



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-RDLRE4Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111307-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.015

Lamp flux(lm)

Power (W): 1.453

Number of Lamps: 1

PF: 0.797

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 37.14, Luminous Efficacy(lm/W): 25.56

Central intensity(cd): 61.53, Maximum intensity(cd): 61.80

Angle of maximum intensity: C=180.0 γ =1.0

Beam Angle(50%Imax): [C0/180]Total=38.7

[C90/270]Total=38.0

Field angle(10%Imax): [C0/180]Total=82.6

[C90/270]Total=82.9

Maximum s/h(1/2): C0_180=0.67 C90_270=0.56

Maximum s/h(1/4): C0_180=0.71 C90_270=0.64

Up flux rate of LUM(%): 0.04%

Down flux rate of LUM(%): 99.96%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.800%

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

Date: 2024-11-13
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	61.527	0.000	0.000	0.000%	0.000%
1.0	61.509	0.059	0.059	0.159%	0.159%
2.0	61.228	0.176	0.235	0.474%	0.633%
3.0	60.691	0.292	0.527	0.785%	1.418%
4.0	60.111	0.404	0.931	1.089%	2.507%
5.0	59.293	0.514	1.445	1.383%	3.890%
6.0	58.022	0.617	2.061	1.660%	5.550%
7.0	56.641	0.712	2.773	1.916%	7.467%
8.0	54.816	0.798	3.571	2.148%	9.615%
9.0	53.307	0.876	4.447	2.360%	11.974%
10.0	51.619	0.950	5.396	2.557%	14.531%
11.0	48.993	1.005	6.402	2.707%	17.238%
12.0	46.776	1.047	7.449	2.819%	20.057%
13.0	44.465	1.083	8.531	2.916%	22.973%
14.0	42.180	1.109	9.640	2.986%	25.959%
15.0	39.648	1.123	10.764	3.025%	28.984%
16.0	36.996	1.123	11.887	3.024%	32.008%
17.0	35.154	1.124	13.010	3.026%	35.034%
18.0	33.441	1.131	14.141	3.045%	38.079%
19.0	31.249	1.125	15.267	3.031%	41.110%
20.0	29.271	1.108	16.375	2.983%	44.093%
21.0	27.259	1.085	17.460	2.923%	47.016%
22.0	25.852	1.067	18.527	2.874%	49.890%
23.0	24.317	1.053	19.580	2.835%	52.724%
24.0	22.706	1.028	20.608	2.768%	55.493%
25.0	21.128	0.997	21.605	2.684%	58.176%
26.0	19.781	0.966	22.571	2.600%	60.777%
27.0	18.477	0.936	23.506	2.520%	63.297%
28.0	17.232	0.904	24.411	2.434%	65.732%
29.0	15.970	0.869	25.279	2.339%	68.071%
30.0	15.024	0.837	26.116	2.253%	70.324%
31.0	14.205	0.813	26.929	2.190%	72.514%
32.0	13.156	0.784	27.713	2.111%	74.625%
33.0	12.227	0.748	28.461	2.014%	76.639%
34.0	11.417	0.716	29.177	1.927%	78.565%
35.0	10.803	0.690	29.867	1.858%	80.423%
36.0	10.198	0.669	30.535	1.801%	82.224%
37.0	9.413	0.640	31.175	1.722%	83.946%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	8.723	0.605	31.780	1.630%	85.576%
39.0	8.066	0.573	32.353	1.543%	87.119%
40.0	7.392	0.539	32.892	1.452%	88.571%
41.0	6.557	0.497	33.389	1.338%	89.909%
42.0	5.517	0.439	33.828	1.181%	91.090%
43.0	4.707	0.379	34.207	1.020%	92.110%
44.0	3.922	0.326	34.532	0.877%	92.986%
45.0	2.950	0.264	34.796	0.711%	93.698%
46.0	2.285	0.205	35.001	0.551%	94.249%
47.0	1.850	0.164	35.165	0.443%	94.692%
48.0	1.646	0.141	35.307	0.381%	95.072%
49.0	1.492	0.129	35.436	0.347%	95.419%
50.0	1.296	0.116	35.552	0.313%	95.732%
51.0	1.160	0.104	35.656	0.280%	96.012%
52.0	1.066	0.095	35.751	0.257%	96.269%
53.0	0.989	0.089	35.841	0.241%	96.510%
54.0	0.895	0.083	35.924	0.224%	96.734%
55.0	0.827	0.077	36.001	0.207%	96.941%
56.0	0.793	0.073	36.074	0.197%	97.138%
57.0	0.708	0.069	36.142	0.185%	97.323%
58.0	0.674	0.064	36.206	0.172%	97.495%
59.0	0.588	0.059	36.265	0.159%	97.653%
60.0	0.563	0.054	36.320	0.146%	97.800%
61.0	0.554	0.053	36.373	0.144%	97.943%
62.0	0.537	0.053	36.426	0.142%	98.085%
63.0	0.537	0.052	36.478	0.141%	98.226%
64.0	0.512	0.051	36.529	0.139%	98.364%
65.0	0.477	0.049	36.578	0.132%	98.496%
66.0	0.460	0.047	36.625	0.126%	98.622%
67.0	0.435	0.045	36.670	0.121%	98.743%
68.0	0.409	0.043	36.713	0.115%	98.858%
69.0	0.409	0.042	36.755	0.112%	98.971%
70.0	0.401	0.042	36.796	0.112%	99.083%
71.0	0.358	0.039	36.835	0.106%	99.188%
72.0	0.307	0.035	36.870	0.093%	99.282%
73.0	0.315	0.033	36.903	0.088%	99.369%
74.0	0.290	0.032	36.934	0.086%	99.455%
75.0	0.264	0.029	36.964	0.079%	99.534%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.273	0.029	36.992	0.077%	99.611%
77.0	0.213	0.026	37.018	0.070%	99.680%
78.0	0.205	0.022	37.040	0.060%	99.741%
79.0	0.136	0.018	37.059	0.049%	99.790%
80.0	0.136	0.015	37.073	0.040%	99.830%
81.0	0.136	0.015	37.088	0.040%	99.869%
82.0	0.085	0.012	37.100	0.032%	99.902%
83.0	0.094	0.010	37.110	0.026%	99.928%
84.0	0.034	0.007	37.117	0.019%	99.947%
85.0	0.026	0.003	37.120	0.009%	99.955%
86.0	0.000	0.001	37.122	0.004%	99.959%
87.0	0.009	0.000	37.122	0.001%	99.960%
88.0	0.000	0.000	37.123	0.001%	99.962%
89.0	0.000	0.000	37.123	0.000%	99.962%
90.0	0.000	0.000	37.123	0.000%	99.962%
91.0	0.000	0.000	37.123	0.000%	99.962%
92.0	0.000	0.000	37.123	0.000%	99.962%
93.0	0.000	0.000	37.123	0.000%	99.962%
94.0	0.000	0.000	37.123	0.000%	99.962%
95.0	0.000	0.000	37.123	0.000%	99.962%
96.0	0.000	0.000	37.123	0.000%	99.962%
97.0	0.000	0.000	37.123	0.000%	99.962%
98.0	0.000	0.000	37.123	0.000%	99.962%
99.0	0.000	0.000	37.123	0.000%	99.962%
100.0	0.000	0.000	37.123	0.000%	99.962%
101.0	0.000	0.000	37.123	0.000%	99.962%
102.0	0.000	0.000	37.123	0.000%	99.962%
103.0	0.000	0.000	37.123	0.000%	99.962%
104.0	0.000	0.000	37.123	0.000%	99.962%
105.0	0.000	0.000	37.123	0.000%	99.962%
106.0	0.000	0.000	37.123	0.000%	99.962%
107.0	0.000	0.000	37.123	0.000%	99.962%
108.0	0.000	0.000	37.123	0.000%	99.962%
109.0	0.000	0.000	37.123	0.000%	99.962%
110.0	0.000	0.000	37.123	0.000%	99.962%
111.0	0.000	0.000	37.123	0.000%	99.962%
112.0	0.000	0.000	37.123	0.000%	99.962%
113.0	0.000	0.000	37.123	0.000%	99.962%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	37.123	0.000%	99.962%
115.0	0.000	0.000	37.123	0.000%	99.962%
116.0	0.000	0.000	37.123	0.000%	99.962%
117.0	0.000	0.000	37.123	0.000%	99.962%
118.0	0.000	0.000	37.123	0.000%	99.962%
119.0	0.000	0.000	37.123	0.000%	99.962%
120.0	0.000	0.000	37.123	0.000%	99.962%
121.0	0.000	0.000	37.123	0.000%	99.962%
122.0	0.000	0.000	37.123	0.000%	99.962%
123.0	0.000	0.000	37.123	0.000%	99.962%
124.0	0.000	0.000	37.123	0.000%	99.962%
125.0	0.000	0.000	37.123	0.000%	99.962%
126.0	0.000	0.000	37.123	0.000%	99.962%
127.0	0.000	0.000	37.123	0.000%	99.962%
128.0	0.000	0.000	37.123	0.000%	99.962%
129.0	0.000	0.000	37.123	0.000%	99.962%
130.0	0.000	0.000	37.123	0.000%	99.962%
131.0	0.000	0.000	37.123	0.000%	99.962%
132.0	0.000	0.000	37.123	0.000%	99.962%
133.0	0.000	0.000	37.123	0.000%	99.962%
134.0	0.000	0.000	37.123	0.000%	99.962%
135.0	0.000	0.000	37.123	0.000%	99.962%
136.0	0.000	0.000	37.123	0.000%	99.962%
137.0	0.000	0.000	37.123	0.000%	99.962%
138.0	0.000	0.000	37.123	0.000%	99.962%
139.0	0.000	0.000	37.123	0.000%	99.962%
140.0	0.000	0.000	37.123	0.000%	99.962%
141.0	0.000	0.000	37.123	0.000%	99.962%
142.0	0.000	0.000	37.123	0.000%	99.962%
143.0	0.009	0.000	37.123	0.001%	99.962%
144.0	0.009	0.001	37.123	0.001%	99.964%
145.0	0.000	0.000	37.124	0.001%	99.965%
146.0	0.000	0.000	37.124	0.000%	99.965%
147.0	0.000	0.000	37.124	0.000%	99.965%
148.0	0.000	0.000	37.124	0.000%	99.965%
149.0	0.000	0.000	37.124	0.000%	99.965%
150.0	0.000	0.000	37.124	0.000%	99.965%
151.0	0.009	0.000	37.124	0.001%	99.965%

