



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-RDLRE2Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111302-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.014

Lamp flux(lm)

Power (W): 1.336

Number of Lamps: 1

PF: 0.783

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 66.42, Luminous Efficacy(lm/W): 49.71

Central intensity(cd): 93.64, Maximum intensity(cd): 93.72

Angle of maximum intensity: $C=22.5$ $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=43.7

[C90/270]Total=42.8

Field angle(10%Imax): [C0/180]Total=82.2

[C90/270]Total=83.0

Maximum s/h(1/2): C0_180=0.74 C90_270=0.65

Maximum s/h(1/4): C0_180=0.77 C90_270=0.72

Up flux rate of LUM(%): 0.20%

Down flux rate of LUM(%): 99.80%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 95.975%

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	93.637	0.000	0.000	0.000%	0.000%
1.0	93.526	0.090	0.090	0.135%	0.135%
2.0	93.142	0.268	0.357	0.403%	0.538%
3.0	92.716	0.445	0.802	0.669%	1.207%
4.0	91.812	0.618	1.420	0.930%	2.137%
5.0	90.670	0.785	2.205	1.182%	3.319%
6.0	89.621	0.947	3.152	1.427%	4.746%
7.0	87.958	1.102	4.254	1.660%	6.405%
8.0	86.432	1.248	5.502	1.879%	8.285%
9.0	84.241	1.383	6.886	2.083%	10.367%
10.0	81.802	1.503	8.388	2.262%	12.630%
11.0	80.012	1.617	10.005	2.434%	15.064%
12.0	77.079	1.717	11.722	2.585%	17.649%
13.0	74.256	1.796	13.518	2.704%	20.353%
14.0	71.025	1.860	15.378	2.800%	23.153%
15.0	67.521	1.902	17.280	2.864%	26.017%
16.0	65.193	1.945	19.225	2.928%	28.945%
17.0	61.407	1.972	21.196	2.968%	31.913%
18.0	57.613	1.962	23.158	2.955%	34.868%
19.0	54.654	1.953	25.112	2.941%	37.808%
20.0	51.210	1.938	27.049	2.917%	40.726%
21.0	48.984	1.924	28.973	2.897%	43.622%
22.0	45.565	1.900	30.873	2.861%	46.483%
23.0	42.461	1.847	32.720	2.781%	49.264%
24.0	40.688	1.818	34.538	2.737%	52.001%
25.0	38.147	1.793	36.331	2.699%	54.700%
26.0	36.109	1.753	38.084	2.639%	57.339%
27.0	34.097	1.718	39.801	2.586%	59.925%
28.0	32.051	1.675	41.476	2.521%	62.446%
29.0	30.789	1.644	43.120	2.475%	64.922%
30.0	28.862	1.611	44.731	2.425%	67.347%
31.0	27.225	1.561	46.291	2.350%	69.697%
32.0	25.980	1.524	47.816	2.295%	71.992%
33.0	24.420	1.485	49.300	2.236%	74.227%
34.0	23.311	1.444	50.745	2.175%	76.402%
35.0	21.572	1.394	52.139	2.099%	78.501%
36.0	19.483	1.307	53.446	1.968%	80.469%
37.0	18.229	1.230	54.676	1.852%	82.320%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	15.893	1.139	55.815	1.715%	84.035%
39.0	13.779	1.013	56.828	1.525%	85.560%
40.0	11.801	0.892	57.720	1.343%	86.903%
41.0	9.822	0.770	58.490	1.159%	88.063%
42.0	8.561	0.668	59.158	1.006%	89.068%
43.0	6.574	0.561	59.718	0.844%	89.912%
44.0	5.014	0.437	60.156	0.658%	90.571%
45.0	4.246	0.356	60.511	0.536%	91.107%
46.0	3.632	0.308	60.820	0.464%	91.570%
47.0	3.376	0.279	61.098	0.420%	91.990%
48.0	3.129	0.263	61.361	0.396%	92.386%
49.0	2.916	0.248	61.610	0.374%	92.760%
50.0	2.788	0.238	61.847	0.358%	93.118%
51.0	2.618	0.229	62.076	0.344%	93.462%
52.0	2.439	0.217	62.293	0.327%	93.789%
53.0	2.328	0.207	62.500	0.312%	94.101%
54.0	2.174	0.198	62.699	0.299%	94.400%
55.0	2.080	0.190	62.889	0.286%	94.686%
56.0	1.970	0.183	63.072	0.276%	94.961%
57.0	1.876	0.176	63.248	0.265%	95.226%
58.0	1.816	0.171	63.418	0.257%	95.483%
59.0	1.731	0.166	63.584	0.250%	95.733%
60.0	1.680	0.161	63.745	0.243%	95.975%
61.0	1.629	0.158	63.903	0.238%	96.213%
62.0	1.569	0.154	64.057	0.232%	96.445%
63.0	1.526	0.151	64.208	0.227%	96.672%
64.0	1.475	0.147	64.355	0.222%	96.893%
65.0	1.415	0.143	64.498	0.215%	97.109%
66.0	1.381	0.140	64.638	0.210%	97.319%
67.0	1.322	0.136	64.773	0.205%	97.523%
68.0	1.236	0.130	64.903	0.195%	97.719%
69.0	1.219	0.125	65.028	0.189%	97.907%
70.0	1.160	0.122	65.151	0.184%	98.091%
71.0	1.083	0.116	65.266	0.175%	98.266%
72.0	1.015	0.109	65.375	0.164%	98.430%
73.0	0.972	0.104	65.479	0.156%	98.586%
74.0	0.921	0.100	65.579	0.150%	98.736%
75.0	0.836	0.093	65.672	0.140%	98.876%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.793	0.086	65.758	0.130%	99.006%
77.0	0.716	0.080	65.839	0.121%	99.127%
78.0	0.657	0.073	65.912	0.111%	99.238%
79.0	0.588	0.067	65.979	0.101%	99.338%
80.0	0.512	0.059	66.038	0.089%	99.428%
81.0	0.469	0.053	66.091	0.080%	99.508%
82.0	0.409	0.048	66.139	0.072%	99.579%
83.0	0.333	0.040	66.179	0.061%	99.640%
84.0	0.290	0.034	66.213	0.051%	99.691%
85.0	0.213	0.027	66.241	0.041%	99.732%
86.0	0.162	0.021	66.261	0.031%	99.763%
87.0	0.085	0.014	66.275	0.020%	99.784%
88.0	0.026	0.006	66.281	0.009%	99.793%
89.0	0.009	0.002	66.283	0.003%	99.796%
90.0	0.000	0.000	66.283	0.001%	99.796%
91.0	0.000	0.000	66.283	0.000%	99.796%
92.0	0.000	0.000	66.283	0.000%	99.796%
93.0	0.000	0.000	66.283	0.000%	99.796%
94.0	0.000	0.000	66.283	0.000%	99.796%
95.0	0.000	0.000	66.283	0.000%	99.796%
96.0	0.000	0.000	66.283	0.000%	99.796%
97.0	0.000	0.000	66.283	0.000%	99.796%
98.0	0.000	0.000	66.283	0.000%	99.796%
99.0	0.000	0.000	66.283	0.000%	99.796%
100.0	0.000	0.000	66.283	0.000%	99.796%
101.0	0.000	0.000	66.283	0.000%	99.796%
102.0	0.000	0.000	66.283	0.000%	99.796%
103.0	0.000	0.000	66.283	0.000%	99.796%
104.0	0.000	0.000	66.283	0.000%	99.796%
105.0	0.000	0.000	66.283	0.000%	99.796%
106.0	0.000	0.000	66.283	0.000%	99.796%
107.0	0.000	0.000	66.283	0.000%	99.796%
108.0	0.000	0.000	66.283	0.000%	99.796%
109.0	0.000	0.000	66.283	0.000%	99.796%
110.0	0.000	0.000	66.283	0.000%	99.796%
111.0	0.000	0.000	66.283	0.000%	99.796%
112.0	0.000	0.000	66.283	0.000%	99.796%
113.0	0.000	0.000	66.283	0.000%	99.796%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	66.283	0.000%	99.796%
115.0	0.000	0.000	66.283	0.000%	99.796%
116.0	0.000	0.000	66.283	0.000%	99.796%
117.0	0.000	0.000	66.283	0.000%	99.796%
118.0	0.000	0.000	66.283	0.000%	99.796%
119.0	0.000	0.000	66.283	0.000%	99.796%
120.0	0.000	0.000	66.283	0.000%	99.796%
121.0	0.000	0.000	66.283	0.000%	99.796%
122.0	0.000	0.000	66.283	0.000%	99.796%
123.0	0.000	0.000	66.283	0.000%	99.796%
124.0	0.000	0.000	66.283	0.000%	99.796%
125.0	0.000	0.000	66.283	0.000%	99.796%
126.0	0.000	0.000	66.283	0.000%	99.796%
127.0	0.000	0.000	66.283	0.000%	99.796%
128.0	0.000	0.000	66.283	0.000%	99.796%
129.0	0.000	0.000	66.283	0.000%	99.796%
130.0	0.000	0.000	66.283	0.000%	99.796%
131.0	0.000	0.000	66.283	0.000%	99.796%
132.0	0.000	0.000	66.283	0.000%	99.796%
133.0	0.000	0.000	66.283	0.000%	99.796%
134.0	0.000	0.000	66.283	0.000%	99.796%
135.0	0.000	0.000	66.283	0.000%	99.796%
136.0	0.000	0.000	66.283	0.000%	99.796%
137.0	0.000	0.000	66.283	0.000%	99.796%
138.0	0.000	0.000	66.283	0.000%	99.796%
139.0	0.000	0.000	66.283	0.000%	99.796%
140.0	0.026	0.001	66.284	0.001%	99.798%
141.0	0.034	0.002	66.286	0.003%	99.801%
142.0	0.017	0.002	66.288	0.003%	99.803%
143.0	0.026	0.001	66.289	0.002%	99.806%
144.0	0.026	0.002	66.291	0.003%	99.808%
145.0	0.026	0.002	66.293	0.002%	99.811%
146.0	0.068	0.003	66.295	0.004%	99.815%
147.0	0.060	0.004	66.299	0.006%	99.821%
148.0	0.060	0.004	66.303	0.005%	99.826%
149.0	0.102	0.005	66.307	0.007%	99.833%
150.0	0.077	0.005	66.312	0.008%	99.841%
151.0	0.094	0.005	66.317	0.007%	99.847%

