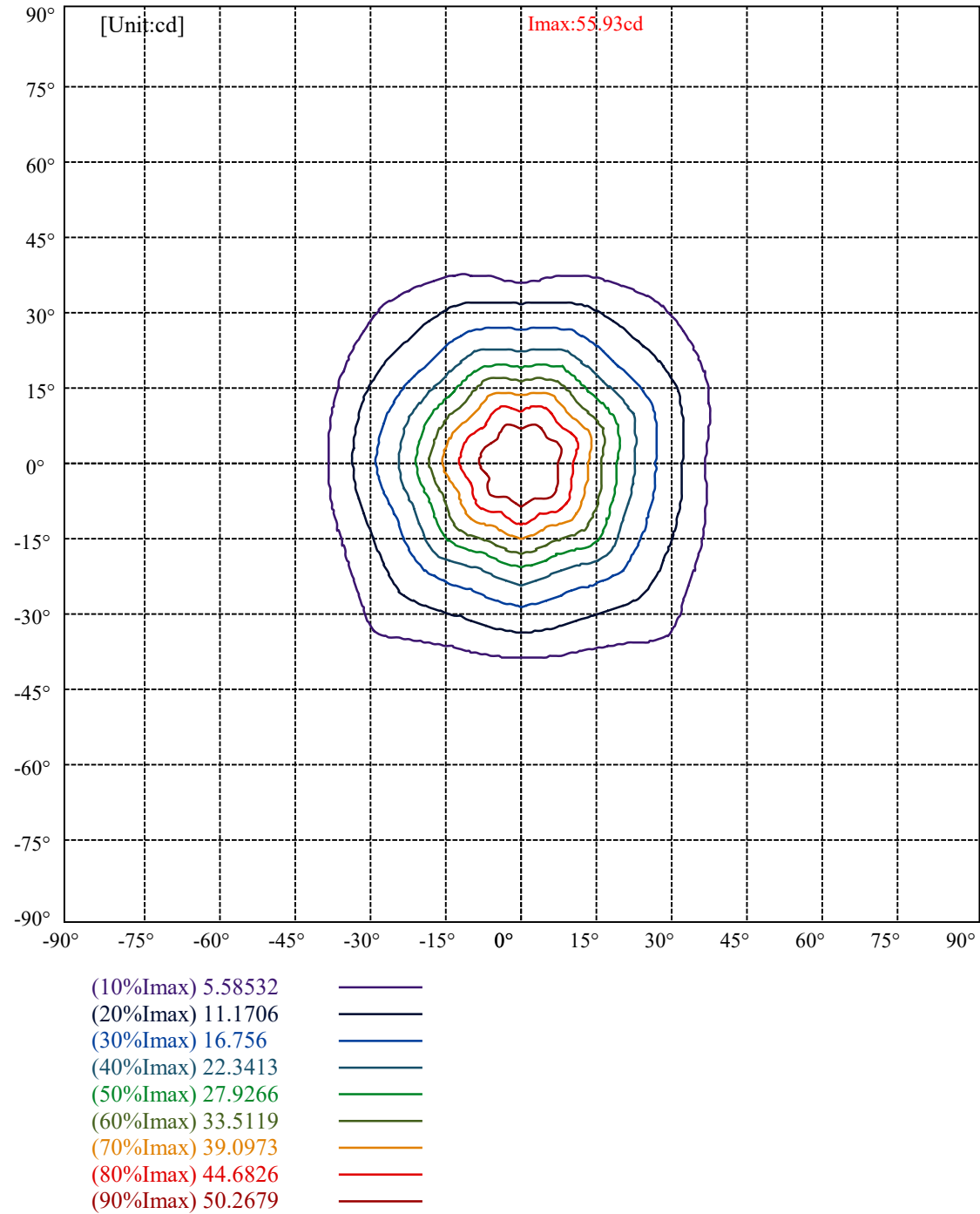
ZONAL LUMEN SUMMARY

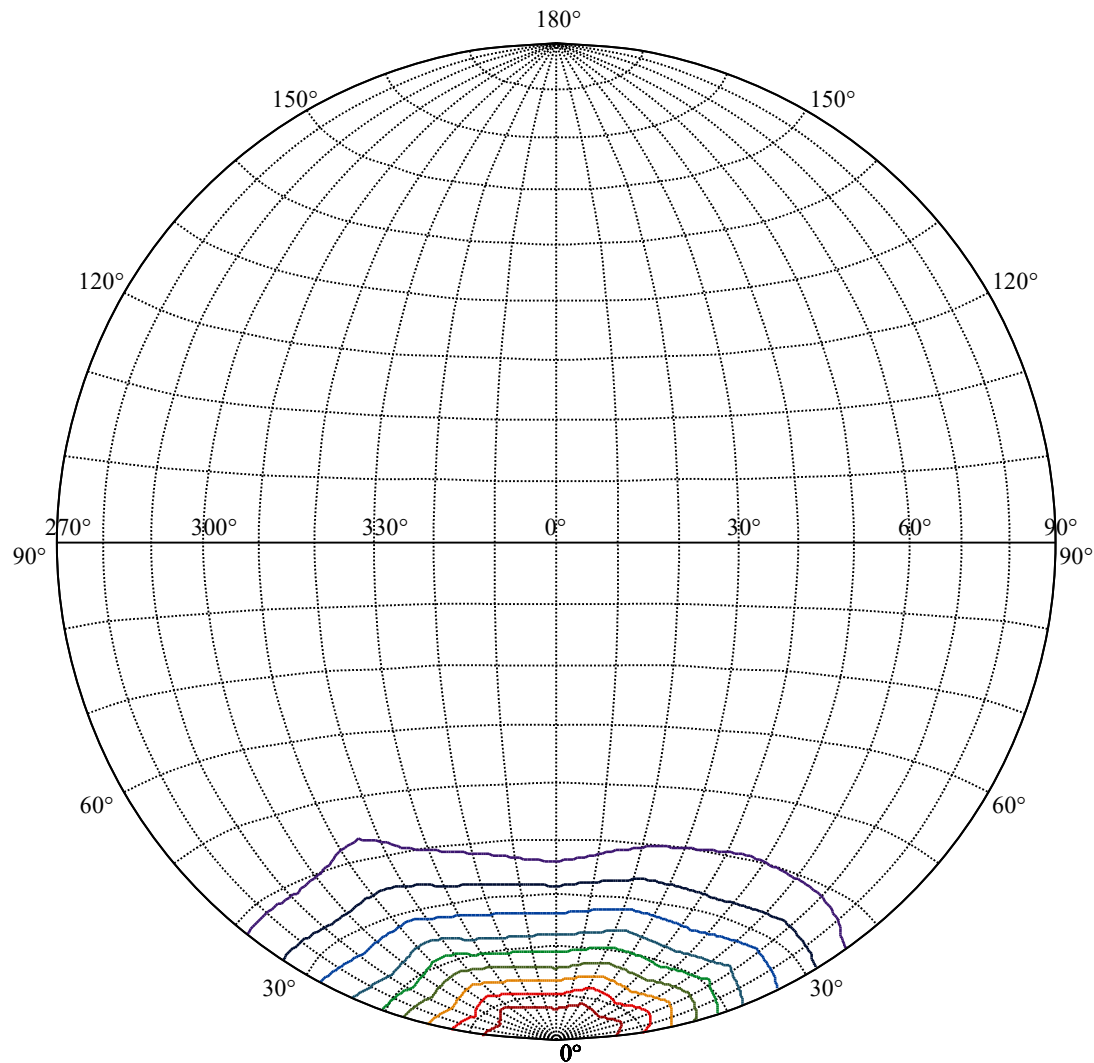
0-10	4.90
10-20	10.31
20-30	9.10
30-40	5.63
40-50	1.85
50-60	0.90
60-70	0.65
70-80	0.38
80-90	0.07
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