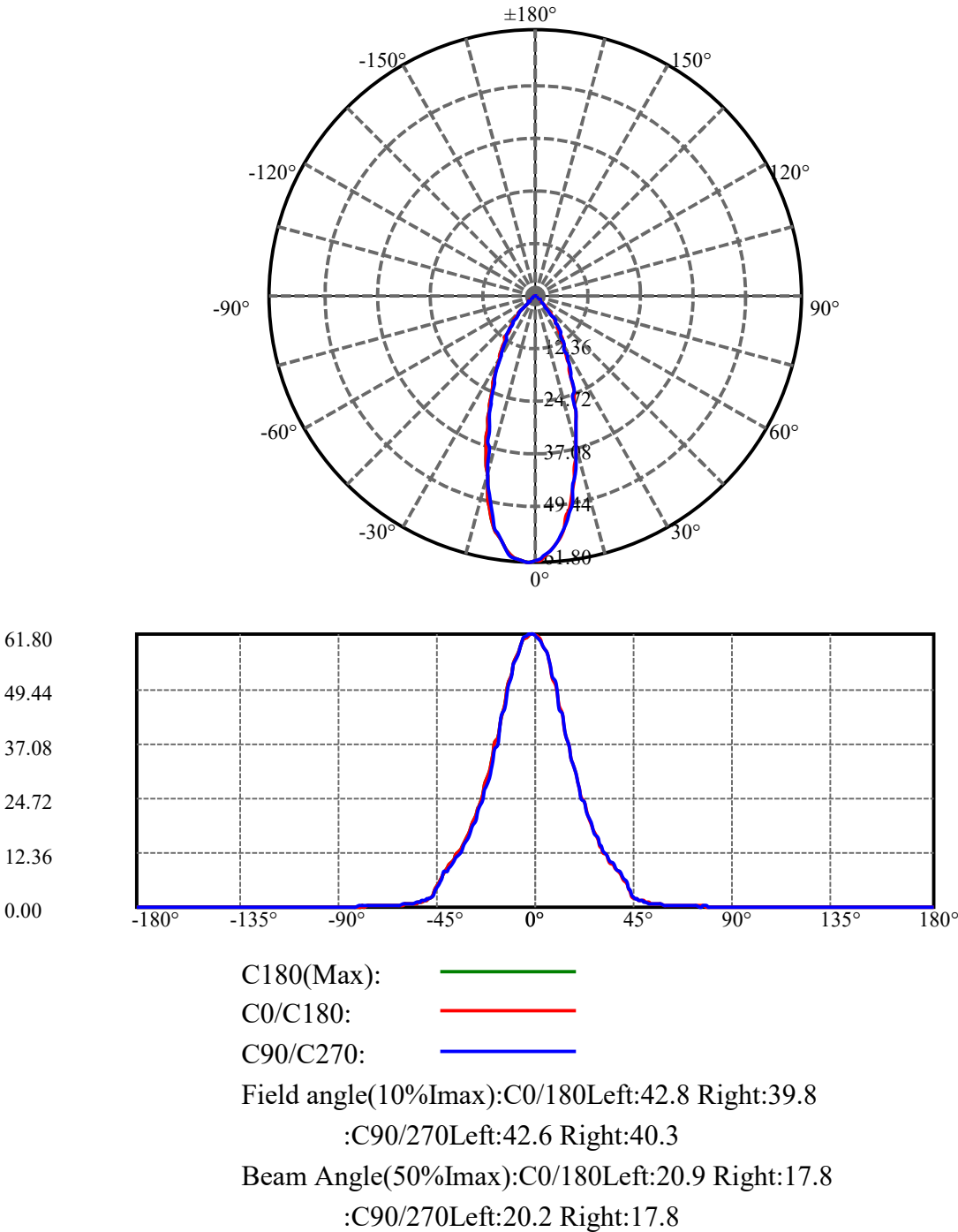
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	37.124	0.001%	99.966%
153.0	0.009	0.000	37.124	0.001%	99.966%
154.0	0.000	0.000	37.125	0.001%	99.967%
155.0	0.009	0.000	37.125	0.001%	99.968%
156.0	0.000	0.000	37.125	0.001%	99.968%
157.0	0.026	0.001	37.125	0.002%	99.970%
158.0	0.017	0.001	37.126	0.002%	99.972%
159.0	0.009	0.001	37.127	0.001%	99.973%
160.0	0.017	0.000	37.127	0.001%	99.975%
161.0	0.017	0.001	37.128	0.002%	99.976%
162.0	0.009	0.000	37.128	0.001%	99.978%
163.0	0.009	0.000	37.129	0.001%	99.978%
164.0	0.017	0.000	37.129	0.001%	99.979%
165.0	0.026	0.001	37.130	0.002%	99.981%
166.0	0.017	0.001	37.130	0.002%	99.983%
167.0	0.034	0.001	37.131	0.002%	99.984%
168.0	0.051	0.001	37.132	0.003%	99.987%
169.0	0.043	0.001	37.133	0.003%	99.990%
170.0	0.017	0.001	37.134	0.002%	99.992%
171.0	0.034	0.000	37.134	0.001%	99.993%
172.0	0.043	0.001	37.135	0.002%	99.994%
173.0	0.026	0.000	37.135	0.001%	99.996%
174.0	0.051	0.000	37.136	0.001%	99.997%
175.0	0.000	0.000	37.136	0.001%	99.998%
176.0	0.034	0.000	37.136	0.000%	99.998%
177.0	0.043	0.000	37.136	0.001%	99.999%
178.0	0.060	0.000	37.137	0.001%	100.000%
179.0	0.051	0.000	37.137	0.000%	100.000%
180.0	0.000	0.000	37.137	0.000%	100.000%