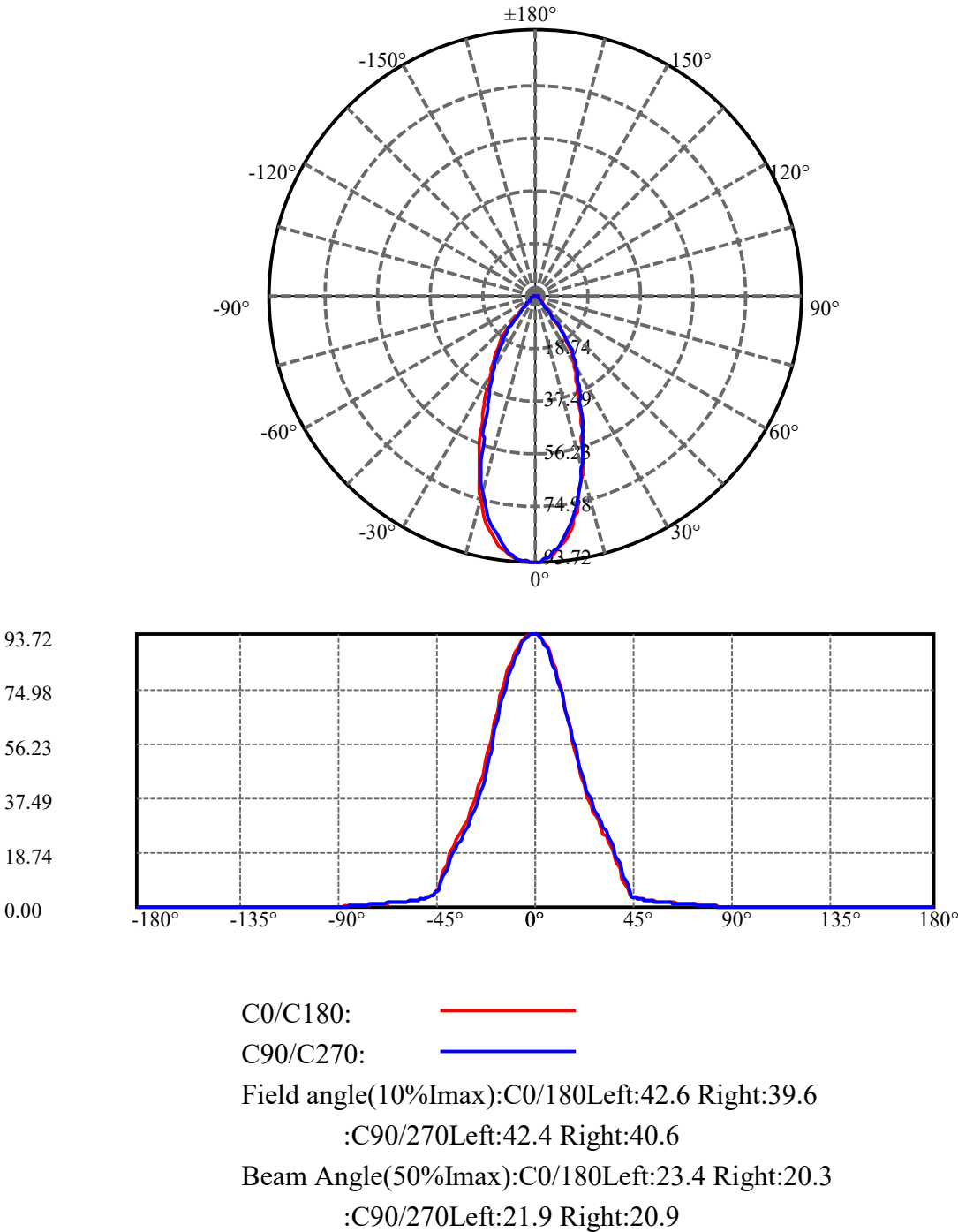
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.111	0.005	66.322	0.008%	99.856%
153.0	0.102	0.005	66.328	0.008%	99.864%
154.0	0.119	0.005	66.333	0.008%	99.872%
155.0	0.111	0.005	66.339	0.008%	99.880%
156.0	0.136	0.006	66.344	0.008%	99.888%
157.0	0.136	0.006	66.350	0.009%	99.897%
158.0	0.119	0.005	66.356	0.008%	99.906%
159.0	0.128	0.005	66.361	0.007%	99.913%
160.0	0.119	0.005	66.365	0.007%	99.920%
161.0	0.136	0.005	66.370	0.007%	99.927%
162.0	0.145	0.005	66.375	0.007%	99.935%
163.0	0.136	0.005	66.380	0.007%	99.942%
164.0	0.128	0.004	66.384	0.006%	99.948%
165.0	0.145	0.004	66.388	0.006%	99.954%
166.0	0.136	0.004	66.392	0.006%	99.960%
167.0	0.136	0.003	66.395	0.005%	99.965%
168.0	0.153	0.003	66.398	0.005%	99.970%
169.0	0.136	0.003	66.402	0.005%	99.975%
170.0	0.153	0.003	66.405	0.004%	99.979%
171.0	0.145	0.003	66.407	0.004%	99.983%
172.0	0.145	0.002	66.410	0.004%	99.987%
173.0	0.145	0.002	66.412	0.003%	99.990%
174.0	0.145	0.002	66.413	0.003%	99.993%
175.0	0.145	0.002	66.415	0.002%	99.995%
176.0	0.136	0.001	66.416	0.002%	99.997%
177.0	0.136	0.001	66.417	0.001%	99.998%
178.0	0.162	0.001	66.418	0.001%	99.999%
179.0	0.171	0.000	66.418	0.001%	100.000%
180.0	0.000	0.000	66.418	0.000%	100.000%