Max , Ave Beam angle of C315 plane 40.48



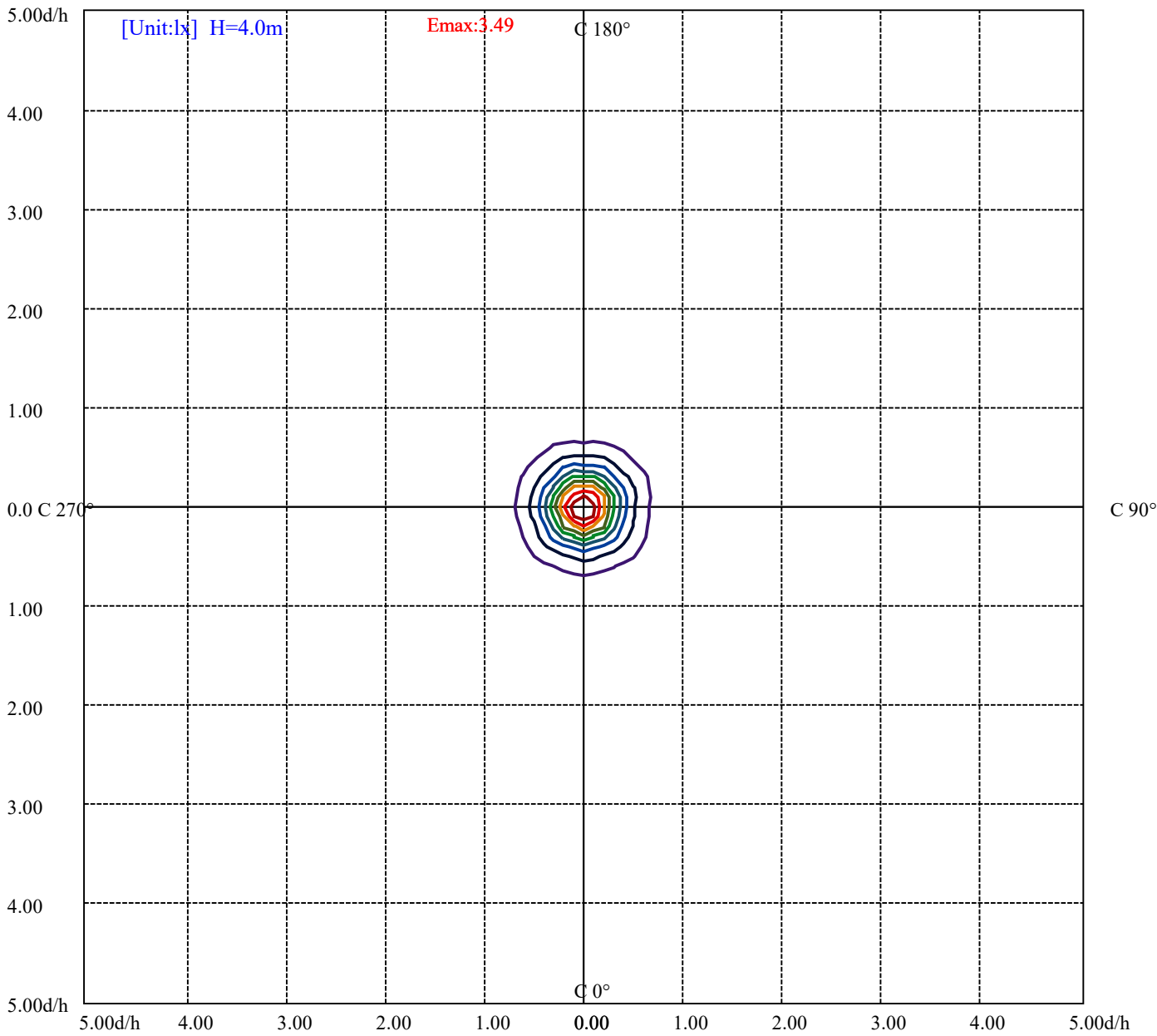


House

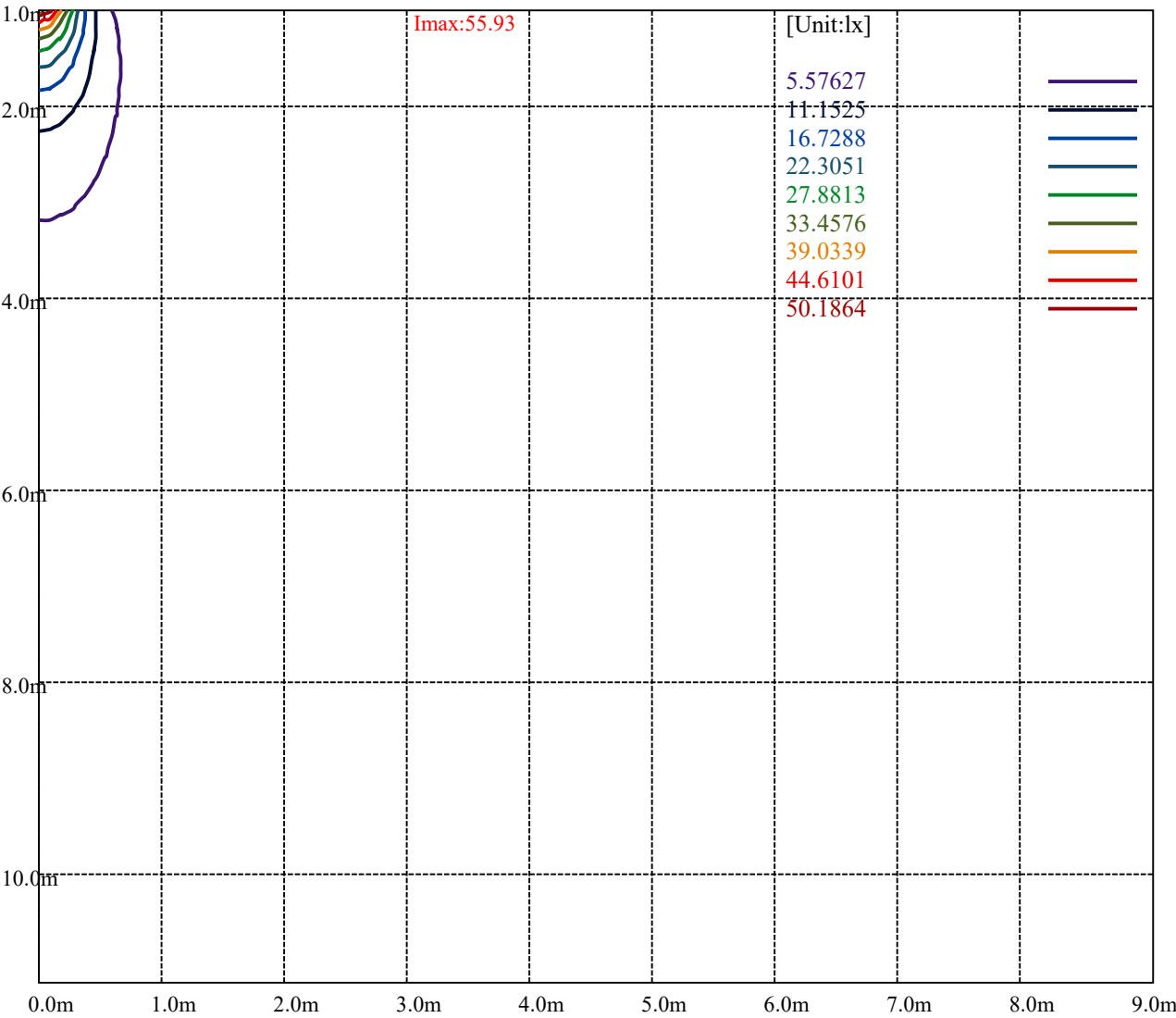
[Unit:cd]