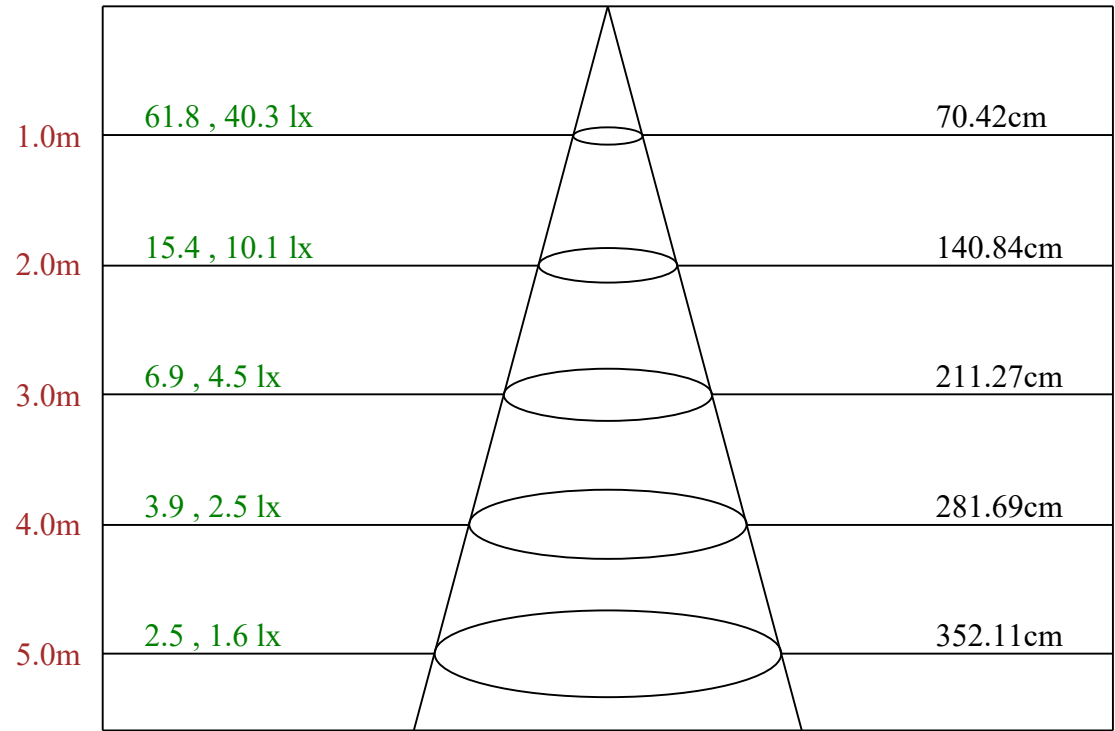
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	26.12	70.32%
0-40	32.89	88.57%
0-60	36.32	97.80%
0-90	37.12	99.96%
0-120	37.12	99.96%
0-180	37.14	100.00%
60-90	0.80	2.16%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.01	0.04%
0-34.77	29.71	80.00%