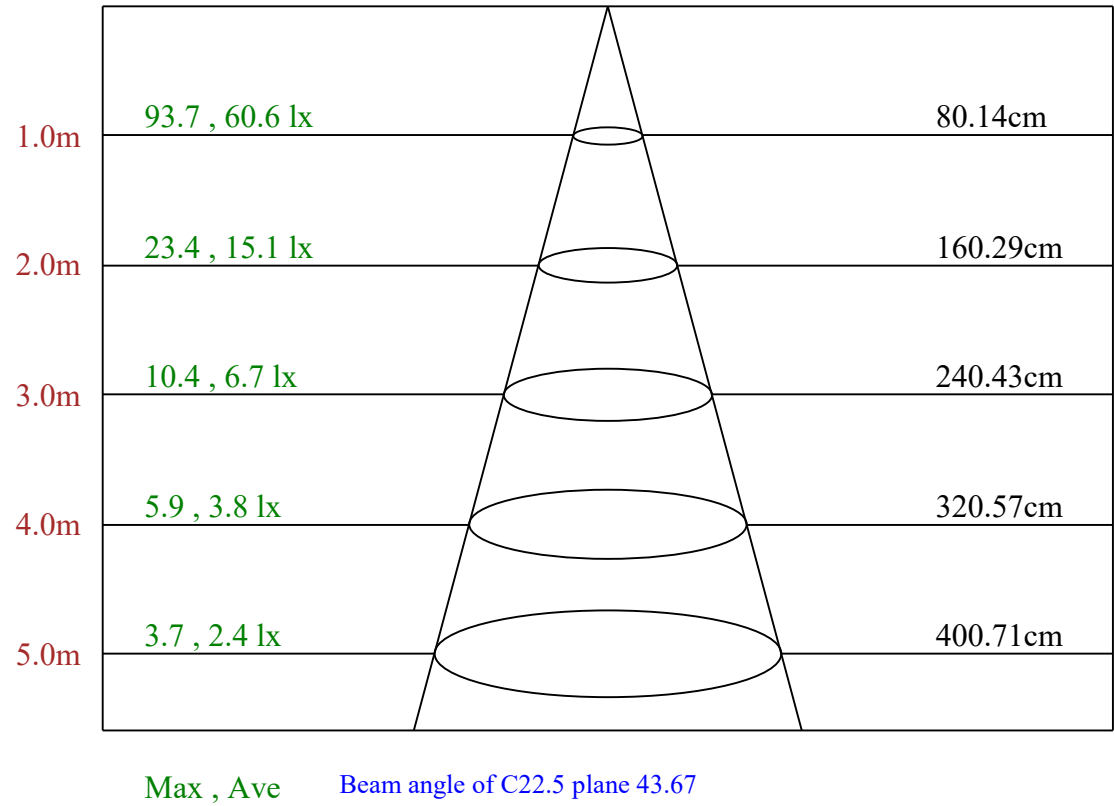
ZONAL LUMEN SUMMARY

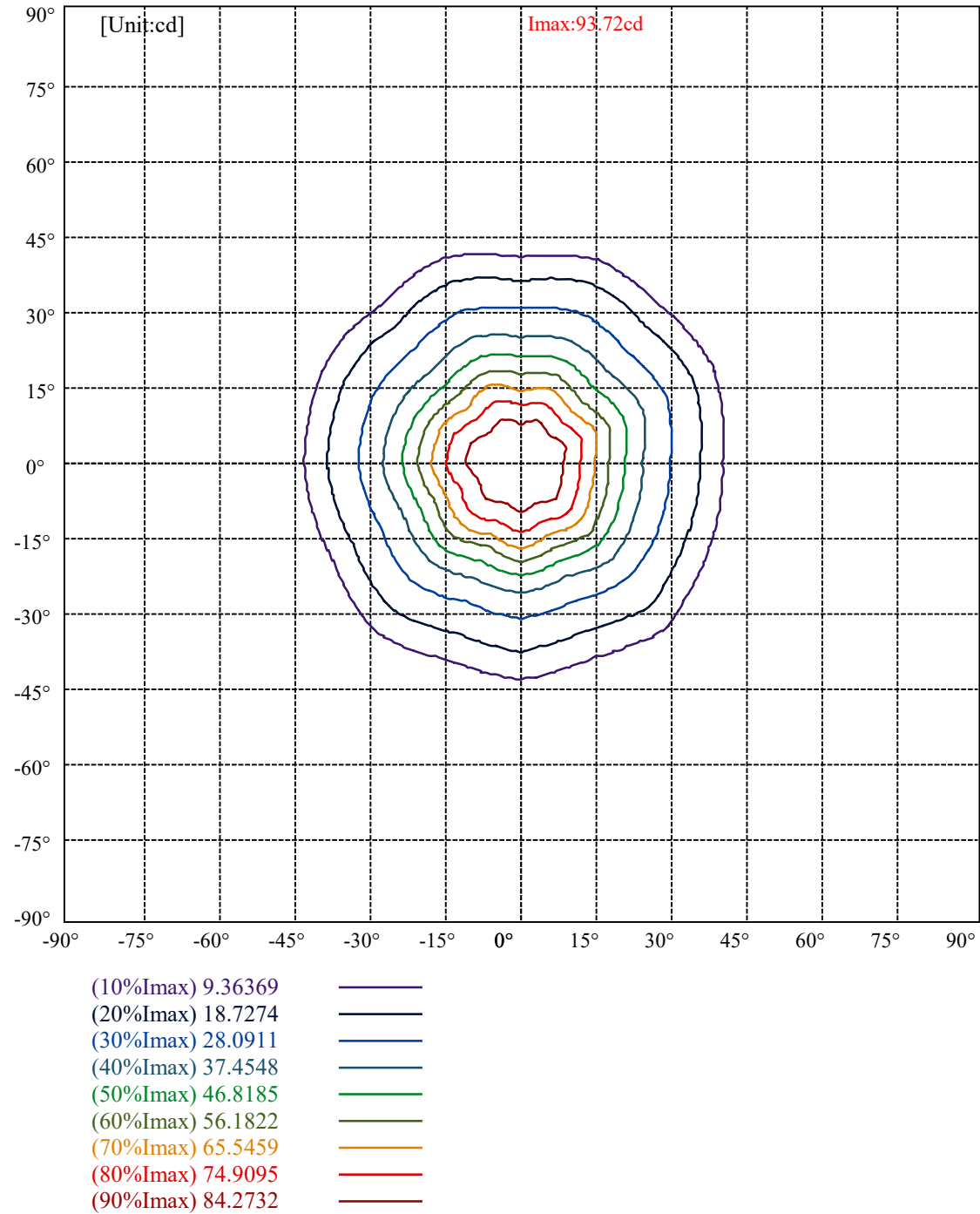
Zone	Lumens	%Fixt
0-30	44.73	67.35%
0-40	57.72	86.90%
0-60	63.75	95.98%
0-90	66.28	99.80%
0-120	66.28	99.80%
0-180	66.42	100.00%
60-90	2.54	3.82%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.03	0.04%
90-180	0.14	0.20%
0-35.76	53.13	80.00%