Road

Imax:55.93	
(10%Imax) 5.59332	
(20%Imax) 11.1866	
(30%Imax) 16.78	
(40%Imax) 22.3733	
(50%Imax) 27.9666	
(60%Imax) 33.5599	
(70%Imax) 39.1532	
(80%Imax) 44.7465	
(90%Imax) 50.3399	



(10%Emax)	0.3485163	—
(20%Emax)	0.6970313	—
(30%Emax)	1.04555	—
(40%Emax)	1.394069	—
(50%Emax)	1.742581	—
(60%Emax)	2.0911	—
(70%Emax)	2.439612	—
(80%Emax)	2.788131	—
(90%Emax)	3.13665	—



Luminance Table

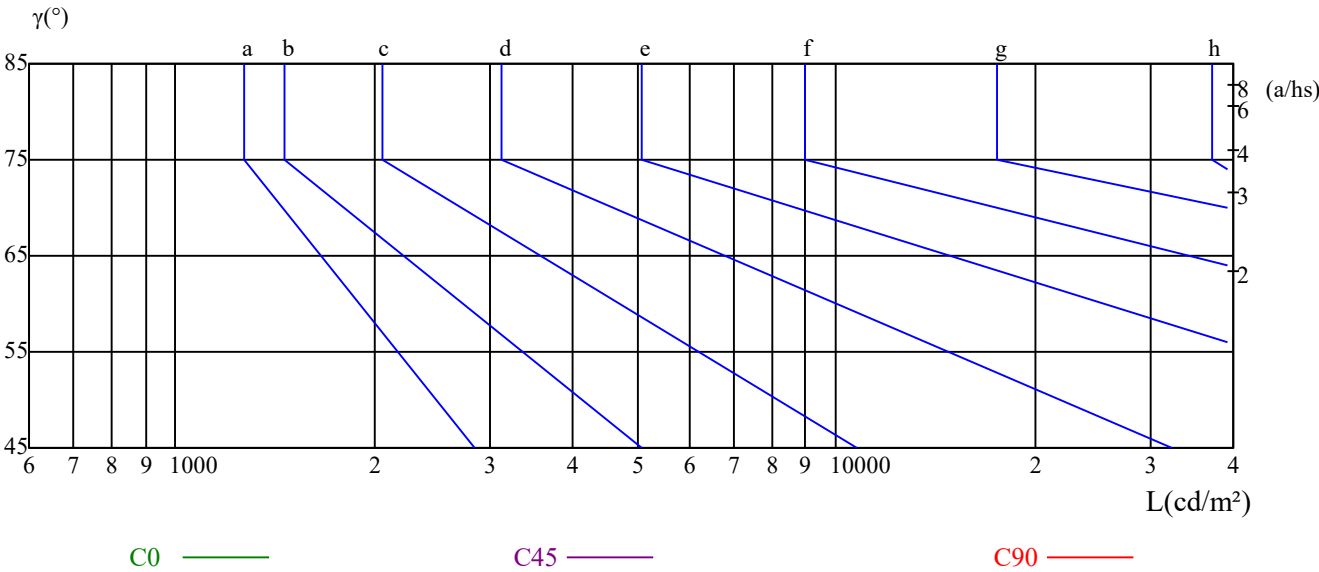
γ	45	50	55	60	65	70	75	80	85
C0	161	118	99	114	112	111	73	55	0
C45	255	147	116	114	90	83	73	55	0
C90	134	118	99	95	90	83	73	55	0