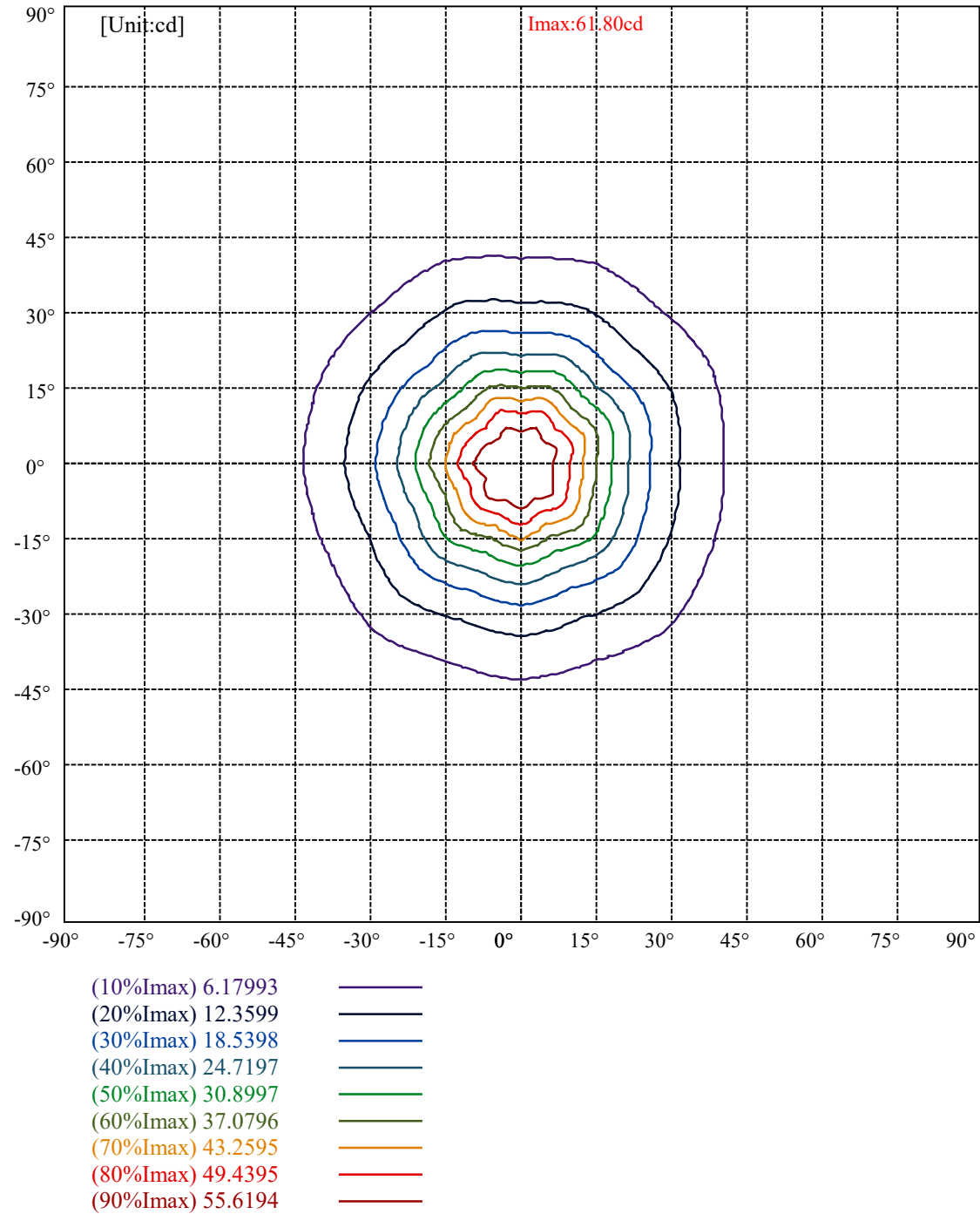
ZONAL LUMEN SUMMARY

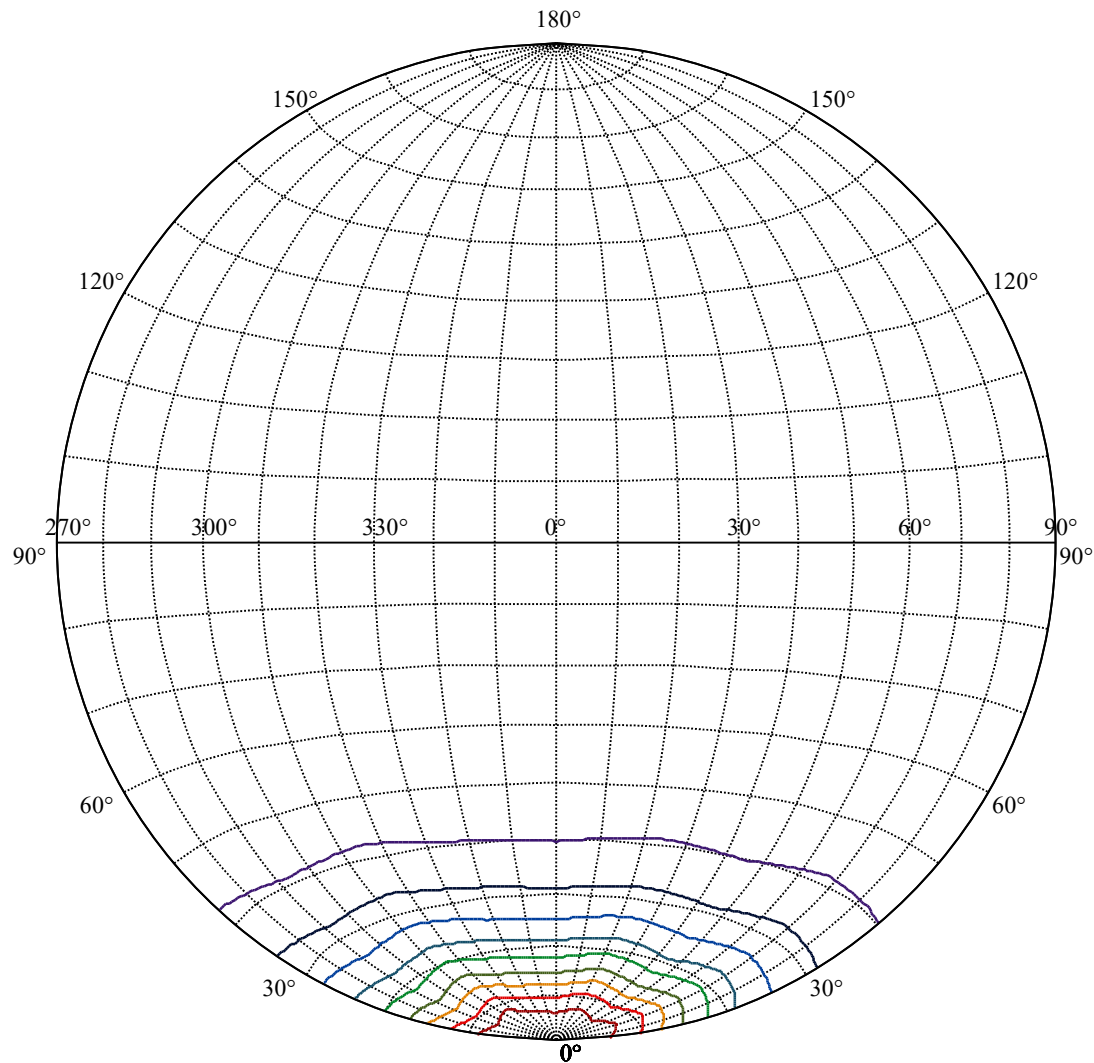
0-10	5.40
10-20	10.98
20-30	9.74
30-40	6.78
40-50	2.66
50-60	0.77
60-70	0.48
70-80	0.28
80-90	0.05
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.01
170-180	0.00