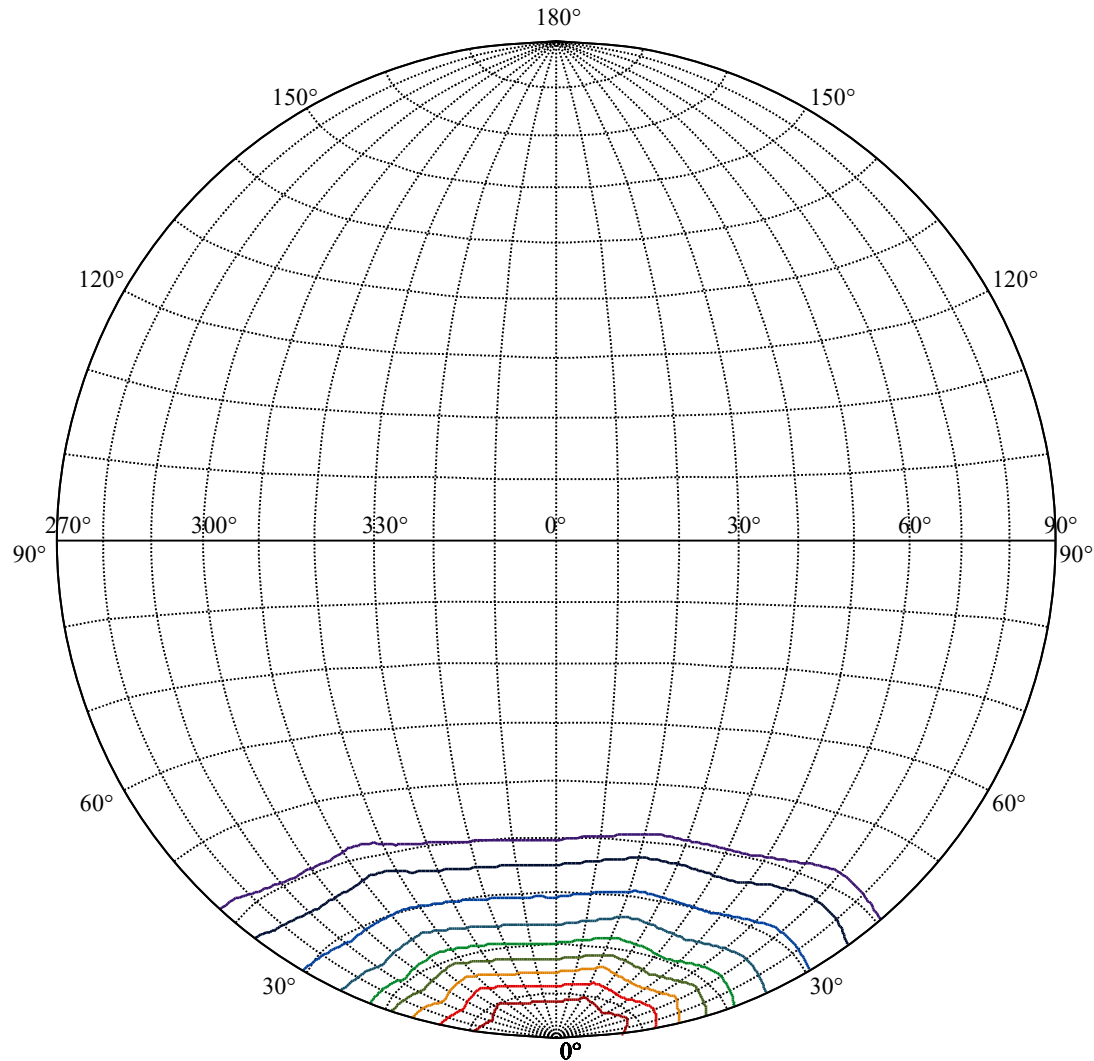
ZONAL LUMEN SUMMARY

0-10	8.39
10-20	18.66
20-30	17.68
30-40	12.99
40-50	4.13
50-60	1.90
60-70	1.41
70-80	0.89
80-90	0.24
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.03
150-160	0.05
160-170	0.04
170-180	0.01







