



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: BST24111404-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.042

Lamp flux(lm)

Power (W): 4.961

Number of Lamps: 1

PF: 0.980

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 267.71, Luminous Efficacy(lm/W): 53.96

Central intensity(cd): 427.22, Maximum intensity(cd): 427.82

Angle of maximum intensity: $C=67.5$ $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=41.9

[C90/270]Total=41.9

Field angle(10%Imax): [C0/180]Total=73.0

[C90/270]Total=72.4

Maximum s/h(1/2): C0_180=0.71 C90_270=0.64

Maximum s/h(1/4): C0_180=0.73 C90_270=0.67

Up flux rate of LUM(%): 0.42%

Down flux rate of LUM(%): 99.58%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 96.101%

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	427.224	0.000	0.000	0.000%	0.000%
1.0	426.550	0.409	0.409	0.153%	0.153%
2.0	424.154	1.221	1.630	0.456%	0.609%
3.0	422.219	2.024	3.654	0.756%	1.365%
4.0	417.640	2.811	6.465	1.050%	2.415%
5.0	411.058	3.565	10.030	1.332%	3.747%
6.0	405.507	4.291	14.321	1.603%	5.350%
7.0	396.222	4.976	19.298	1.859%	7.208%
8.0	389.043	5.620	24.918	2.099%	9.308%
9.0	377.975	6.216	31.134	2.322%	11.630%
10.0	365.365	6.727	37.861	2.513%	14.143%
11.0	357.572	7.224	45.084	2.698%	16.841%
12.0	343.767	7.667	52.751	2.864%	19.705%
13.0	330.526	8.002	60.753	2.989%	22.694%
14.0	316.807	8.286	69.039	3.095%	25.789%
15.0	300.914	8.480	77.519	3.168%	28.957%
16.0	290.836	8.671	86.190	3.239%	32.195%
17.0	274.780	8.808	94.998	3.290%	35.486%
18.0	257.523	8.777	103.775	3.278%	38.764%
19.0	245.015	8.743	112.518	3.266%	42.030%
20.0	227.391	8.646	121.164	3.230%	45.260%
21.0	215.513	8.505	129.669	3.177%	48.436%
22.0	199.032	8.330	137.999	3.112%	51.548%
23.0	184.767	8.053	146.053	3.008%	54.556%
24.0	176.727	7.904	153.956	2.952%	57.509%
25.0	163.596	7.738	161.694	2.891%	60.399%
26.0	152.444	7.460	169.154	2.787%	63.186%
27.0	142.527	7.217	176.371	2.696%	65.881%
28.0	132.014	6.951	183.322	2.596%	68.478%
29.0	126.472	6.763	190.085	2.526%	71.004%
30.0	116.863	6.570	196.655	2.454%	73.458%
31.0	108.353	6.267	202.922	2.341%	75.799%
32.0	101.660	6.017	208.939	2.247%	78.047%
33.0	91.880	5.702	214.640	2.130%	80.177%
34.0	85.085	5.355	219.996	2.000%	82.177%
35.0	74.708	4.963	224.959	1.854%	84.031%
36.0	62.643	4.373	229.332	1.634%	85.664%
37.0	53.256	3.780	233.112	1.412%	87.076%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	42.206	3.186	236.298	1.190%	88.267%
39.0	32.554	2.552	238.850	0.953%	89.220%
40.0	24.513	1.990	240.840	0.743%	89.963%
41.0	19.534	1.569	242.409	0.586%	90.549%
42.0	17.147	1.333	243.741	0.498%	91.047%
43.0	15.296	1.202	244.943	0.449%	91.496%
44.0	13.907	1.102	246.045	0.412%	91.908%
45.0	12.559	1.017	247.063	0.380%	92.288%
46.0	11.042	0.923	247.985	0.345%	92.632%
47.0	10.462	0.855	248.841	0.319%	92.952%
48.0	9.481	0.806	249.647	0.301%	93.253%
49.0	8.936	0.756	250.403	0.283%	93.535%
50.0	8.629	0.732	251.136	0.274%	93.809%
51.0	8.109	0.708	251.844	0.265%	94.073%
52.0	7.674	0.677	252.521	0.253%	94.326%
53.0	7.307	0.652	253.173	0.243%	94.570%
54.0	6.966	0.629	253.802	0.235%	94.805%
55.0	6.761	0.613	254.414	0.229%	95.034%
56.0	6.437	0.596	255.011	0.223%	95.257%
57.0	6.216	0.579	255.589	0.216%	95.473%
58.0	6.096	0.569	256.159	0.213%	95.685%
59.0	5.900	0.561	256.720	0.209%	95.895%
60.0	5.798	0.553	257.272	0.206%	96.101%
61.0	5.627	0.545	257.818	0.204%	96.305%
62.0	5.457	0.534	258.352	0.200%	96.504%
63.0	5.355	0.526	258.877	0.196%	96.701%
64.0	5.184	0.517	259.395	0.193%	96.894%
65.0	5.039	0.506	259.901	0.189%	97.083%
66.0	4.852	0.493	260.394	0.184%	97.267%
67.0	4.681	0.479	260.873	0.179%	97.446%
68.0	4.562	0.468	261.342	0.175%	97.621%
69.0	4.366	0.455	261.797	0.170%	97.791%
70.0	4.178	0.439	262.236	0.164%	97.955%
71.0	3.999	0.423	262.658	0.158%	98.113%
72.0	3.777	0.404	263.063	0.151%	98.264%
73.0	3.607	0.386	263.449	0.144%	98.408%
74.0	3.376	0.367	263.816	0.137%	98.546%
75.0	3.146	0.345	264.161	0.129%	98.674%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.001	0.326	264.487	0.122%	98.796%
77.0	2.746	0.306	264.793	0.114%	98.911%
78.0	2.515	0.282	265.075	0.105%	99.016%
79.0	2.294	0.258	265.333	0.097%	99.112%
80.0	2.012	0.232	265.565	0.087%	99.199%
81.0	1.867	0.210	265.775	0.078%	99.277%
82.0	1.586	0.187	265.962	0.070%	99.347%
83.0	1.339	0.159	266.121	0.059%	99.407%
84.0	1.177	0.137	266.258	0.051%	99.458%
85.0	0.887	0.113	266.371	0.042%	99.500%
86.0	0.716	0.088	266.459	0.033%	99.533%
87.0	0.452	0.064	266.523	0.024%	99.557%
88.0	0.213	0.036	266.559	0.014%	99.570%
89.0	0.145	0.020	266.579	0.007%	99.578%
90.0	0.009	0.008	266.587	0.003%	99.581%
91.0	0.000	0.000	266.588	0.000%	99.581%
92.0	0.000	0.000	266.588	0.000%	99.581%
93.0	0.000	0.000	266.588	0.000%	99.581%
94.0	0.000	0.000	266.588	0.000%	99.581%
95.0	0.000	0.000	266.588	0.000%	99.581%
96.0	0.000	0.000	266.588	0.000%	99.581%
97.0	0.000	0.000	266.588	0.000%	99.581%
98.0	0.000	0.000	266.588	0.000%	99.581%
99.0	0.000	0.000	266.588	0.000%	99.581%
100.0	0.000	0.000	266.588	0.000%	99.581%
101.0	0.000	0.000	266.588	0.000%	99.581%
102.0	0.000	0.000	266.588	0.000%	99.581%
103.0	0.000	0.000	266.588	0.000%	99.581%
104.0	0.000	0.000	266.588	0.000%	99.581%
105.0	0.000	0.000	266.588	0.000%	99.581%
106.0	0.000	0.000	266.588	0.000%	99.581%
107.0	0.000	0.000	266.588	0.000%	99.581%
108.0	0.000	0.000	266.588	0.000%	99.581%
109.0	0.000	0.000	266.588	0.000%	99.581%
110.0	0.000	0.000	266.588	0.000%	99.581%
111.0	0.000	0.000	266.588	0.000%	99.581%
112.0	0.000	0.000	266.588	0.000%	99.581%
113.0	0.000	0.000	266.588	0.000%	99.581%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	266.588	0.000%	99.581%
115.0	0.000	0.000	266.588	0.000%	99.581%
116.0	0.000	0.000	266.588	0.000%	99.581%
117.0	0.000	0.000	266.588	0.000%	99.581%
118.0	0.017	0.001	266.588	0.000%	99.581%
119.0	0.009	0.001	266.590	0.000%	99.582%
120.0	0.000	0.000	266.590	0.000%	99.582%
121.0	0.000	0.000	266.590	0.000%	99.582%
122.0	0.034	0.002	266.592	0.001%	99.582%
123.0	0.026	0.003	266.594	0.001%	99.583%
124.0	0.017	0.002	266.596	0.001%	99.584%
125.0	0.034	0.002	266.599	0.001%	99.585%
126.0	0.085	0.005	266.604	0.002%	99.587%
127.0	0.102	0.008	266.612	0.003%	99.590%
128.0	0.094	0.009	266.621	0.003%	99.593%
129.0	0.136	0.010	266.631	0.004%	99.597%
130.0	0.145	0.012	266.643	0.004%	99.601%
131.0	0.128	0.011	266.654	0.004%	99.606%
132.0	0.145	0.011	266.665	0.004%	99.610%
133.0	0.153	0.012	266.677	0.005%	99.614%
134.0	0.179	0.013	266.690	0.005%	99.619%
135.0	0.230	0.016	266.706	0.006%	99.625%
136.0	0.239	0.018	266.724	0.007%	99.632%
137.0	0.239	0.018	266.743	0.007%	99.639%
138.0	0.264	0.019	266.761	0.007%	99.646%
139.0	0.290	0.020	266.781	0.008%	99.653%
140.0	0.324	0.022	266.803	0.008%	99.661%
141.0	0.341	0.023	266.826	0.009%	99.670%
142.0	0.375	0.024	266.851	0.009%	99.679%
143.0	0.401	0.026	266.877	0.010%	99.689%
144.0	0.401	0.026	266.903	0.010%	99.699%
145.0	0.418	0.026	266.929	0.010%	99.708%
146.0	0.435	0.026	266.955	0.010%	99.718%
147.0	0.477	0.028	266.983	0.010%	99.729%
148.0	0.512	0.029	267.012	0.011%	99.739%
149.0	0.520	0.030	267.042	0.011%	99.751%
150.0	0.546	0.030	267.071	0.011%	99.762%
151.0	0.571	0.030	267.101	0.011%	99.773%