Max , Ave Beam angle of C180 plane 38.80



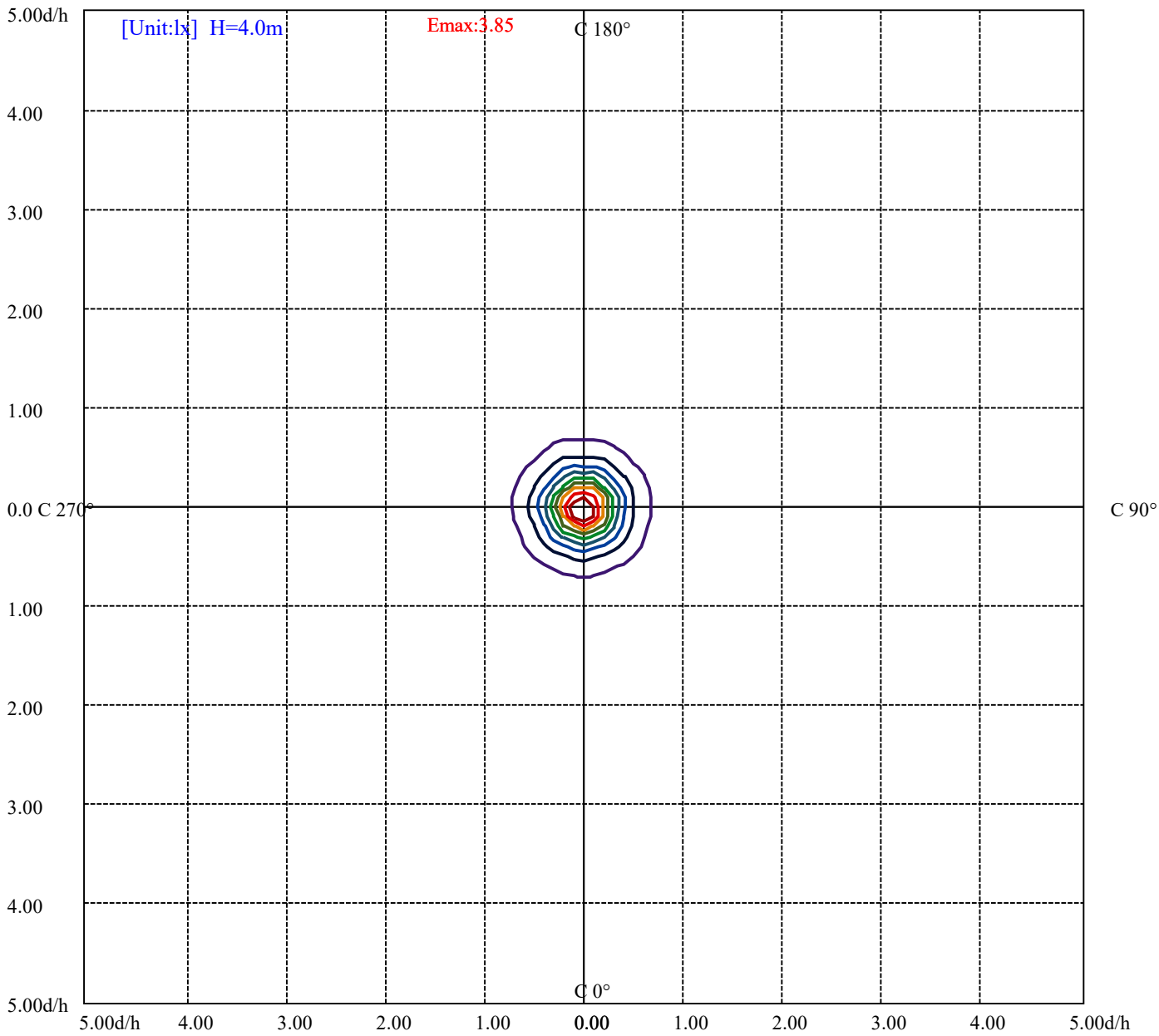











House

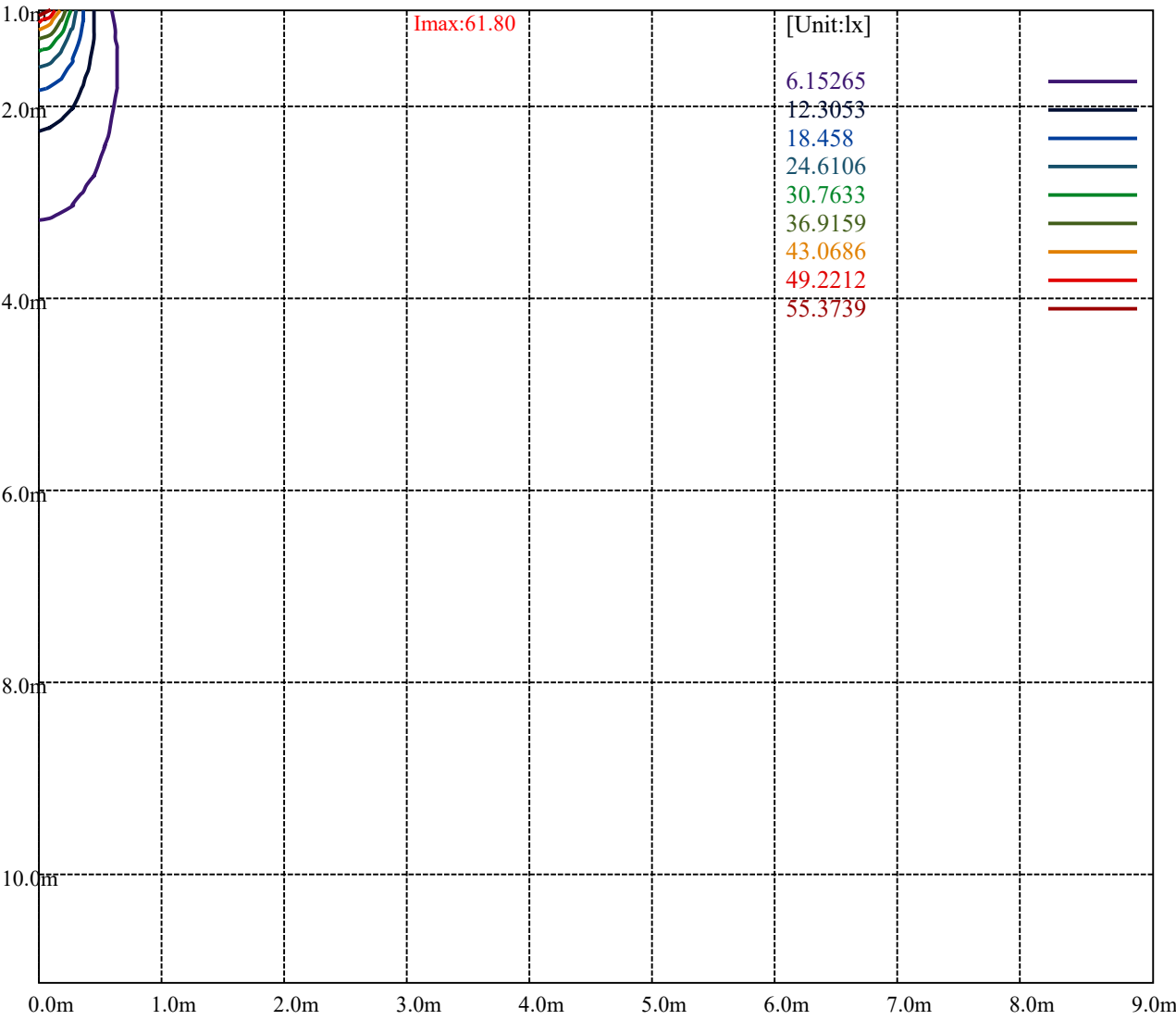
[Unit:cd]

Road

Imax:61.80	
(10%Imax) 6.17993	
(20%Imax) 12.3599	
(30%Imax) 18.5398	
(40%Imax) 24.7197	
(50%Imax) 30.8997	
(60%Imax) 37.0796	
(70%Imax) 43.2595	
(80%Imax) 49.4395	
(90%Imax) 55.6194	



(10%Emax)	0.3845406	
(20%Emax)	0.7690812	
(30%Emax)	1.153619	
(40%Emax)	1.538162	
(50%Emax)	1.9227	
(60%Emax)	2.307244	
(70%Emax)	2.691781	
(80%Emax)	3.076325	
(90%Emax)	3.460862	