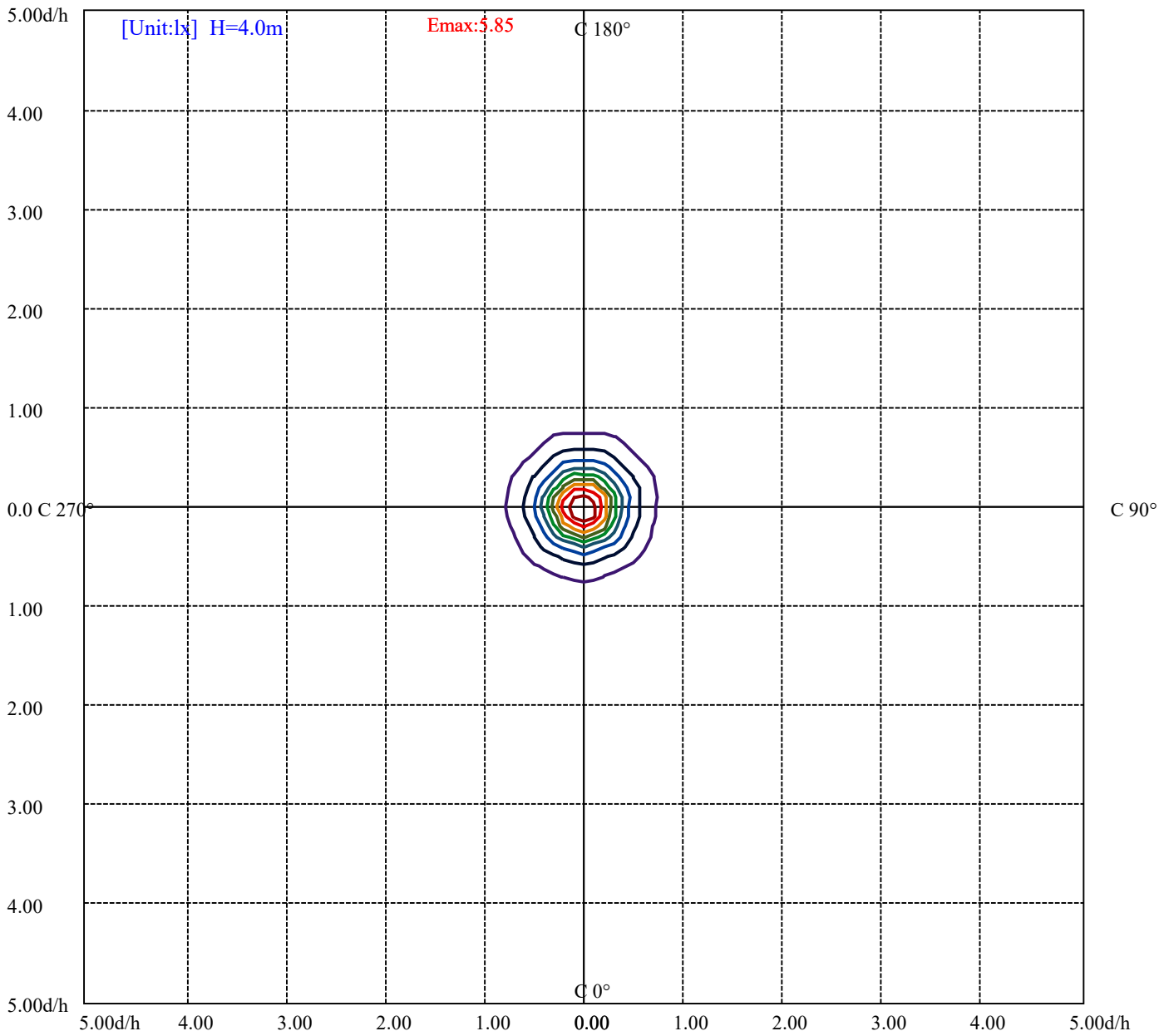


House

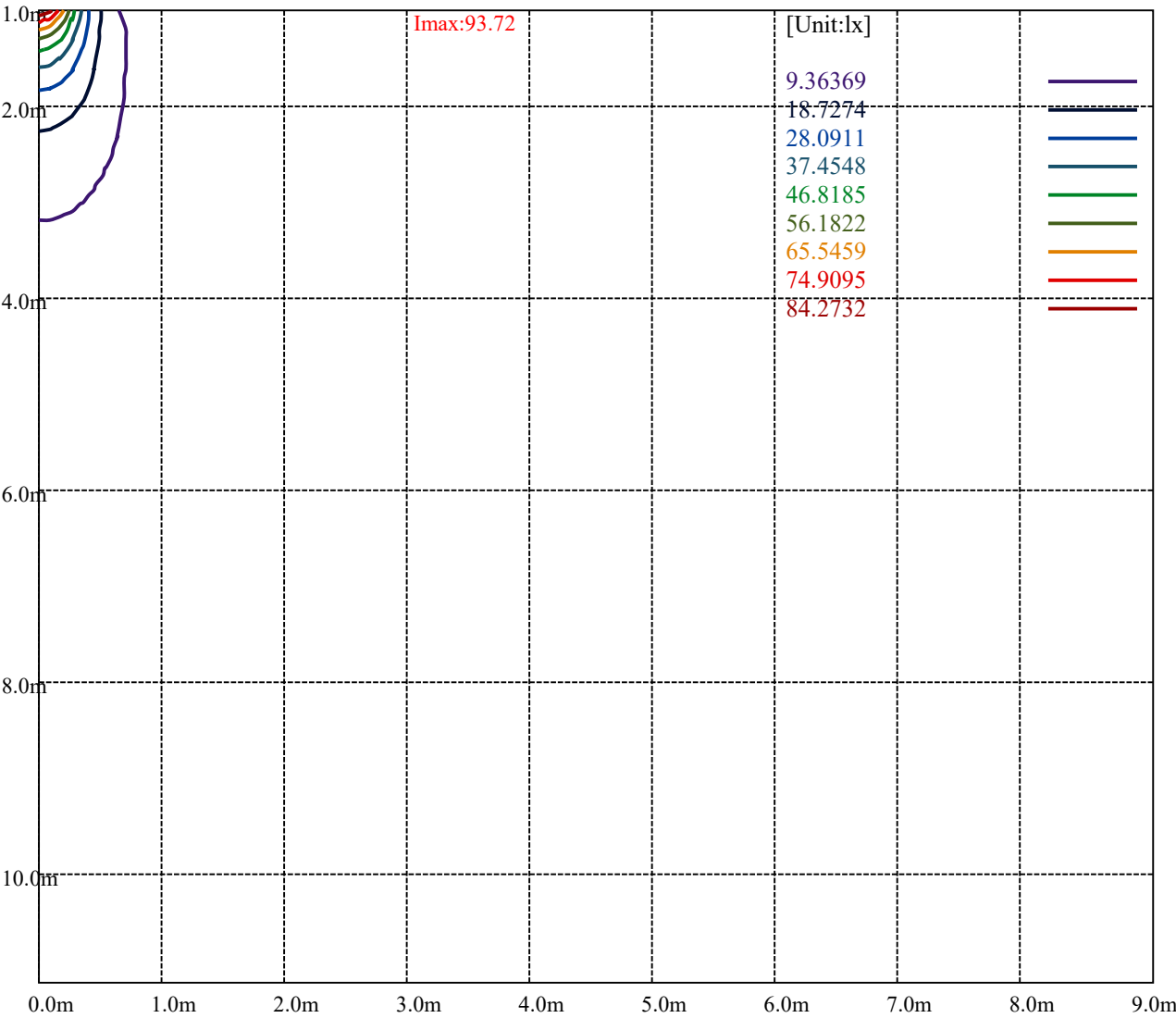
[Unit:cd]

Road

Imax:93.72	
(10%Imax) 9.37192	—
(20%Imax) 18.7438	—
(30%Imax) 28.1157	—
(40%Imax) 37.4877	—
(50%Imax) 46.8596	—
(60%Imax) 56.2315	—
(70%Imax) 65.6034	—
(80%Imax) 74.9753	—
(90%Imax) 84.3472	—



(10%Emax) 0.5852306	—
(20%Emax) 1.170462	—
(30%Emax) 1.755694	—
(40%Emax) 2.340925	—
(50%Emax) 2.926156	—
(60%Emax) 3.511388	—
(70%Emax) 4.096612	—
(80%Emax) 4.681844	—
(90%Emax) 5.267075	—



Luminance Table

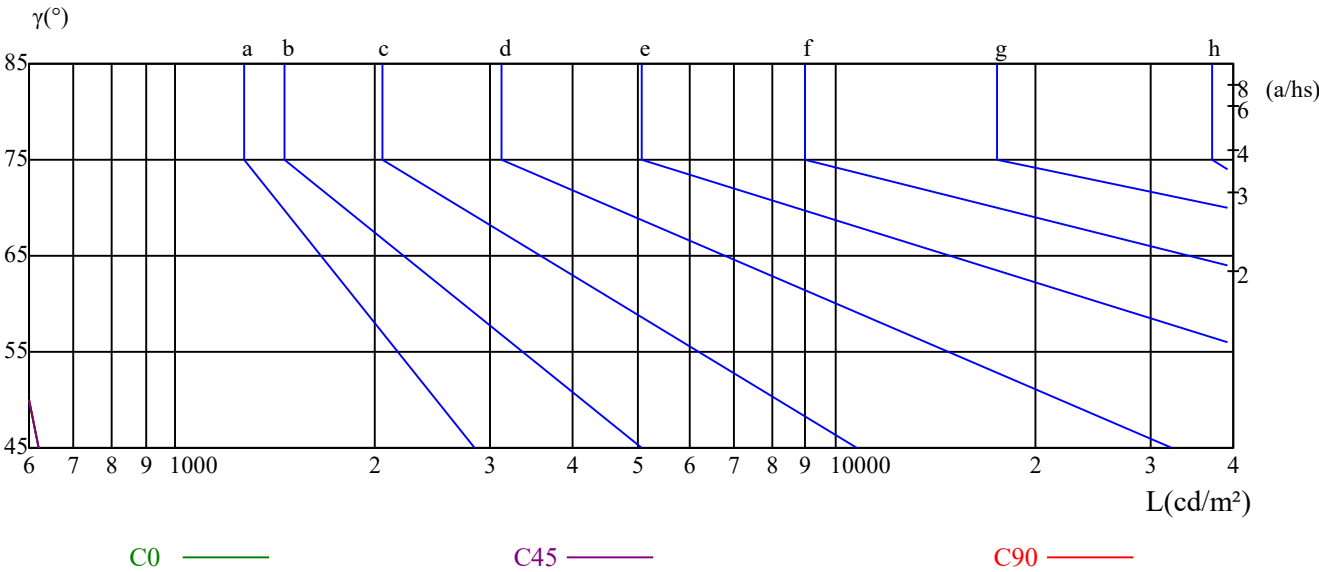
γ	45	50	55	60	65	70	75	80	85
C0	619	498	411	404	359	394	325	291	193
C45	619	498	411	371	399	394	325	291	193
C90	619	472	411	371	399	394	325	291	193