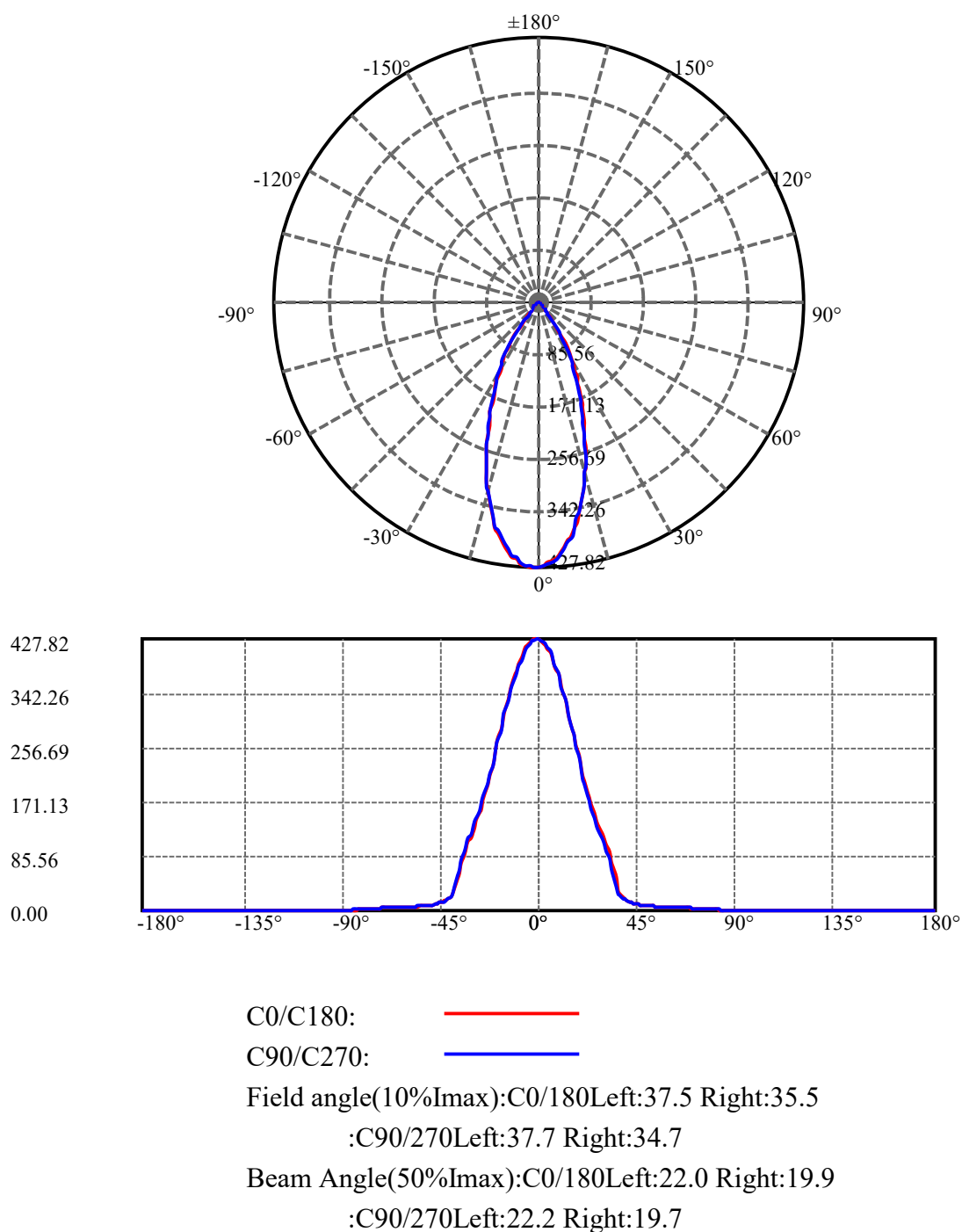
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.614	0.031	267.132	0.012%	99.784%
153.0	0.639	0.032	267.164	0.012%	99.796%
154.0	0.639	0.031	267.196	0.012%	99.808%
155.0	0.665	0.031	267.226	0.012%	99.819%
156.0	0.674	0.030	267.257	0.011%	99.831%
157.0	0.725	0.031	267.287	0.011%	99.842%
158.0	0.750	0.031	267.318	0.012%	99.854%
159.0	0.767	0.030	267.349	0.011%	99.865%
160.0	0.810	0.030	267.379	0.011%	99.877%
161.0	0.801	0.029	267.409	0.011%	99.888%
162.0	0.810	0.028	267.437	0.010%	99.898%
163.0	0.836	0.027	267.464	0.010%	99.908%
164.0	0.844	0.026	267.490	0.010%	99.918%
165.0	0.844	0.025	267.515	0.009%	99.927%
166.0	0.870	0.024	267.538	0.009%	99.936%
167.0	0.878	0.022	267.561	0.008%	99.944%
168.0	0.895	0.021	267.582	0.008%	99.952%
169.0	0.895	0.020	267.601	0.007%	99.959%
170.0	0.921	0.018	267.619	0.007%	99.966%
171.0	0.955	0.017	267.636	0.006%	99.973%
172.0	0.955	0.015	267.652	0.006%	99.978%
173.0	0.946	0.014	267.665	0.005%	99.983%
174.0	0.955	0.012	267.677	0.004%	99.988%
175.0	0.955	0.010	267.687	0.004%	99.992%
176.0	0.955	0.008	267.695	0.003%	99.995%
177.0	0.955	0.006	267.702	0.002%	99.997%
178.0	0.955	0.005	267.706	0.002%	99.999%
179.0	0.972	0.003	267.709	0.001%	100.000%
180.0	0.000	0.000	267.710	0.000%	100.000%