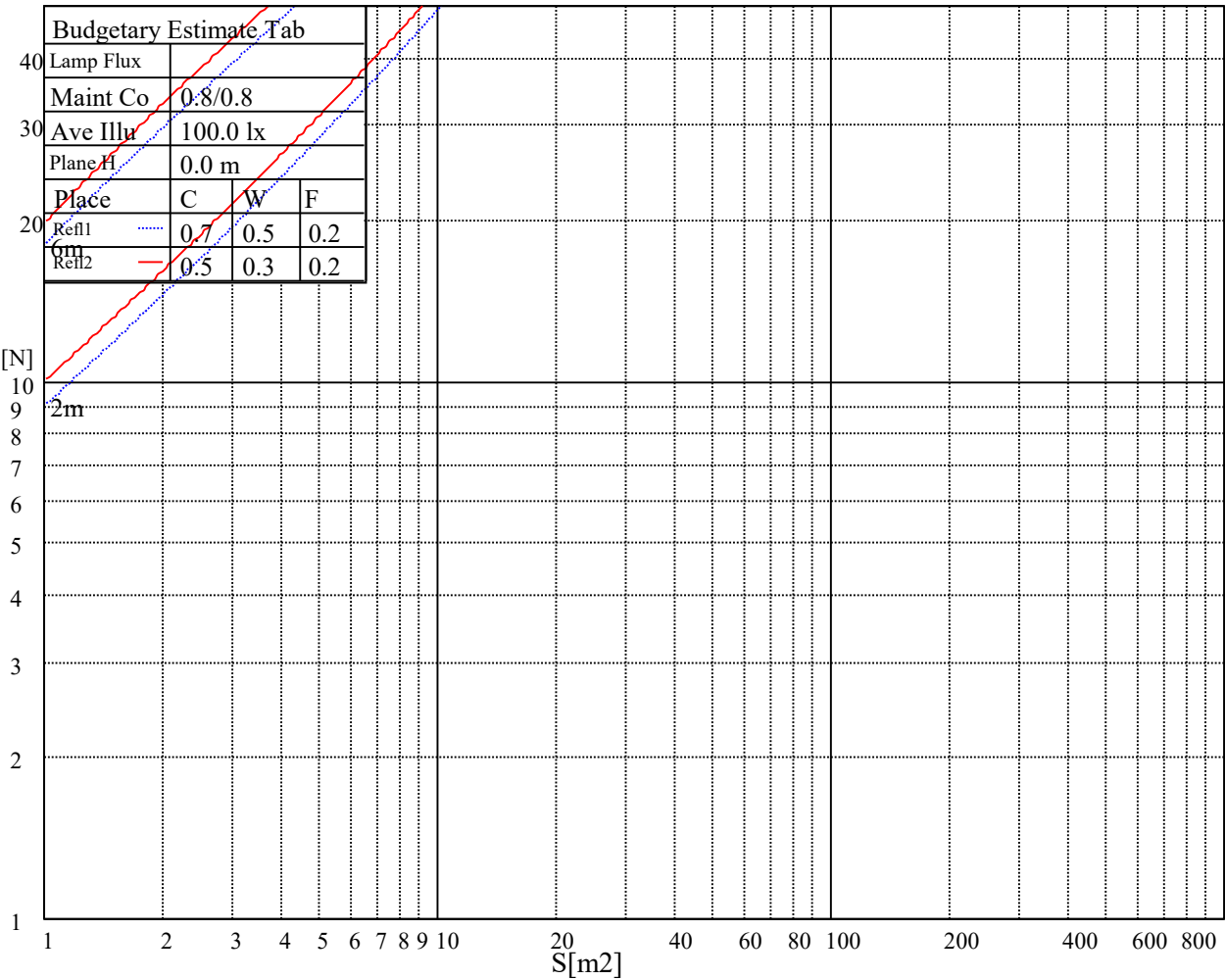
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
112	101	101	92	92	92	0	54	0

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.93
2	1.03	0.98	0.95	1.01	0.97	0.94	0.98	0.94	0.92	0.95	0.92	0.90	0.92	0.90	0.88	0.86
3	0.96	0.91	0.87	0.94	0.90	0.86	0.92	0.88	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.80
4	0.89	0.84	0.80	0.88	0.83	0.79	0.86	0.82	0.78	0.84	0.80	0.77	0.82	0.79	0.76	0.75
5	0.84	0.78	0.74	0.83	0.78	0.74	0.81	0.77	0.73	0.80	0.75	0.72	0.78	0.74	0.72	0.70
6	0.79	0.73	0.69	0.78	0.73	0.69	0.77	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.66
7	0.75	0.69	0.65	0.74	0.68	0.65	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.63	0.62
8	0.71	0.65	0.61	0.70	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.60	0.67	0.63	0.60	0.59
9	0.67	0.61	0.58	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.56
10	0.64	0.58	0.55	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.53