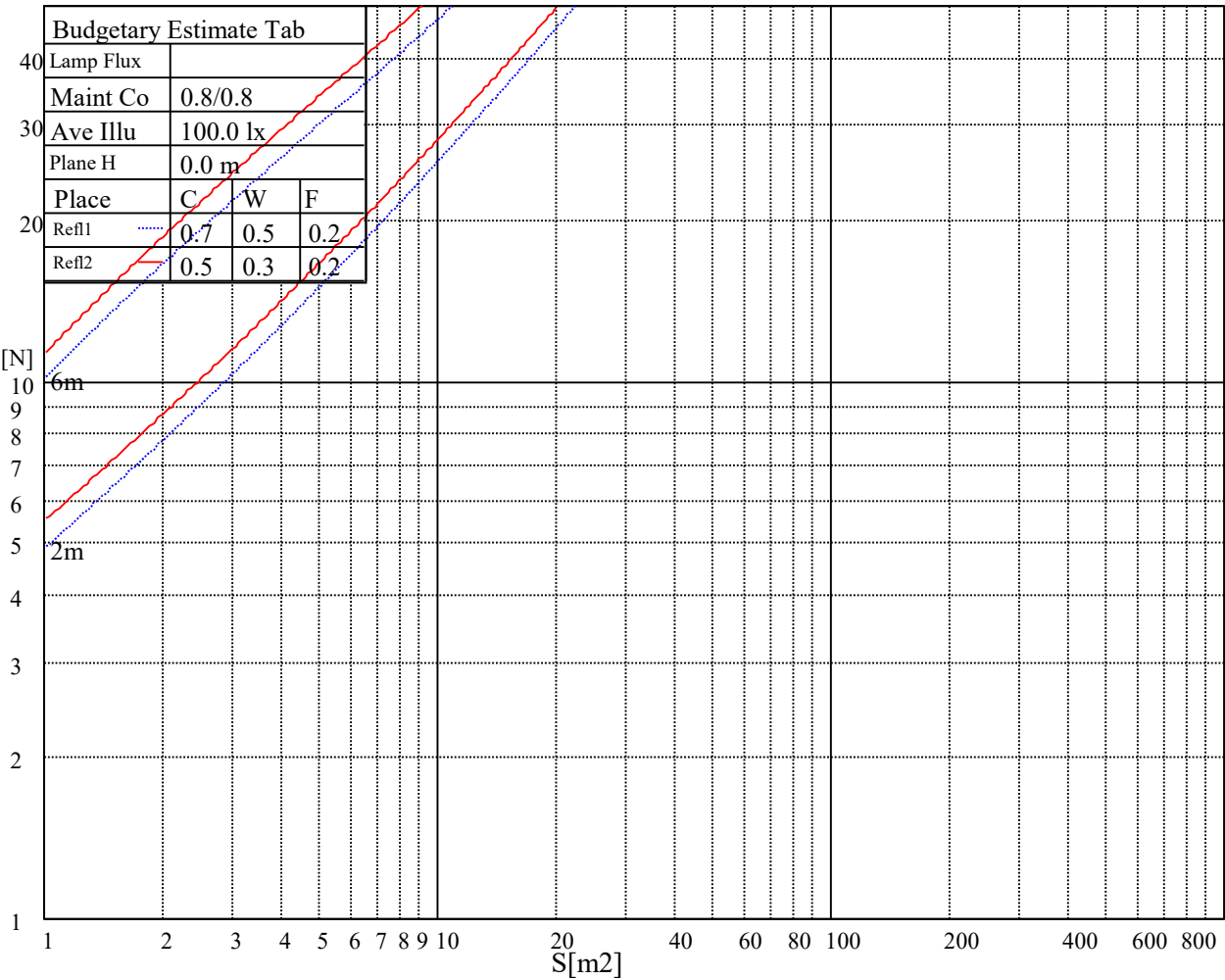
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
399	418	408	358	390	423	290	290	290

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





RHOC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS 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	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	1.00	0.98	0.97	0.96	0.95	0.94	0.92
2	1.02	0.97	0.94	1.00	0.96	0.93	0.97	0.93	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.85
3	0.94	0.89	0.85	0.93	0.88	0.84	0.90	0.86	0.83	0.88	0.84	0.82	0.86	0.83	0.80	0.79
4	0.88	0.82	0.78	0.87	0.82	0.77	0.85	0.80	0.76	0.83	0.79	0.75	0.81	0.77	0.75	0.73
5	0.82	0.76	0.72	0.81	0.76	0.72	0.80	0.75	0.71	0.78	0.74	0.70	0.76	0.73	0.70	0.68
6	0.77	0.71	0.67	0.77	0.71	0.66	0.75	0.70	0.66	0.74	0.69	0.66	0.72	0.68	0.65	0.64
7	0.73	0.67	0.62	0.72	0.66	0.62	0.71	0.66	0.62	0.70	0.65	0.61	0.68	0.64	0.61	0.60
8	0.69	0.63	0.58	0.68	0.62	0.58	0.67	0.62	0.58	0.66	0.61	0.58	0.65	0.61	0.57	0.56
9	0.65	0.59	0.55	0.64	0.59	0.55	0.63	0.58	0.55	0.63	0.58	0.54	0.62	0.57	0.54	0.53
10	0.62	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.60	0.55	0.51	0.59	0.54	0.51	0.50

SPKPL-RDLRE2Q-RGBTW-WH

Appendix Page: 17 Total:23

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	93.64	93.45	92.77	91.95	90.86	89.36	88.40	86.63	84.45
22.5	93.64	93.72	93.72	93.45	92.49	91.54	90.45	88.95	87.86
45.0	93.64	93.59	92.77	91.81	90.45	88.67	87.58	85.81	83.76
67.5	93.64	93.72	93.45	93.18	92.36	91.13	89.77	88.27	87.04
90.0	93.64	93.45	92.49	91.95	90.04	89.22	87.72	85.54	83.49
112.5	93.64	93.72	93.45	93.31	92.49	91.27	90.72	89.22	87.31
135.0	93.64	93.45	93.04	92.63	91.68	90.58	89.22	87.45	86.36
157.5	93.64	93.59	93.45	93.18	92.63	91.95	91.27	89.90	88.54
180.0	93.64	93.59	93.45	93.31	93.04	92.22	91.40	90.04	89.22
202.5	93.64	93.31	92.90	92.22	91.27	89.77	88.81	87.45	85.67
225.0	93.64	93.59	93.45	93.18	92.63	91.68	90.58	89.36	88.54
247.5	93.64	93.31	92.77	91.95	90.86	89.36	88.54	86.90	84.85
270.0	93.64	93.59	93.45	93.31	92.63	91.68	90.58	88.81	87.31
292.5	93.64	93.31	92.63	92.36	91.40	90.31	88.81	86.63	84.72
315.0	93.64	93.59	93.59	93.31	92.77	91.68	91.13	89.49	87.99
337.5	93.64	93.45	92.90	92.36	91.40	90.31	88.95	86.90	85.81
360.0	93.64	93.45	92.77	91.95	90.86	89.36	88.40	86.63	84.45
C/ γ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	82.13	78.85	77.22	73.12	69.17	66.98	63.57	60.16	56.75
22.5	85.54	83.08	80.63	77.22	74.35	71.21	67.94	66.03	61.94
45.0	81.17	78.03	76.26	73.26	70.12	66.71	62.75	59.34	56.07
67.5	84.58	82.40	79.67	77.08	73.53	70.53	67.26	65.21	61.39
90.0	80.90	77.76	76.12	73.12	69.98	66.71	62.89	60.98	57.84
112.5	85.54	83.35	81.85	78.72	75.85	72.85	69.71	67.67	63.71
135.0	83.22	81.72	78.58	75.71	72.71	69.30	65.35	63.30	59.75
157.5	86.90	85.26	83.90	81.31	78.72	75.99	72.99	70.94	66.85
180.0	87.45	85.67	83.90	81.85	80.49	77.49	73.67	71.89	67.80
202.5	83.90	81.44	79.94	77.35	74.49	71.08	67.80	65.89	61.25
225.0	86.63	83.90	82.67	79.94	78.99	74.35	71.21	69.03	65.07
247.5	82.81	79.94	78.17	75.44	72.44	68.62	65.21	63.03	57.98
270.0	85.40	83.49	82.13	79.12	76.53	73.80	70.80	68.76	64.66
292.5	82.81	79.94	78.31	75.17	72.03	68.62	64.53	62.35	58.66
315.0	86.08	84.17	82.67	79.67	76.81	73.67	70.39	66.30	64.12
337.5	82.81	79.81	78.17	75.17	71.89	68.48	64.25	62.21	58.66
360.0	82.13	78.85	77.22	73.12	69.17	66.98	63.57	60.16	56.75
C/ γ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	52.52	50.61	47.61	44.75	42.15	39.15	37.11	34.92	32.88
22.5	58.53	55.25	51.98	50.20	46.79	43.11	41.61	39.43	38.06
45.0	52.11	50.34	47.61	45.02	42.56	39.97	38.47	36.42	34.65
67.5	58.12	55.11	51.98	50.20	46.79	43.25	41.88	39.29	37.24
90.0	54.71	51.16	48.29	46.66	43.25	40.38	39.15	37.11	35.20
112.5	60.44	57.02	53.20	52.11	48.57	44.75	43.25	40.38	38.33
135.0	56.34	52.93	49.38	47.61	43.79	40.79	39.43	37.38	35.33
157.5	61.80	59.62	55.52	52.11	48.98	45.97	44.20	41.20	38.74
180.0	64.25	60.71	57.30	55.25	51.16	48.02	45.02	42.43	40.93
202.5	57.16	54.98	51.70	48.57	45.57	42.02	40.52	38.20	34.79
225.0	61.39	57.84	54.43	52.39	48.43	45.70	42.97	39.97	37.52
247.5	53.89	51.84	48.70	45.70	42.97	39.84	38.47	35.33	34.11
270.0	60.98	57.30	53.07	51.57	46.25	43.25	41.61	38.47	36.29
292.5	55.11	50.89	47.61	45.70	41.75	38.47	37.11	34.79	32.88
315.0	59.07	56.89	52.66	49.38	46.25	43.52	41.88	39.02	36.83
337.5	55.39	51.98	48.29	46.52	43.79	41.20	38.33	36.02	33.97
360.0	52.52	50.61	47.61	44.75	42.15	39.15	37.11	34.92	32.88