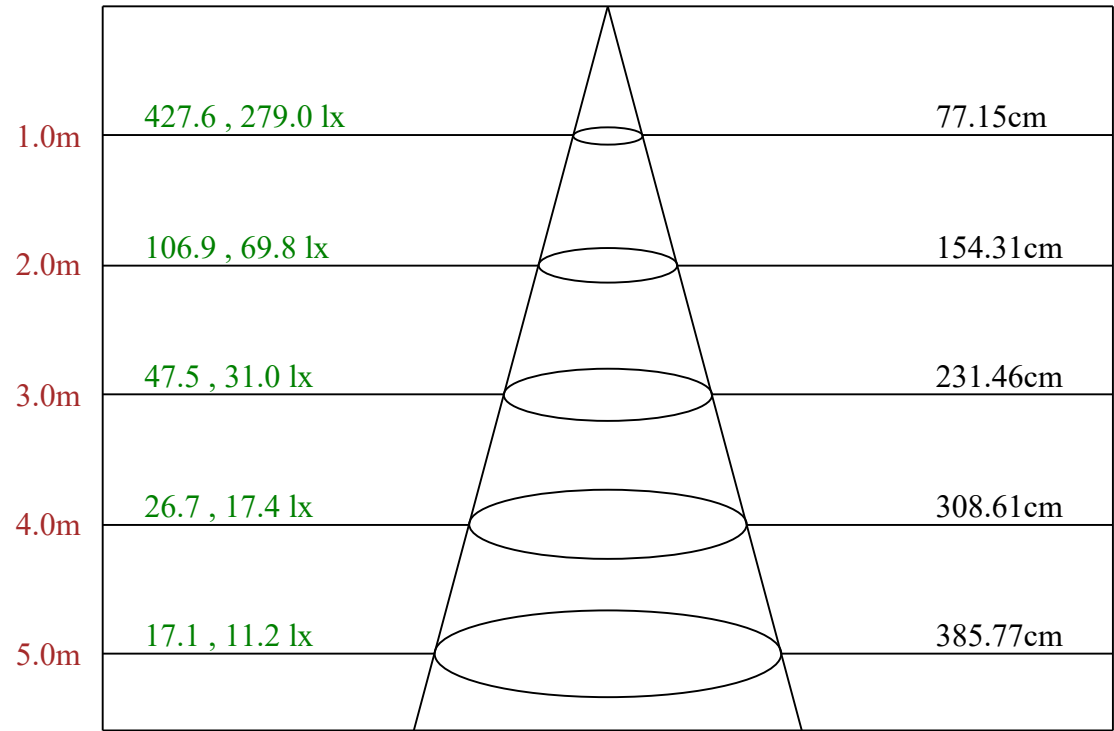
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	196.65	73.46%
0-40	240.84	89.96%
0-60	257.27	96.10%
0-90	266.59	99.58%
0-120	266.59	99.58%
0-180	267.71	100.00%
60-90	9.31	3.48%
90-120	0.00	0.00%
90-130	0.06	0.02%
90-150	0.48	0.18%
90-180	1.12	0.42%
0-32.92	214.17	80.00%