Luminance Table

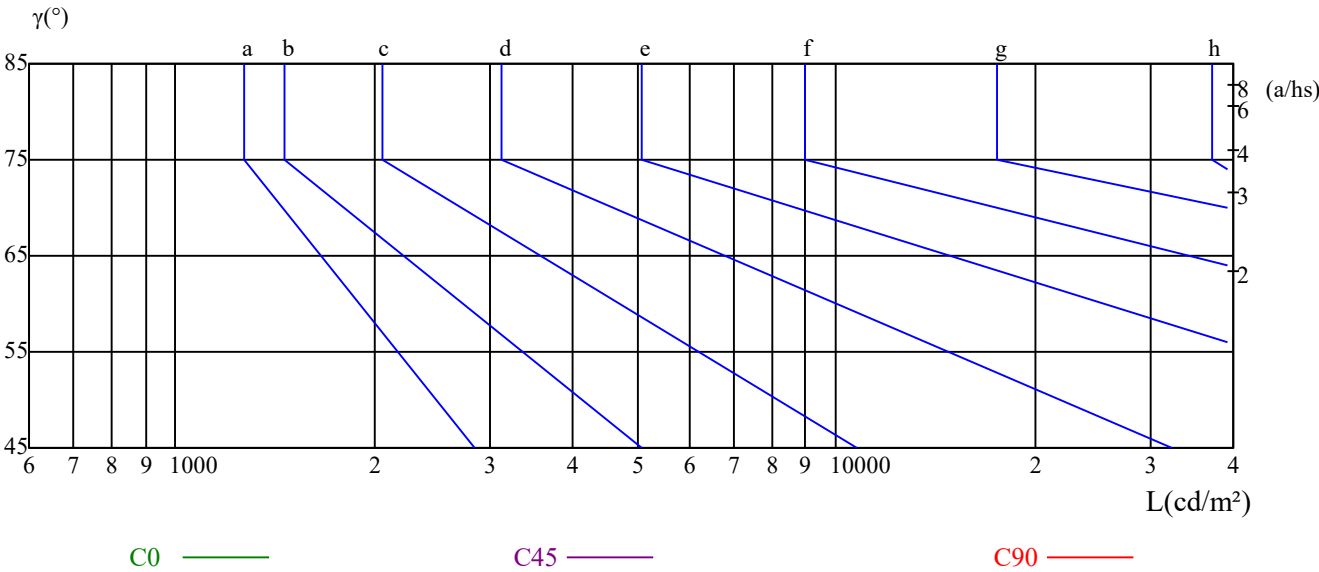
γ	45	50	55	60	65	70	75	80	85
C0	201	118	99	76	67	83	73	55	0
C45	188	133	83	76	90	83	37	55	0
C90	201	118	83	76	67	55	37	0	0

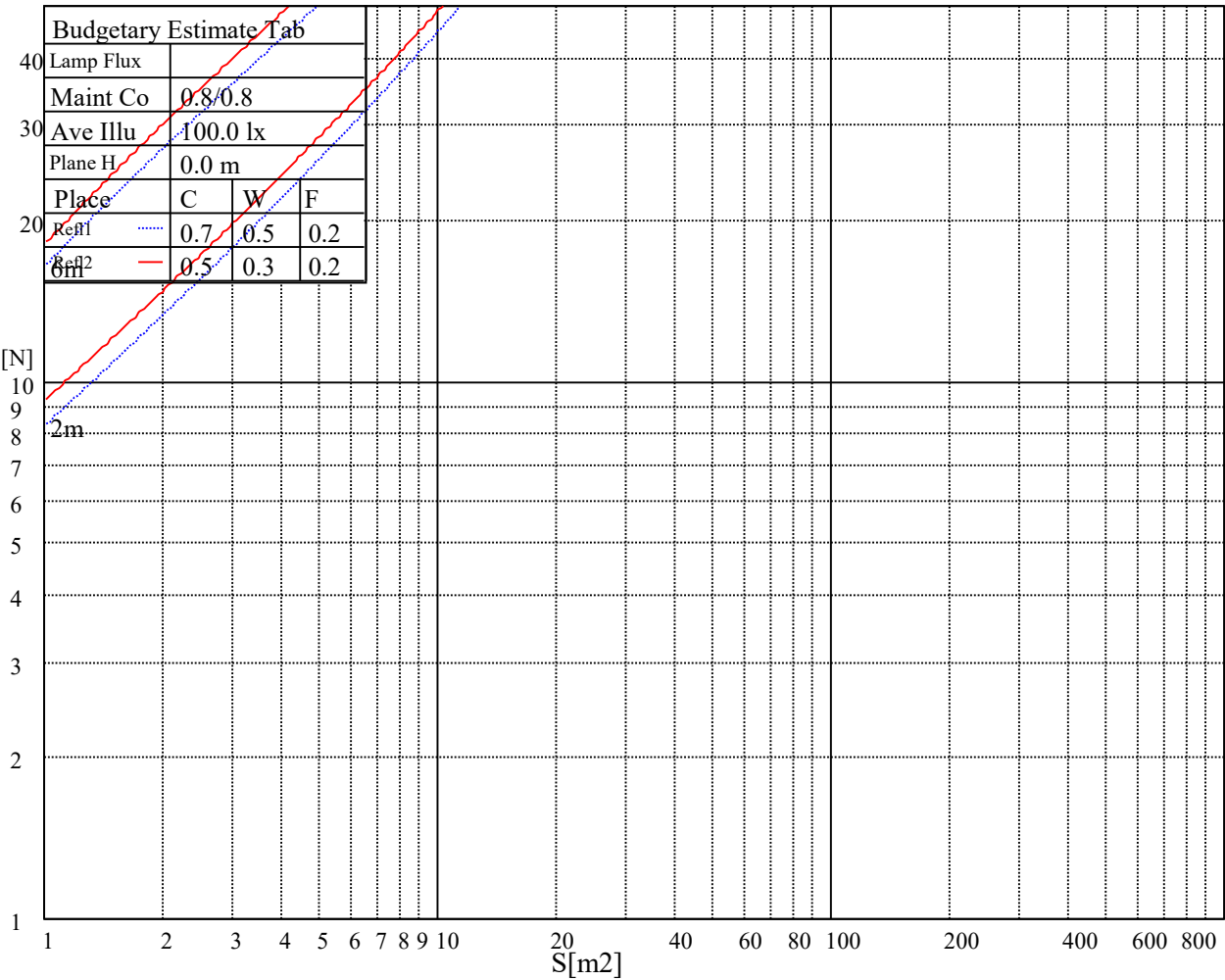
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
67	78	84	73	55	73	0	54	27

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	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.01	0.99	0.98	0.97	0.96	0.95	0.93
2	1.03	0.99	0.95	1.01	0.97	0.94	0.98	0.95	0.92	0.95	0.92	0.90	0.92	0.90	0.88	0.87
3	0.96	0.91	0.87	0.94	0.90	0.86	0.92	0.88	0.85	0.89	0.86	0.83	0.87	0.84	0.82	0.81
4	0.90	0.84	0.80	0.88	0.83	0.79	0.86	0.82	0.78	0.84	0.81	0.78	0.82	0.79	0.77	0.75
5	0.84	0.78	0.74	0.83	0.78	0.74	0.81	0.77	0.73	0.80	0.76	0.72	0.78	0.75	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	0.64	0.73	0.68	0.64	0.72	0.67	0.64	0.70	0.66	0.63	0.62
8	0.71	0.65	0.61	0.70	0.64	0.61	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.58
9	0.67	0.61	0.57	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.55
10	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.52

Intensity data(cd)