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 17 Total:23

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	55.76	55.66	55.39	54.57	54.16	53.20	51.98	50.61	48.70
22.5	55.76	55.80	55.66	55.66	55.25	54.43	53.89	52.66	51.29
45.0	55.76	55.66	55.25	54.98	54.16	53.20	52.11	50.48	48.98
67.5	55.76	55.80	55.66	55.52	54.98	54.30	53.34	52.11	50.89
90.0	55.76	55.39	54.84	54.43	53.75	52.66	51.57	50.07	48.57
112.5	55.76	55.66	55.52	55.39	54.71	53.61	53.07	51.98	50.34
135.0	55.76	55.39	54.71	54.30	53.48	51.70	51.02	49.66	48.16
157.5	55.76	55.66	55.39	55.39	54.57	53.75	52.80	51.43	50.07
180.0	55.76	55.80	55.66	55.52	54.71	54.30	53.20	51.98	50.75
202.5	55.76	55.52	54.84	54.57	53.61	52.66	51.43	49.93	49.11
225.0	55.76	55.80	55.66	55.52	54.98	53.89	53.34	52.25	51.57
247.5	55.76	55.66	55.25	54.98	54.02	53.07	51.98	50.34	48.70
270.0	55.76	55.80	55.80	55.80	55.11	54.30	53.75	52.39	51.02
292.5	55.76	55.80	55.52	55.25	54.57	53.34	52.25	50.61	49.25
315.0	55.76	55.80	55.93	55.80	55.52	54.98	54.16	52.93	51.70
337.5	55.76	55.80	55.52	55.39	54.84	53.89	52.80	51.29	50.34
360.0	55.76	55.66	55.39	54.57	54.16	53.20	51.98	50.61	48.70
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	47.47	45.02	42.56	41.34	39.29	37.24	35.06	32.74	31.51
22.5	49.79	48.29	47.20	44.88	42.84	40.79	38.74	36.29	34.38
45.0	47.20	45.02	43.93	41.88	39.84	37.79	35.33	34.11	31.38
67.5	49.38	48.02	46.93	44.75	42.97	40.79	38.88	37.65	35.06
90.0	47.07	44.75	43.66	41.75	39.84	37.65	35.20	33.97	31.79
112.5	48.98	47.61	46.66	44.47	42.70	40.65	38.74	37.52	35.20
135.0	46.66	44.61	43.52	41.61	39.70	37.65	35.20	33.97	31.38
157.5	48.70	47.20	46.25	44.06	42.43	40.38	38.47	37.24	34.65
180.0	49.38	48.57	46.79	45.16	43.52	41.75	40.52	37.93	35.06
202.5	47.75	46.11	43.93	42.02	40.11	38.20	35.74	34.51	32.47
225.0	49.25	47.75	46.79	44.61	42.84	40.93	38.88	37.79	35.33
247.5	46.93	45.02	43.79	41.88	39.97	37.93	35.47	34.24	32.33
270.0	49.52	48.16	47.07	44.88	42.84	40.93	38.88	37.65	35.20
292.5	47.47	45.29	44.06	42.15	40.11	37.93	35.47	34.24	32.33
315.0	50.89	48.43	47.34	45.16	43.25	41.20	39.15	37.93	35.47
337.5	48.43	45.57	44.34	42.29	40.38	38.33	36.02	34.79	32.88
360.0	47.48	45.02	42.56	41.34	39.29	37.24	35.06	32.74	31.51
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	29.47	27.56	25.78	23.74	22.92	20.87	19.92	18.42	17.33
22.5	32.47	31.10	28.92	26.88	25.24	23.46	22.51	20.87	19.51
45.0	29.19	28.10	26.47	24.83	23.19	21.28	20.33	18.83	17.46
67.5	32.33	31.10	28.51	27.83	24.97	23.19	22.24	20.46	19.10
90.0	29.74	27.69	25.37	23.74	22.24	20.46	19.64	18.28	17.19
112.5	33.15	31.10	28.65	26.74	25.65	23.19	22.24	20.46	19.10
135.0	30.15	27.97	26.06	24.42	22.92	21.01	20.05	18.55	17.19
157.5	31.92	30.70	28.38	26.33	24.56	22.92	22.10	20.33	18.96
180.0	33.83	31.38	29.33	27.28	25.51	24.42	22.51	21.01	19.64
202.5	30.56	28.65	26.60	24.42	23.46	21.83	20.33	18.55	17.33
225.0	33.29	31.38	29.47	27.28	25.51	23.87	22.92	21.15	19.51
247.5	30.29	27.97	26.06	24.97	22.65	20.74	19.92	18.55	17.46
270.0	33.15	31.10	28.65	26.74	24.97	23.33	22.37	20.74	19.37
292.5	30.42	28.10	26.19	25.24	22.78	21.01	20.19	18.83	17.60
315.0	33.42	31.65	29.74	28.65	25.78	24.15	23.19	21.42	20.05
337.5	30.83	28.92	26.60	25.51	23.06	21.15	20.60	19.10	17.87
360.0	29.47	27.56	25.78	23.74	22.92	20.87	19.92	18.42	17.33