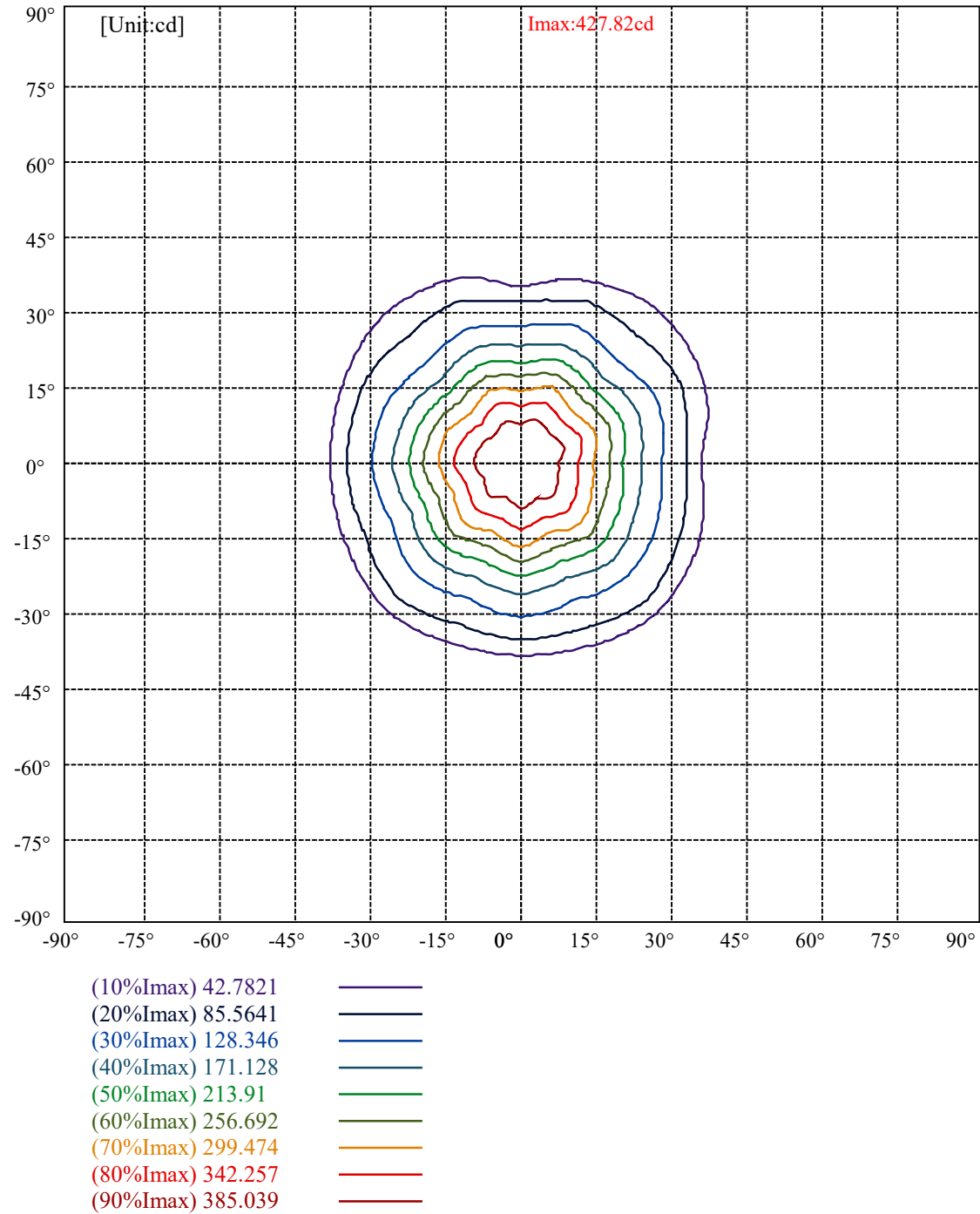
ZONAL LUMEN SUMMARY

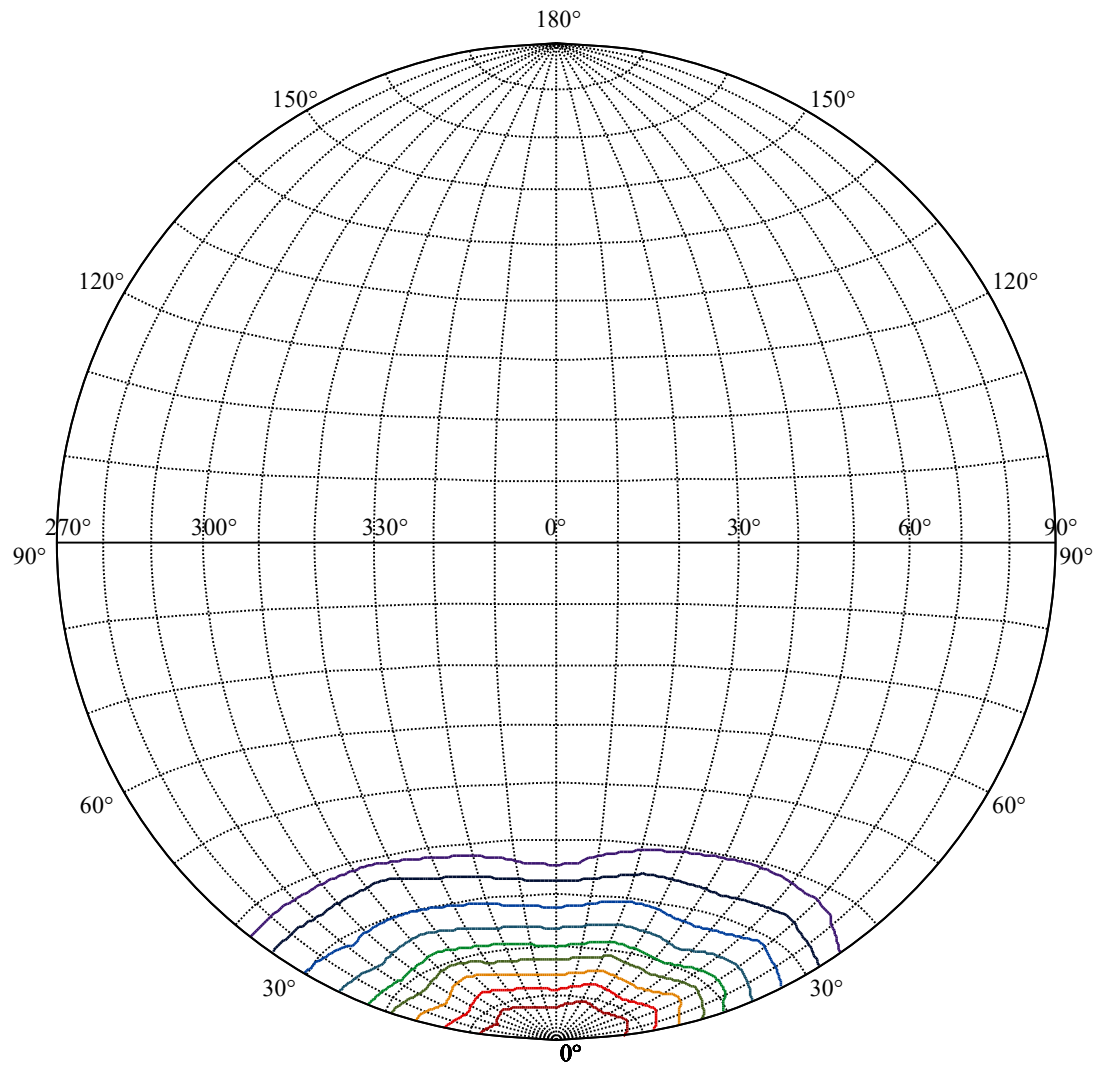
0-10	37.86
10-20	83.30
20-30	75.49
30-40	44.19
40-50	10.30
50-60	6.14
60-70	4.96
70-80	3.33
80-90	1.02
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.05
130-140	0.16
140-150	0.27
150-160	0.31
160-170	0.24
170-180	0.09