SPKPL-RDLRE2Q-RGBTW-WH

Appendix Page: 18 Total:23

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	31.79	30.15	28.38	26.88	25.10	24.28	22.78	21.28	19.24
22.5	34.92	33.01	31.92	29.88	28.38	26.88	25.51	24.69	22.92
45.0	32.60	30.97	29.88	27.83	26.19	25.37	23.87	22.65	20.74
67.5	35.47	33.56	32.60	30.70	29.06	27.56	26.19	25.51	23.87
90.0	33.42	31.38	30.42	28.92	27.28	25.92	24.28	23.33	21.15
112.5	36.42	34.51	33.42	31.38	29.19	28.24	26.88	26.06	24.28
135.0	33.42	31.38	30.29	28.65	27.15	25.78	24.01	23.19	20.87
157.5	36.42	34.38	32.20	30.42	28.79	27.83	26.06	24.56	23.19
180.0	37.93	34.92	33.70	31.38	29.74	28.10	26.60	25.78	23.87
202.5	33.97	31.79	30.01	28.38	26.47	25.51	24.01	22.51	21.01
225.0	35.33	33.29	32.33	30.15	28.38	26.74	25.37	24.56	22.92
247.5	32.06	29.88	28.10	26.60	24.69	23.87	22.51	21.15	19.64
270.0	34.11	32.06	30.97	28.79	27.28	25.78	23.87	22.51	21.28
292.5	30.97	28.92	27.97	25.78	24.83	23.33	21.83	20.46	18.96
315.0	34.65	32.60	31.51	28.65	27.15	26.06	24.28	22.92	21.55
337.5	32.06	30.01	28.92	27.42	25.92	24.42	22.65	21.83	19.64
360.0	31.79	30.15	28.38	26.88	25.10	24.28	22.78	21.28	19.24
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	16.78	15.42	13.37	9.96	9.00	7.23	5.59	4.37	3.68
22.5	21.28	19.24	16.37	14.05	12.01	10.10	8.87	6.96	5.46
45.0	18.01	16.64	14.32	12.28	10.37	8.19	6.28	4.77	3.68
67.5	22.37	20.46	17.60	15.42	13.37	11.32	10.10	7.64	5.87
90.0	18.28	16.92	15.01	12.82	10.64	8.46	7.23	5.32	3.68
112.5	22.10	20.87	18.28	15.96	13.78	12.01	10.78	8.32	6.41
135.0	18.28	17.46	14.60	12.69	10.78	8.46	7.50	5.59	4.23
157.5	21.55	20.60	18.28	15.82	13.78	11.60	10.50	7.50	5.87
180.0	22.51	20.74	18.96	17.60	14.73	12.82	10.78	8.59	6.68
202.5	18.96	17.60	15.55	13.37	11.05	9.28	7.37	5.87	4.37
225.0	20.74	19.92	17.60	15.69	13.64	11.73	10.64	8.46	6.55
247.5	17.73	16.51	14.32	12.55	10.50	8.87	7.91	5.46	4.23
270.0	19.78	18.96	16.78	14.73	12.96	11.19	10.10	8.19	6.00
292.5	16.51	15.42	13.37	11.60	10.10	8.05	7.09	5.59	3.96
315.0	20.05	19.10	16.51	14.46	12.55	10.37	9.82	7.50	5.46
337.5	16.78	15.82	13.37	11.46	9.55	7.50	6.41	5.05	4.09
360.0	16.78	15.42	13.37	9.96	9.00	7.23	5.59	4.37	3.68
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	3.55	3.27	3.00	2.86	2.73	2.59	2.46	2.18	2.18
22.5	4.09	3.68	3.41	3.14	2.86	2.73	2.59	2.46	2.32
45.0	3.55	3.27	3.00	2.86	2.59	2.59	2.46	2.32	2.18
67.5	4.37	3.68	3.55	3.14	2.86	2.73	2.59	2.46	2.18
90.0	3.55	3.14	3.00	2.86	2.59	2.46	2.32	2.18	2.05
112.5	4.77	3.82	3.41	3.14	2.86	2.86	2.59	2.32	2.32
135.0	3.68	3.27	3.14	2.86	2.59	2.59	2.32	2.18	2.05
157.5	5.05	3.82	3.55	3.27	3.14	2.86	2.73	2.46	2.46
180.0	5.18	4.23	3.82	3.41	3.27	3.00	2.73	2.73	2.59
202.5	3.96	3.55	3.27	3.14	2.86	2.73	2.59	2.46	2.32
225.0	5.05	4.09	3.82	3.55	3.27	3.14	2.86	2.73	2.59
247.5	3.96	3.55	3.27	3.14	2.86	2.86	2.73	2.46	2.32
270.0	5.18	4.09	3.82	3.41	3.27	3.14	2.86	2.73	2.59
292.5	3.68	3.41	3.27	3.00	2.86	2.59	2.59	2.46	2.32
315.0	4.64	3.82	3.55	3.27	3.14	3.00	2.86	2.59	2.59
337.5	3.68	3.41	3.14	3.00	2.86	2.73	2.59	2.32	2.18
360.0	3.55	3.27	3.00	2.86	2.73	2.59	2.46	2.18	2.18