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 18 Total:23

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	16.10	15.01	13.78	13.10	11.87	10.78	9.69	8.32	7.50
22.5	18.14	16.78	16.37	15.01	13.64	13.10	11.87	11.05	10.10
45.0	16.23	14.87	14.19	13.37	12.55	11.60	10.91	10.10	9.55
67.5	17.87	16.64	16.10	14.73	13.64	12.69	11.32	10.37	9.41
90.0	15.96	14.46	13.78	12.69	11.60	10.37	8.87	8.05	6.28
112.5	17.87	16.51	15.82	14.60	13.64	12.55	11.60	10.50	9.55
135.0	15.96	14.60	14.05	12.69	11.73	11.46	10.64	9.96	9.28
157.5	17.60	16.51	15.82	14.60	13.64	12.55	11.32	10.37	9.41
180.0	18.01	17.46	16.10	15.01	13.78	12.41	11.32	10.10	8.87
202.5	16.23	15.14	13.92	13.37	12.28	11.32	10.23	9.14	8.59
225.0	18.01	16.78	16.10	14.73	13.78	12.96	12.14	11.60	10.37
247.5	16.23	14.87	14.32	13.37	12.28	11.32	10.23	9.28	8.32
270.0	18.01	16.92	16.23	14.87	13.37	12.82	11.46	10.37	9.14
292.5	16.51	15.14	14.60	13.64	12.69	11.87	10.64	9.69	8.87
315.0	18.69	17.33	16.51	15.14	14.05	13.23	12.28	11.87	10.91
337.5	16.78	15.55	14.87	14.05	12.96	12.01	10.78	10.23	9.28
360.0	16.10	15.01	13.78	13.10	11.87	10.78	9.69	8.32	7.50
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	5.73	4.37	3.68	2.86	2.46	2.18	1.91	1.91	1.77
22.5	9.14	8.46	7.37	6.28	5.32	4.37	3.27	2.86	2.32
45.0	8.59	8.19	7.50	6.96	6.28	5.32	4.91	3.82	3.00
67.5	8.19	7.64	6.41	5.46	4.37	3.41	3.00	2.32	2.05
90.0	4.77	4.23	3.14	2.59	2.32	2.05	1.91	1.77	1.50
112.5	8.46	7.91	6.68	5.73	4.64	3.68	3.14	2.46	2.18
135.0	8.46	8.05	7.23	6.68	5.87	5.05	4.64	3.82	2.73
157.5	8.32	7.64	6.41	5.32	4.37	3.41	3.00	2.32	2.05
180.0	8.19	6.68	5.46	4.23	3.27	2.86	2.18	2.18	2.05
202.5	7.64	6.14	5.73	4.64	3.68	3.00	2.46	2.18	2.05
225.0	9.82	9.41	8.73	7.91	7.37	6.68	6.28	5.46	4.77
247.5	7.23	6.68	5.73	4.64	3.68	2.86	2.59	2.32	2.05
270.0	8.05	7.37	5.87	4.64	3.68	2.86	2.73	2.32	2.05
292.5	7.64	7.09	6.14	5.18	4.23	3.27	2.86	2.46	2.18
315.0	10.10	9.69	9.00	8.32	7.50	7.09	6.68	5.87	5.18
337.5	7.78	7.09	6.14	5.18	4.09	3.00	2.73	2.32	2.05
360.0	5.73	4.37	3.68	2.86	2.46	2.18	1.91	1.91	1.77
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	1.64	1.50	1.36	1.36	1.23	1.09	1.09	0.95	0.95
22.5	2.18	1.91	1.77	1.50	1.36	1.36	1.23	1.23	1.09
45.0	2.59	2.18	1.77	1.50	1.36	1.36	1.23	1.23	1.09
67.5	1.91	1.64	1.64	1.36	1.36	1.23	1.23	1.09	1.09
90.0	1.36	1.36	1.23	1.23	1.09	1.09	0.95	0.95	0.95
112.5	1.91	1.77	1.64	1.36	1.36	1.36	1.23	1.09	1.09
135.0	2.46	1.91	1.64	1.50	1.36	1.23	1.23	1.09	0.95
157.5	2.05	1.64	1.64	1.36	1.36	1.23	1.23	1.09	1.09
180.0	1.77	1.64	1.50	1.36	1.36	1.23	1.23	1.09	1.09
202.5	1.91	1.64	1.50	1.36	1.36	1.23	1.23	1.09	1.09
225.0	3.96	3.14	2.86	2.05	1.77	1.64	1.50	1.36	1.23
247.5	1.77	1.64	1.50	1.36	1.36	1.23	1.23	1.23	1.09
270.0	1.91	1.77	1.64	1.50	1.36	1.36	1.23	1.09	1.09
292.5	1.91	1.77	1.64	1.50	1.36	1.23	1.23	1.23	1.09
315.0	4.50	3.82	3.00	2.32	1.91	1.77	1.64	1.50	1.36
337.5	1.91	1.64	1.64	1.36	1.36	1.23	1.23	1.23	1.09
360.0	1.64	1.50	1.36	1.36	1.23	1.09	1.09	0.95	0.95