Max , Ave Beam angle of C67.5 plane 42.19



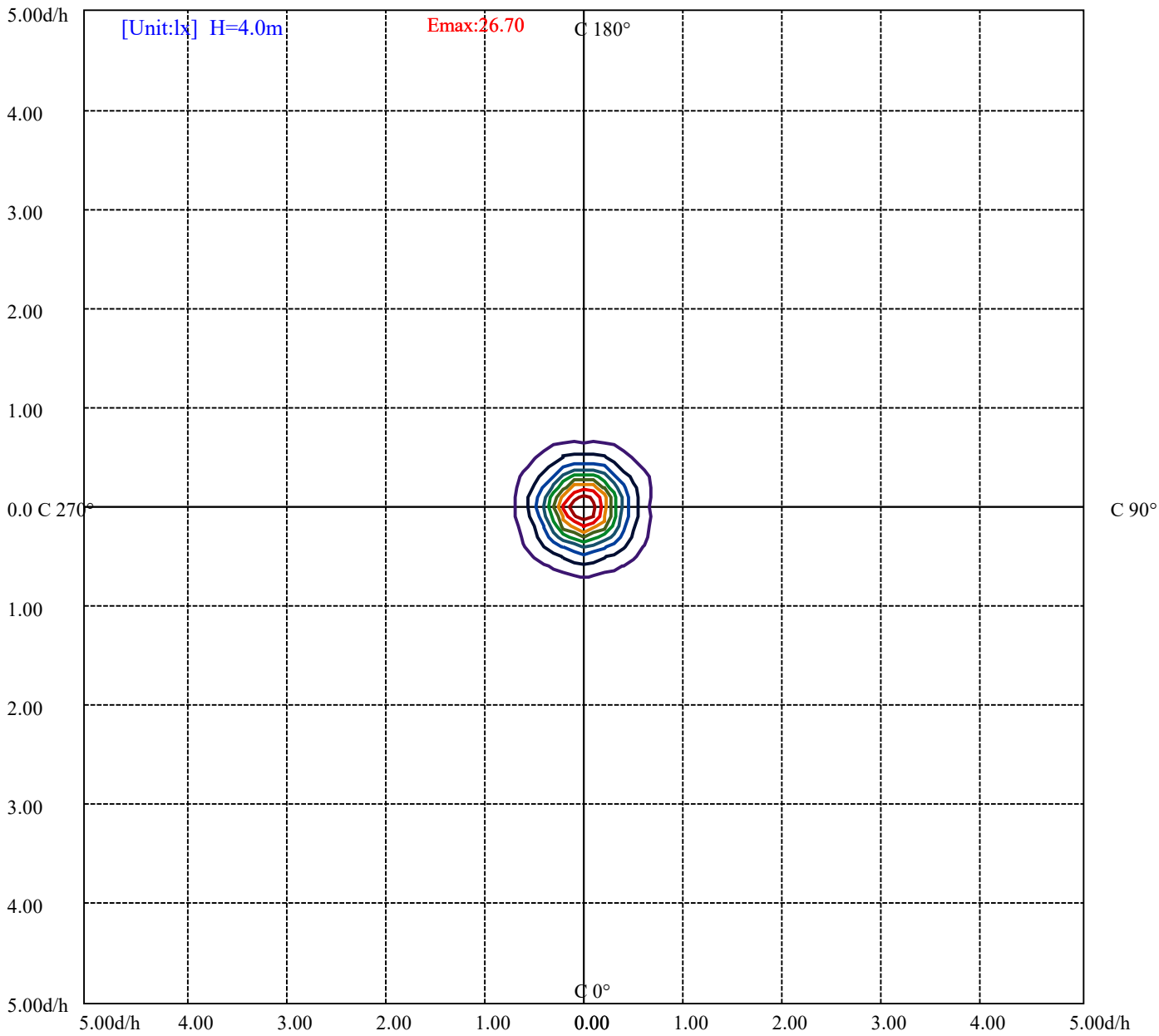


House

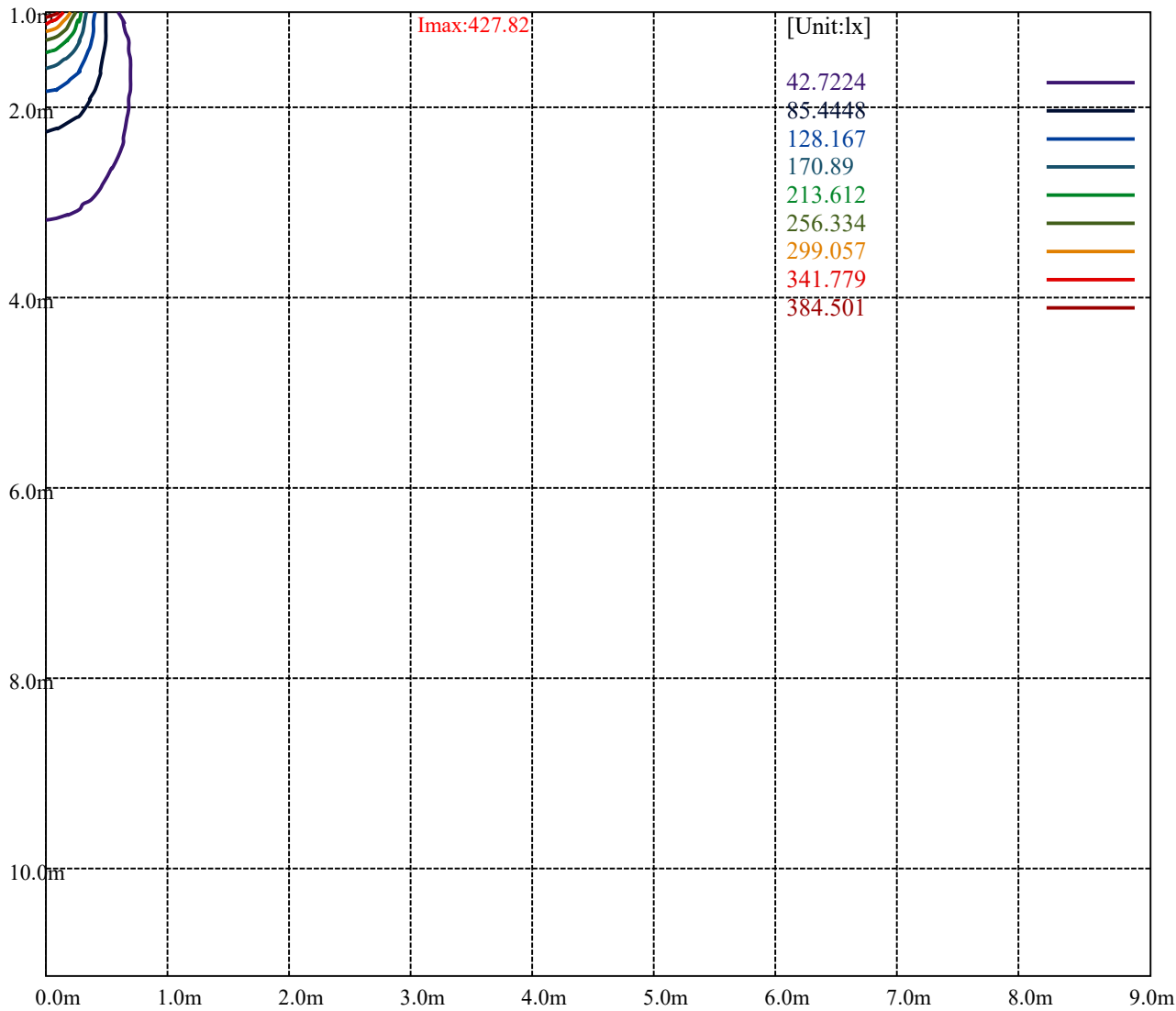
[Unit:cd]