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

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

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE2Q-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	2.05	1.91	1.91	1.77	1.77	1.64	1.64	1.50	1.50
22.5	2.18	2.05	1.91	1.91	1.77	1.77	1.77	1.64	1.50
45.0	2.05	1.91	1.77	1.77	1.77	1.50	1.50	1.50	1.50
67.5	2.05	2.05	1.91	1.77	1.77	1.64	1.64	1.64	1.50
90.0	1.91	1.91	1.77	1.77	1.64	1.64	1.50	1.50	1.36
112.5	2.05	2.05	2.05	1.77	1.77	1.64	1.64	1.50	1.50
135.0	1.91	1.91	1.77	1.77	1.77	1.64	1.50	1.50	1.50
157.5	2.32	2.05	2.05	1.91	1.91	1.77	1.64	1.64	1.64
180.0	2.32	2.32	2.05	2.05	1.91	1.77	1.77	1.77	1.64
202.5	2.18	2.05	1.91	1.91	1.77	1.77	1.64	1.64	1.50
225.0	2.46	2.32	2.18	2.05	2.05	1.91	1.91	1.77	1.64
247.5	2.18	2.05	2.05	1.77	1.77	1.77	1.77	1.77	1.64
270.0	2.46	2.32	2.18	2.05	1.91	1.91	1.91	1.77	1.77
292.5	2.18	2.05	2.05	1.91	1.77	1.77	1.64	1.64	1.64
315.0	2.46	2.32	2.05	1.91	1.91	1.91	1.77	1.64	1.77
337.5	2.05	2.05	1.91	1.91	1.77	1.64	1.64	1.64	1.50
360.0	2.05	1.91	1.91	1.77	1.77	1.64	1.64	1.50	1.50
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1.50	1.36	1.23	1.36	1.23	1.23	1.23	1.09	1.09
22.5	1.50	1.50	1.36	1.36	1.23	1.23	1.23	1.09	1.09
45.0	1.36	1.36	1.36	1.23	1.23	1.09	1.09	1.09	0.95
67.5	1.50	1.50	1.36	1.36	1.23	1.23	1.09	1.09	1.09
90.0	1.36	1.36	1.36	1.23	1.23	1.09	1.09	1.09	0.95
112.5	1.50	1.36	1.36	1.36	1.23	1.23	1.09	1.09	1.09
135.0	1.50	1.36	1.23	1.23	1.23	1.23	1.09	1.09	0.95
157.5	1.50	1.50	1.50	1.36	1.36	1.23	1.23	1.09	1.09
180.0	1.64	1.50	1.50	1.50	1.36	1.36	1.36	1.36	1.23
202.5	1.50	1.50	1.50	1.36	1.23	1.23	1.23	1.09	1.09
225.0	1.64	1.64	1.50	1.50	1.50	1.36	1.36	1.23	1.09
247.5	1.50	1.50	1.50	1.50	1.36	1.23	1.36	1.23	1.09
270.0	1.64	1.64	1.50	1.50	1.50	1.36	1.23	1.23	1.23
292.5	1.64	1.50	1.50	1.36	1.36	1.23	1.36	1.23	1.09
315.0	1.64	1.50	1.50	1.50	1.50	1.36	1.36	1.23	1.09
337.5	1.50	1.50	1.36	1.36	1.36	1.09	1.09	1.23	1.09
360.0	1.50	1.36	1.23	1.36	1.23	1.23	1.23	1.09	1.09
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.95	0.95	0.82	0.68	0.68	0.55	0.55	0.41	0.41
22.5	0.95	1.09	0.82	0.82	0.82	0.82	0.68	0.55	0.55
45.0	0.82	0.82	0.82	0.68	0.68	0.68	0.55	0.55	0.41
67.5	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.55	0.55
90.0	0.95	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.41
112.5	0.95	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.55
135.0	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.41
157.5	1.09	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.55
180.0	1.09	1.09	1.09	0.82	0.82	0.82	0.68	0.68	0.68
202.5	1.09	0.95	0.95	0.82	0.82	0.82	0.68	0.55	0.55
225.0	1.23	1.09	1.09	1.09	0.95	0.82	0.82	0.68	0.68
247.5	0.95	0.95	0.95	0.95	0.82	0.68	0.68	0.68	0.41
270.0	1.23	1.09	0.95	0.95	0.82	0.82	0.82	0.82	0.55
292.5	0.95	0.95	0.95	0.82	0.82	0.68	0.68	0.68	0.55
315.0	1.09	1.09	0.95	0.95	0.95	0.82	0.82	0.68	0.55
337.5	0.95	0.95	0.95	0.82	0.82	0.68	0.55	0.41	0.41
360.0	0.95	0.95	0.82	0.68	0.68	0.55	0.55	0.41	0.41

SPKPL-RDLRE2Q-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	0.41	0.41	0.27	0.14	0.14	0.00	0.00	0.00	0.00
22.5	0.41	0.41	0.41	0.14	0.14	0.14	0.00	0.00	0.00
45.0	0.41	0.27	0.27	0.27	0.14	0.00	0.00	0.00	0.00
67.5	0.41	0.41	0.27	0.27	0.27	0.14	0.14	0.00	0.00
90.0	0.41	0.27	0.27	0.27	0.14	0.14	0.00	0.00	0.00
112.5	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.00	0.00
135.0	0.41	0.41	0.27	0.27	0.14	0.00	0.00	0.00	0.00
157.5	0.55	0.41	0.41	0.27	0.27	0.14	0.14	0.00	0.00
180.0	0.55	0.55	0.41	0.41	0.27	0.41	0.14	0.14	0.00
202.5	0.55	0.41	0.27	0.27	0.27	0.14	0.14	0.00	0.00
225.0	0.55	0.55	0.41	0.41	0.27	0.27	0.27	0.14	0.14
247.5	0.55	0.41	0.27	0.41	0.27	0.14	0.14	0.00	0.00
270.0	0.55	0.55	0.41	0.41	0.27	0.27	0.14	0.14	0.00
292.5	0.41	0.41	0.27	0.27	0.14	0.14	0.00	0.00	0.00
315.0	0.55	0.41	0.41	0.41	0.27	0.27	0.00	0.00	0.00
337.5	0.41	0.27	0.27	0.14	0.14	0.14	0.14	0.00	0.00
360.0	0.41	0.41	0.27	0.14	0.14	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-RDLRE2Q-RGBTW-WH

Intensity data(cd)										Appendix Page: 21 Total:23	
C/ $\gamma(^{\circ})$	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/ $\gamma(^{\circ})$	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/ $\gamma(^{\circ})$	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-RDLRE2Q-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	0.14
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	0.00	0.00	0.14	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14
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	0.14	0.00	0.00	0.00
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	0.00	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	0.14	0.14	0.00	0.14
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	0.14
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	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14
22.5	0.00	0.00	0.14	0.14	0.14	0.14	0.00	0.14	0.14
45.0	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14
67.5	0.00	0.00	0.14	0.14	0.00	0.00	0.14	0.00	0.14
90.0	0.14	0.00	0.14	0.00	0.00	0.14	0.14	0.14	0.14
112.5	0.00	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.00
135.0	0.00	0.00	0.00	0.14	0.14	0.14	0.00	0.14	0.14
157.5	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14
180.0	0.14	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.14
202.5	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.14	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14
247.5	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.14	0.14
270.0	0.00	0.14	0.00	0.14	0.14	0.00	0.14	0.00	0.14
292.5	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.14
315.0	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.00
337.5	0.00	0.00	0.14	0.00	0.00	0.14	0.14	0.00	0.14
360.0	0.00	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14
C/ $\gamma(^{\circ})$	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.00	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.14	0.00	0.14	0.14	0.14	0.00	0.14	0.14
202.5	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.00	0.14
225.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14

SPKPL-RDLRE2Q-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	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.27	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.27
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14
22.5	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
202.5	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.27	0.27	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14
292.5	0.14	0.27	0.14	0.14	0.27	0.14	0.14	0.27	0.27
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14
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								