C/ γ (°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	61.53	61.39	60.57	59.48	58.66	57.43	56.07	54.30	51.70
22.5	61.53	61.66	61.25	60.84	60.16	59.62	58.12	56.62	54.98
45.0	61.53	61.12	60.44	59.34	58.66	57.16	55.66	54.16	51.84
67.5	61.53	61.53	61.12	60.71	60.03	59.48	57.98	56.75	55.25
90.0	61.53	60.98	60.30	59.34	58.80	57.43	55.93	54.43	52.39
112.5	61.53	61.53	61.39	60.71	59.89	59.48	58.12	56.75	55.25
135.0	61.53	61.25	60.84	60.03	59.34	57.84	56.34	54.71	52.52
157.5	61.53	61.53	61.53	61.12	60.57	60.16	58.80	57.71	56.21
180.0	61.53	61.80	61.66	61.39	61.12	60.71	59.75	58.66	57.43
202.5	61.53	61.53	61.39	61.12	60.44	59.34	58.39	56.89	54.84
225.0	61.53	61.66	61.66	61.53	61.39	61.12	60.16	59.21	57.98
247.5	61.53	61.66	61.53	60.98	60.57	59.62	58.39	57.02	54.84
270.0	61.53	61.80	61.66	61.66	61.25	60.98	60.03	58.66	57.30
292.5	61.53	61.53	61.39	60.71	60.30	59.21	58.12	56.62	54.30
315.0	61.53	61.66	61.66	61.39	60.84	60.71	59.48	58.39	57.16
337.5	61.53	61.53	61.25	60.71	59.75	58.39	57.02	55.39	53.07
360.0	61.53	61.39	60.57	59.48	58.66	57.43	56.07	54.30	51.70
C/ γ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	50.34	48.29	45.84	43.66	40.79	38.61	36.29	33.70	32.47
22.5	53.34	52.11	48.70	46.52	45.02	42.15	39.84	37.38	35.20
45.0	50.61	48.43	46.11	43.79	40.93	39.43	36.15	33.56	32.33
67.5	53.34	52.25	49.79	47.47	45.02	42.02	39.70	37.38	35.06
90.0	51.02	48.84	45.02	43.66	41.20	38.88	36.56	33.83	32.47
112.5	53.34	52.39	50.07	48.02	45.57	43.11	40.24	37.93	35.61
135.0	51.29	49.25	46.93	44.61	41.88	40.52	38.20	34.65	33.42
157.5	54.02	52.39	50.34	48.16	46.79	43.93	41.61	39.43	37.11
180.0	56.07	54.98	52.66	50.48	48.43	45.57	43.11	40.79	38.47
202.5	53.61	51.84	49.38	47.07	44.20	42.70	40.38	36.70	35.33
225.0	56.48	55.39	52.25	49.93	48.57	45.43	42.97	40.52	38.06
247.5	53.75	51.57	49.25	46.11	43.52	42.15	38.74	36.02	34.65
270.0	55.66	54.71	52.25	49.93	47.34	44.88	43.25	40.38	36.97
292.5	53.07	50.75	47.07	45.43	42.97	40.52	38.06	35.33	34.11
315.0	55.11	53.07	50.89	48.57	47.07	44.20	41.61	39.43	37.11
337.5	51.84	49.66	47.34	45.02	42.15	40.79	37.65	34.92	34.11
360.0	50.34	48.29	45.84	43.66	40.79	38.61	36.29	33.70	32.47
C/ γ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	30.42	28.51	26.74	24.83	23.74	22.10	20.74	18.96	17.60
22.5	33.83	31.38	29.47	27.42	25.37	23.60	22.65	20.60	19.64
45.0	30.29	28.24	26.33	24.15	23.33	21.69	20.19	18.96	17.33
67.5	33.70	31.38	29.33	27.42	25.51	24.28	22.37	21.01	19.64
90.0	30.42	28.51	26.74	24.69	23.74	21.69	20.74	19.37	17.73
112.5	34.38	31.79	29.74	27.97	26.19	25.24	23.33	21.83	20.46
135.0	31.51	29.60	27.69	25.65	24.83	23.19	21.69	20.19	18.69
157.5	35.74	33.15	31.10	29.33	27.56	26.60	23.87	22.37	21.55
180.0	37.24	34.65	32.47	30.56	28.65	27.56	25.51	23.19	22.37
202.5	33.29	32.06	29.47	27.15	26.19	24.42	22.92	21.42	19.78
225.0	36.70	34.24	32.06	30.15	28.38	27.28	25.24	23.60	22.10
247.5	32.47	30.56	28.79	26.60	25.65	24.01	22.51	21.01	19.51
270.0	35.61	33.15	31.10	29.19	27.28	26.33	24.28	22.78	21.42
292.5	32.06	29.88	28.10	25.92	24.97	22.65	21.83	20.46	18.83
315.0	35.74	33.15	31.24	29.33	27.42	25.37	23.74	22.10	21.28
337.5	31.65	29.74	27.97	25.78	24.83	23.06	21.69	20.19	18.55
360.0	30.42	28.51	26.74	24.83	23.74	22.10	20.74	18.96	17.60

SPKPL-RDLRE4Q-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	16.78	15.28	13.92	13.37	12.41	11.73	10.78	9.96	9.55
22.5	18.01	16.92	15.69	14.46	14.05	12.82	11.60	11.19	10.37
45.0	16.64	15.55	13.78	13.37	12.41	11.60	10.91	10.10	9.69
67.5	18.01	16.92	15.69	14.60	14.05	12.96	12.14	11.32	10.64
90.0	16.51	15.55	14.19	13.64	12.82	12.01	11.19	10.37	9.96
112.5	18.96	17.73	16.51	15.42	14.87	13.78	12.82	12.14	11.32
135.0	17.87	16.37	15.69	14.60	13.51	12.55	11.73	10.91	10.37
157.5	19.92	18.55	17.33	16.10	15.55	14.19	13.23	12.41	11.60
180.0	20.60	19.37	18.01	16.92	16.10	14.73	13.78	12.96	12.14
202.5	18.96	17.60	16.51	15.42	14.05	13.10	12.28	11.32	10.91
225.0	20.46	19.10	17.87	16.78	16.10	14.60	13.64	12.82	12.01
247.5	18.28	17.05	15.55	15.01	14.05	13.10	12.14	11.19	10.78
270.0	19.64	18.28	17.19	16.10	15.42	14.19	13.23	12.28	11.60
292.5	17.60	16.51	15.14	14.60	13.64	12.69	11.87	11.05	10.64
315.0	19.51	18.28	17.05	15.82	15.14	13.92	12.96	12.14	11.19
337.5	17.87	16.64	15.42	14.19	13.10	12.55	11.32	10.50	10.10
360.0	16.78	15.28	13.92	13.37	12.41	11.73	10.78	9.96	9.55
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	9.00	8.32	7.78	6.82	6.00	5.18	4.09	3.41	2.46
22.5	9.55	9.00	8.32	7.91	7.23	6.41	5.59	4.77	4.09
45.0	9.00	8.32	7.78	6.82	6.00	5.18	3.96	3.27	2.46
67.5	10.23	9.41	8.87	8.19	7.37	6.55	5.73	4.77	4.23
90.0	9.14	8.32	7.91	7.23	6.41	5.59	4.37	3.68	2.73
112.5	10.91	10.10	9.28	8.59	7.91	7.50	6.14	5.05	4.50
135.0	9.69	9.00	8.19	7.23	6.82	5.87	4.37	3.68	2.73
157.5	10.78	10.10	9.41	8.87	8.05	7.23	6.28	5.32	4.77
180.0	11.73	10.78	9.82	9.41	8.73	7.78	6.96	6.00	5.46
202.5	10.23	9.55	8.87	8.05	7.50	6.68	5.32	4.64	3.55
225.0	11.46	10.37	9.69	9.28	8.46	7.64	6.82	6.00	5.46
247.5	10.10	9.28	8.59	7.91	7.37	6.28	5.18	4.64	3.55
270.0	11.05	10.23	9.28	8.87	8.19	7.91	6.68	5.73	5.05
292.5	9.96	8.87	8.46	7.78	7.37	6.14	5.05	4.50	3.41
315.0	10.91	10.10	9.14	8.73	8.05	7.23	6.55	5.59	5.18
337.5	9.41	8.87	8.19	7.37	6.82	5.73	5.18	4.23	3.14
360.0	9.00	8.32	7.78	6.82	6.00	5.18	4.09	3.41	2.46
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	2.05	1.77	1.64	1.50	1.36	1.09	1.09	0.95	0.95
22.5	3.00	2.32	1.77	1.64	1.64	1.23	1.09	1.23	0.95
45.0	1.91	1.77	1.50	1.36	1.23	1.23	1.09	0.95	0.82
67.5	3.00	2.18	1.77	1.64	1.50	1.36	1.23	1.09	0.95
90.0	2.05	1.77	1.50	1.36	1.23	1.09	0.95	0.82	0.82
112.5	3.14	2.32	1.91	1.64	1.50	1.23	1.23	1.09	0.95
135.0	2.05	1.77	1.50	1.36	1.23	1.09	0.95	0.95	0.95
157.5	3.55	2.59	1.91	1.77	1.64	1.36	1.09	1.09	0.95
180.0	4.23	3.14	2.32	1.91	1.64	1.50	1.23	1.09	1.09
202.5	2.73	2.05	1.64	1.50	1.36	1.23	1.09	0.95	1.09
225.0	4.23	3.14	2.32	1.91	1.77	1.50	1.36	1.23	1.09
247.5	2.59	2.05	1.77	1.64	1.36	1.23	1.09	1.09	0.95
270.0	3.96	2.86	2.18	1.91	1.77	1.50	1.36	1.23	1.09
292.5	2.46	1.91	1.77	1.64	1.50	1.36	1.23	0.95	0.95
315.0	3.96	3.00	2.32	1.91	1.64	1.50	1.36	1.23	1.23
337.5	2.32	1.91	1.77	1.64	1.50	1.23	1.09	1.09	0.95
360.0	2.05	1.77	1.64	1.50	1.36	1.09	1.09	0.95	0.95