Road

Imax:427.82	
(10%Imax) 42.7821	—
(20%Imax) 85.5641	—
(30%Imax) 128.346	—
(40%Imax) 171.128	—
(50%Imax) 213.91	—
(60%Imax) 256.692	—
(70%Imax) 299.474	—
(80%Imax) 342.257	—
(90%Imax) 385.039	—



(10%Emax)	2.67015	—
(20%Emax)	5.340294	—
(30%Emax)	8.010438	—
(40%Emax)	10.68056	—
(50%Emax)	13.35075	—
(60%Emax)	16.02088	—
(70%Emax)	18.69106	—
(80%Emax)	21.36119	—
(90%Emax)	24.03131	—



Luminance Table

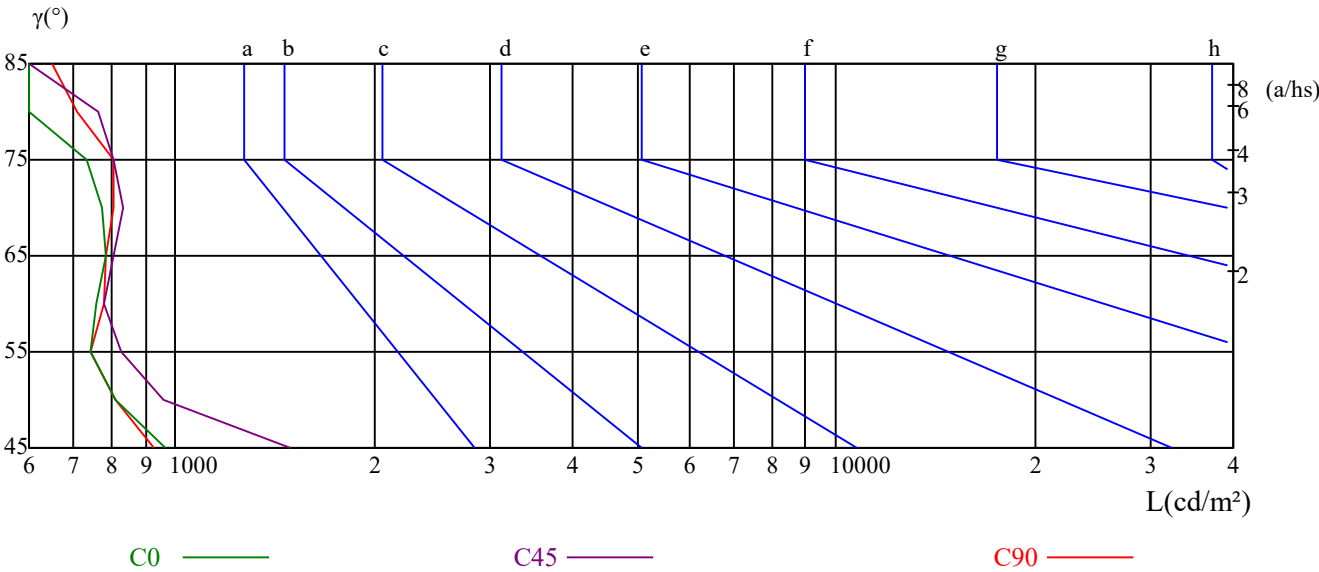
γ	45	50	55	60	65	70	75	80	85
C0	965	811	743	758	785	776	732	600	326
C45	1487	958	826	777	807	831	805	764	543
C90	924	811	743	777	785	803	805	709	652

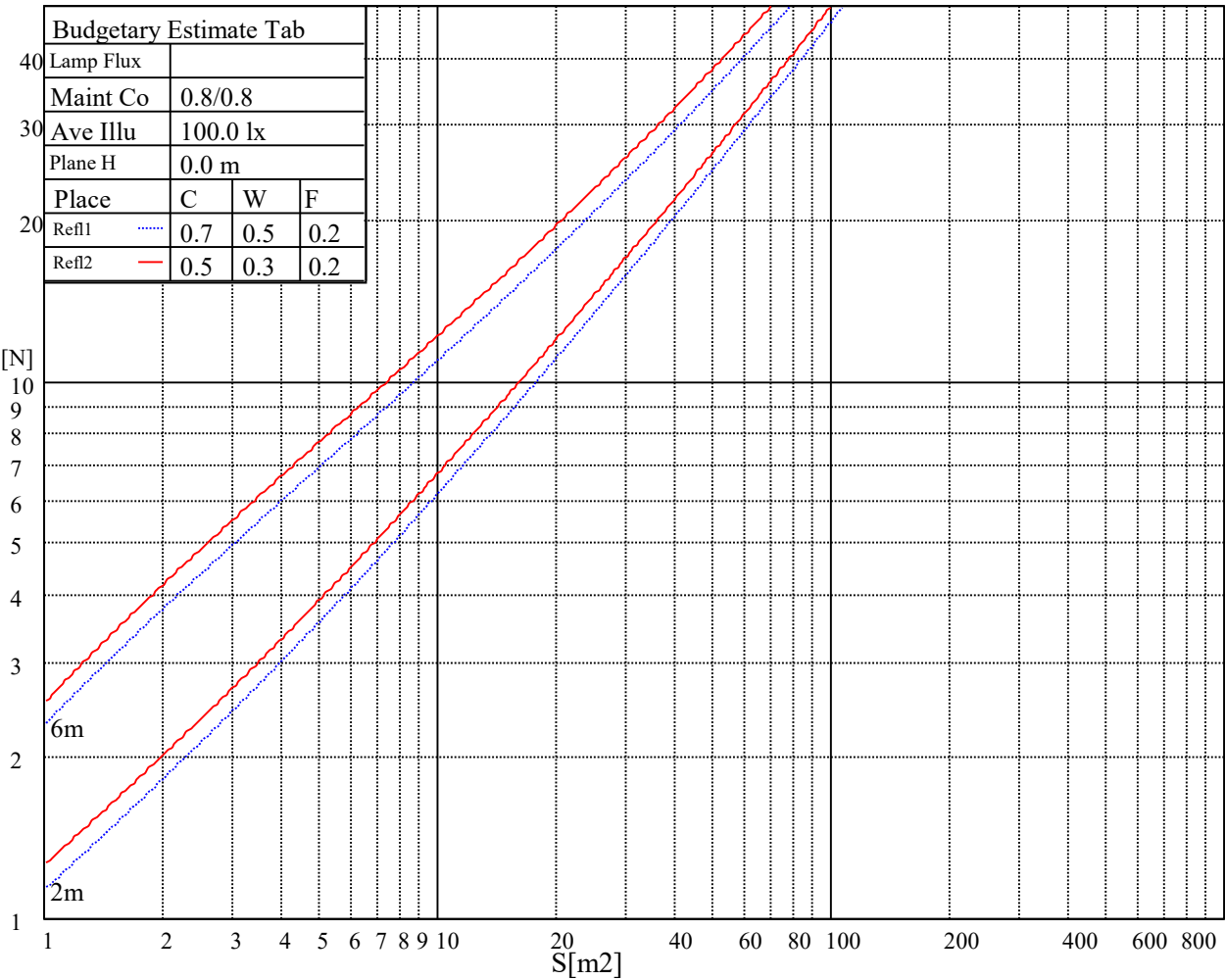
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
807	807	829	787	860	851	489	815	761