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	0.95	0.82	0.95	0.82	0.82	0.82	0.82	0.68	0.68
22.5	1.09	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.68
45.0	0.95	0.95	0.95	0.82	0.82	0.68	0.82	0.68	0.68
67.5	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.68	0.68
90.0	0.82	0.82	0.82	0.82	0.68	0.68	0.68	0.68	0.68
112.5	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.82	0.82
135.0	0.95	0.95	0.95	0.82	0.82	0.82	0.68	0.68	0.68
157.5	0.95	0.95	0.82	0.95	0.82	0.82	0.82	0.82	0.82
180.0	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.82	0.82
202.5	1.09	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.68
225.0	1.23	1.09	1.09	0.95	0.95	0.95	0.82	0.82	0.82
247.5	0.95	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.82
270.0	1.09	0.95	0.95	0.95	0.95	0.82	0.82	0.82	0.68
292.5	1.09	0.95	0.95	0.95	0.95	0.82	0.82	0.82	0.68
315.0	1.36	1.23	1.09	1.09	0.95	0.95	0.95	0.82	0.82
337.5	1.09	0.95	0.95	0.95	0.82	0.82	0.82	0.82	0.82
360.0	0.95	0.82	0.95	0.82	0.82	0.82	0.82	0.68	0.68
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55	0.41
22.5	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
45.0	0.68	0.68	0.55	0.55	0.55	0.55	0.55	0.41	0.41
67.5	0.68	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.41
90.0	0.68	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41
112.5	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
135.0	0.68	0.55	0.55	0.55	0.55	0.55	0.55	0.41	0.41
157.5	0.82	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
180.0	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.41
202.5	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55	0.41
225.0	0.82	0.68	0.68	0.68	0.68	0.68	0.55	0.55	0.55
247.5	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
270.0	0.82	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55
292.5	0.82	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
315.0	0.82	0.82	0.68	0.68	0.68	0.68	0.55	0.55	0.55
337.5	0.68	0.68	0.68	0.68	0.68	0.55	0.55	0.55	0.55
360.0	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55	0.41
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14	0.14
22.5	0.41	0.41	0.41	0.41	0.27	0.41	0.27	0.27	0.27
45.0	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14
67.5	0.41	0.41	0.41	0.27	0.41	0.27	0.27	0.27	0.27
90.0	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.14	0.14
112.5	0.55	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14
135.0	0.41	0.41	0.27	0.27	0.27	0.27	0.14	0.14	0.14
157.5	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.14
180.0	0.41	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.14
202.5	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.14
225.0	0.41	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.14
247.5	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.14
270.0	0.41	0.55	0.41	0.41	0.41	0.41	0.41	0.27	0.27
292.5	0.55	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.27
315.0	0.55	0.55	0.41	0.41	0.41	0.41	0.27	0.27	0.27
337.5	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.27
360.0	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14	0.14

Intensity data(cd)

Appendix Page: 20 Total:23

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

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 21 Total:23

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 22 Total:23

C/ $\gamma(^{\circ})$	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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/ $\gamma(^{\circ})$	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
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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/ $\gamma(^{\circ})$	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	0.14	0.00
22.5	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
67.5	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
112.5	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
157.5	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
202.5	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
247.5	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
292.5	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
337.5	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	0.14	0.00

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 23 Total:23

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
22.5	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	0.14
67.5	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
112.5	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
157.5	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
202.5	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
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	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
337.5	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	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00
22.5	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	0.14
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.14	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
157.5	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	0.14	0.00	0.00	0.00	0.14
202.5	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00	0.00
292.5	0.14	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
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00
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								