SPKPL-RDLRE4Q-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	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.55	0.55
22.5	0.95	0.95	0.82	0.68	0.82	0.55	0.55	0.55	0.55
45.0	0.82	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.55
67.5	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.55
90.0	0.82	0.68	0.68	0.68	0.55	0.55	0.55	0.55	0.41
112.5	0.95	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.55
135.0	0.82	0.68	0.68	0.55	0.55	0.55	0.55	0.55	0.55
157.5	0.82	0.82	0.82	0.68	0.68	0.68	0.55	0.55	0.55
180.0	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55
202.5	0.95	0.82	0.82	0.68	0.68	0.68	0.55	0.55	0.55
225.0	0.95	0.95	0.82	0.82	0.82	0.55	0.55	0.55	0.55
247.5	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.55
270.0	1.09	0.95	0.82	0.82	0.68	0.68	0.68	0.55	0.55
292.5	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.55
315.0	1.09	0.95	0.95	0.82	0.82	0.55	0.68	0.68	0.55
337.5	0.82	0.82	0.68	0.68	0.68	0.68	0.55	0.55	0.55
360.0	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.55	0.55
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.27
22.5	0.55	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.41
45.0	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.41	0.41
67.5	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.27
90.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.27	0.41
112.5	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.41
135.0	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.27
157.5	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.27
180.0	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.41
202.5	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.27
225.0	0.55	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.41
247.5	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41
270.0	0.55	0.55	0.55	0.55	0.55	0.41	0.41	0.41	0.41
292.5	0.55	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41
315.0	0.55	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41
337.5	0.55	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.27
360.0	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.27
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.27	0.27	0.27	0.27	0.27	0.14	0.14	0.14	0.14
22.5	0.27	0.27	0.27	0.27	0.27	0.14	0.27	0.14	0.14
45.0	0.27	0.27	0.27	0.14	0.27	0.27	0.14	0.14	0.14
67.5	0.27	0.41	0.27	0.27	0.27	0.14	0.27	0.14	0.14
90.0	0.27	0.27	0.14	0.14	0.27	0.27	0.14	0.14	0.00
112.5	0.27	0.41	0.27	0.27	0.27	0.27	0.27	0.14	0.14
135.0	0.27	0.27	0.27	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.41	0.27	0.27	0.27	0.27	0.14	0.14	0.14	0.14
180.0	0.27	0.27	0.27	0.27	0.27	0.14	0.27	0.14	0.14
202.5	0.27	0.27	0.27	0.27	0.27	0.14	0.14	0.00	0.14
225.0	0.27	0.27	0.27	0.41	0.27	0.27	0.27	0.14	0.14
247.5	0.41	0.27	0.27	0.27	0.27	0.27	0.14	0.14	0.14
270.0	0.41	0.41	0.41	0.27	0.41	0.27	0.27	0.27	0.27
292.5	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14	0.14
315.0	0.27	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.14
337.5	0.27	0.27	0.27	0.27	0.27	0.27	0.14	0.14	0.14
360.0	0.27	0.27	0.27	0.27	0.27	0.14	0.14	0.14	0.14

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

Date: 2024-11-13
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE4Q-RGBTW-WH

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.14	0.00	0.00	0.00	0.14	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	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.14	0.14	0.14	0.00	0.00	0.00	0.14	0.00	0.00
135.0	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.14	0.14	0.14	0.14	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.14	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.14	0.14	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	0.14	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
337.5	0.14	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.14	0.00	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

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

Date: 2024-11-13
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE4Q-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-RDLRE4Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 22 Total:23

C/γ(°)	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	0.14
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(°)	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	0.14	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	0.14	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(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.14	0.00	0.00	0.00	0.14	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	0.14	0.00	0.00	0.14	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	0.14	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.14	0.14	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	0.14	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
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	0.14
337.5	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00
360.0	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00

SPKPL-RDLRE4Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 23 Total:23

C/ $\gamma(^{\circ})$	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.00	0.00	0.14	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	0.14	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.00
67.5	0.00	0.00	0.00	0.00	0.14	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	0.14	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14	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	0.14	0.00	0.14
202.5	0.14	0.00	0.00	0.14	0.00	0.00	0.00	0.14	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	0.14	0.14	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
292.5	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.00	0.00
315.0	0.00	0.14	0.14	0.14	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	0.14	0.14
360.0	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.00	0.00	0.14	0.14	0.00	0.00	0.14	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
45.0	0.00	0.14	0.00	0.14	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	0.14	0.00
90.0	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
112.5	0.00	0.14	0.00	0.00	0.00	0.14	0.00	0.14	0.00
135.0	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.00	0.14
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
180.0	0.14	0.14	0.00	0.14	0.00	0.14	0.00	0.14	0.14
202.5	0.14	0.00	0.14	0.14	0.00	0.14	0.14	0.00	0.14
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14
270.0	0.00	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.00
292.5	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.14	0.00	0.00	0.00	0.14	0.00	0.00
337.5	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00
360.0	0.00	0.00	0.14	0.14	0.00	0.00	0.14	0.00	0.00
C/ $\gamma(^{\circ})$	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								