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	1.00	1.00	0.99	0.97	0.97	0.95	0.94	0.93
2	1.02	0.98	0.95	1.01	0.97	0.94	0.97	0.94	0.92	0.94	0.92	0.90	0.92	0.89	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	0.90	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	0.76	0.72	0.78	0.75	0.72	0.70
6	0.79	0.74	0.69	0.79	0.73	0.69	0.77	0.72	0.69	0.76	0.71	0.68	0.74	0.70	0.68	0.66
7	0.75	0.69	0.65	0.74	0.69	0.65	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.62
8	0.71	0.65	0.61	0.71	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.60	0.59
9	0.68	0.62	0.58	0.67	0.62	0.58	0.66	0.61	0.58	0.65	0.61	0.57	0.64	0.60	0.57	0.56
10	0.64	0.59	0.55	0.64	0.58	0.55	0.63	0.58	0.55	0.62	0.58	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	427.22	425.23	421.00	418.27	412.68	405.72	397.94	387.17	381.30
22.5	427.22	427.68	427.14	426.32	421.14	416.50	413.09	404.77	396.31
45.0	427.22	426.87	423.86	421.68	416.91	406.54	401.90	393.03	387.17
67.5	427.22	427.82	427.41	426.59	423.18	417.04	413.50	406.27	401.35
90.0	427.22	426.05	422.64	420.18	415.13	408.45	400.40	389.21	382.94
112.5	427.22	427.55	426.59	425.50	421.55	414.72	410.90	402.31	393.58
135.0	427.22	424.68	420.45	417.73	412.27	405.58	398.22	387.30	381.16
157.5	427.22	427.14	425.37	423.73	419.36	412.13	408.45	401.35	396.17
180.0	427.22	427.82	426.73	424.41	422.36	416.63	413.36	405.58	397.67
202.5	427.22	425.23	421.41	418.82	413.77	407.49	400.13	389.62	383.62
225.0	427.22	427.41	426.05	424.68	420.59	415.95	410.09	401.35	392.90
247.5	427.22	424.96	421.14	418.41	412.95	406.27	398.49	387.71	377.75
270.0	427.22	427.55	425.91	424.82	420.59	413.63	409.95	401.49	393.44
292.5	427.22	425.09	420.86	418.13	412.54	406.13	398.35	387.71	381.98
315.0	427.22	427.41	426.73	425.64	421.68	414.72	411.18	402.45	394.26
337.5	427.22	426.32	423.18	420.59	415.54	409.40	402.17	392.21	383.07
360.0	427.22	425.23	421.00	418.27	412.68	405.72	397.94	387.17	381.30

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	370.80	359.34	344.88	331.64	317.45	302.86	285.53	276.53	261.25
22.5	386.76	376.53	369.70	355.11	341.87	328.23	311.18	296.31	287.03
45.0	371.61	357.02	349.10	335.46	321.14	305.86	287.31	277.76	261.79
67.5	386.21	375.57	368.89	354.02	340.92	327.14	312.54	303.54	284.85
90.0	372.16	353.06	345.42	332.05	318.00	303.13	284.71	275.30	258.52
112.5	383.76	373.12	366.43	351.56	338.33	324.82	310.63	292.49	276.53
135.0	365.34	350.47	342.69	329.19	314.86	299.99	281.58	272.16	256.20
157.5	380.62	369.84	362.75	347.88	334.37	320.87	307.36	298.77	280.89
180.0	388.39	378.30	371.61	357.29	344.74	331.78	316.09	302.31	287.58
202.5	372.71	361.25	348.97	333.83	320.59	306.81	290.31	281.71	266.57
225.0	387.30	372.57	365.88	351.42	339.01	326.05	312.82	304.63	287.71
247.5	366.98	353.47	346.24	333.69	320.32	306.81	290.44	281.99	267.52
270.0	384.30	374.48	367.93	354.43	342.28	329.87	316.64	308.18	285.26
292.5	371.89	354.29	347.20	334.64	321.27	307.91	291.13	282.39	267.66
315.0	385.53	375.98	369.84	356.47	344.60	331.92	318.55	310.36	293.17
337.5	373.25	360.56	353.61	341.60	328.64	314.86	297.81	288.94	273.94
360.0	370.80	359.34	344.88	331.64	317.45	302.86	285.53	276.53	261.25

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	245.01	229.74	212.14	203.82	185.94	178.44	166.44	154.16	144.33
22.5	265.21	255.79	237.37	221.28	206.54	192.49	184.85	170.26	159.07
45.0	245.83	230.42	212.68	198.63	185.40	169.98	162.89	151.43	141.20
67.5	268.89	252.79	236.28	226.87	202.59	188.40	180.62	166.03	154.70
90.0	241.88	225.78	207.50	198.63	179.67	172.17	160.16	146.93	136.83
112.5	260.16	250.47	230.28	214.18	198.63	184.58	176.67	161.93	150.75
135.0	240.38	224.69	206.82	198.22	179.53	163.98	156.75	145.56	135.47
157.5	265.34	249.52	230.69	215.41	206.27	186.35	178.30	163.84	152.79
180.0	272.57	263.30	244.47	228.92	213.91	199.72	191.67	176.12	159.75
202.5	251.15	235.87	218.14	209.41	195.36	174.48	167.39	156.20	145.56
225.0	273.25	258.52	243.79	235.06	212.14	198.63	190.99	176.12	164.12
247.5	243.92	234.92	220.87	206.82	193.58	178.85	171.89	160.57	150.20
270.0	271.07	262.20	244.33	229.74	215.68	202.31	194.67	180.08	168.75
292.5	252.79	238.06	220.60	212.14	193.72	178.99	172.03	161.25	151.29
315.0	272.57	263.84	246.24	231.65	217.59	204.22	196.72	182.26	169.98
337.5	250.34	244.33	226.05	217.46	197.95	182.67	175.58	164.80	154.29
360.0	245.01	229.74	212.14	203.82	185.94	178.44	166.44	154.16	144.33

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	135.06	124.28	119.23	111.32	102.59	93.18	77.76	68.76	53.07
22.5	148.43	138.74	133.28	120.05	112.00	107.36	98.63	91.54	83.63
45.0	131.51	120.87	116.10	108.32	97.13	94.40	86.76	83.08	75.03
67.5	144.20	134.51	129.06	118.96	110.77	102.86	93.86	85.54	80.63
90.0	127.42	116.37	111.32	103.00	94.13	83.49	65.76	57.02	37.52
112.5	140.52	130.83	125.51	112.68	104.91	100.41	91.68	84.31	76.67
135.0	126.46	116.37	111.73	104.50	97.81	91.54	84.31	81.03	73.26
157.5	142.42	133.01	127.83	118.01	110.09	102.32	94.68	90.04	76.40
180.0	153.20	142.83	131.10	122.23	113.91	109.00	99.04	88.54	74.76
202.5	135.88	125.10	120.05	112.00	104.23	96.72	87.04	82.40	73.40
225.0	152.52	141.74	135.88	124.96	116.78	109.14	101.91	97.81	87.45
247.5	140.24	129.19	124.14	115.96	107.77	100.00	90.45	82.40	72.03
270.0	157.70	145.56	141.74	130.97	118.41	113.37	102.73	93.59	80.35
292.5	141.74	130.83	125.78	118.01	110.23	102.45	93.31	88.40	80.22
315.0	158.66	148.02	142.02	128.10	120.05	115.41	106.68	100.00	93.59
337.5	144.47	133.97	128.78	120.73	112.82	104.91	95.50	86.90	77.35
360.0	135.06	124.28	119.23	111.32	102.59	93.18	77.76	68.76	53.07
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	31.92	26.74	21.28	19.24	16.10	14.05	13.23	11.73	10.64
22.5	75.31	69.30	55.39	43.25	32.33	23.06	18.55	16.10	14.46
45.0	68.07	64.66	59.07	53.48	32.33	23.74	19.64	18.14	15.14
67.5	64.53	56.89	41.47	31.10	23.74	19.64	18.14	15.69	14.19
90.0	26.47	23.19	19.92	17.60	15.82	13.78	12.96	11.46	10.50
112.5	66.85	59.89	45.84	34.65	26.33	21.01	18.96	16.23	14.73
135.0	66.71	63.44	58.12	41.75	31.24	24.01	19.92	18.28	19.78
157.5	64.66	56.62	41.75	31.24	24.01	19.92	18.28	15.82	14.32
180.0	58.53	50.07	34.24	26.06	21.55	18.42	16.37	14.73	13.23
202.5	62.48	48.02	36.56	27.42	21.55	17.87	16.64	15.01	13.51
225.0	81.58	57.02	48.02	36.56	27.01	21.01	17.33	15.96	14.19
247.5	57.02	49.25	36.70	27.01	21.01	17.33	15.96	14.19	12.82
270.0	64.80	54.57	37.79	27.15	21.55	18.55	16.10	14.32	12.82
292.5	62.62	55.11	42.43	31.65	23.60	18.55	17.05	15.14	13.64
315.0	87.72	62.62	54.71	42.02	30.70	23.33	18.28	16.92	15.01
337.5	63.03	54.71	42.02	30.70	23.33	18.28	16.92	15.01	13.51
360.0	31.92	26.74	21.28	19.24	16.10	14.05	13.23	11.73	10.64
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	9.82	9.00	8.73	8.32	7.91	7.50	7.09	6.68	6.41
22.5	13.64	12.01	10.91	9.96	9.14	8.87	8.32	7.91	7.64
45.0	15.14	12.28	10.91	10.10	9.28	8.87	8.19	7.78	7.37
67.5	12.82	11.60	10.37	9.41	8.73	8.46	8.05	7.78	7.37
90.0	9.41	8.87	8.46	8.05	7.64	7.50	7.09	6.68	6.41
112.5	13.37	11.73	10.64	9.69	8.87	8.73	8.19	7.78	7.50
135.0	14.87	12.01	10.91	10.10	9.14	8.73	8.19	7.64	7.37
157.5	12.96	11.32	10.91	9.28	8.87	8.59	8.05	7.64	7.37
180.0	12.28	10.78	9.55	9.00	8.59	8.32	7.91	7.37	7.09
202.5	12.28	10.78	10.23	9.14	8.32	8.05	7.78	7.50	7.09
225.0	12.82	11.60	15.28	12.28	10.91	10.37	9.55	8.73	8.19
247.5	11.60	10.37	9.82	9.00	8.32	8.19	7.78	7.37	6.96
270.0	12.01	10.64	9.69	9.14	8.59	8.32	7.91	7.50	7.09
292.5	12.41	10.91	10.23	9.14	8.59	8.32	7.91	7.64	7.23
315.0	13.51	12.01	10.78	9.96	11.60	10.91	9.82	9.14	8.59
337.5	12.01	10.78	9.96	9.14	8.46	8.32	7.91	7.64	7.23
360.0	9.82	9.00	8.73	8.32	7.91	7.50	7.09	6.68	6.41

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	6.28	6.14	6.00	5.87	5.73	5.59	5.46	5.32	5.05
22.5	7.23	6.96	6.68	6.28	6.28	5.87	5.87	5.73	5.59
45.0	6.96	6.82	6.41	6.14	6.00	5.73	5.59	5.46	5.32
67.5	7.09	6.82	6.55	6.28	6.14	6.00	5.87	5.73	5.59
90.0	6.28	6.14	6.00	5.87	5.73	5.59	5.59	5.32	5.18
112.5	7.23	6.96	6.41	6.28	6.28	6.00	5.87	5.73	5.59
135.0	6.96	6.82	6.41	6.28	6.00	5.73	5.73	5.59	5.32
157.5	7.09	6.82	6.55	6.28	6.14	6.00	6.00	5.73	5.59
180.0	6.82	6.55	6.28	6.14	6.14	5.87	5.73	5.59	5.46
202.5	6.68	6.55	6.28	6.14	6.00	5.87	5.73	5.59	5.46
225.0	7.64	7.50	6.96	6.55	6.41	6.14	6.14	5.73	5.59
247.5	6.68	6.41	6.28	6.14	6.00	5.87	5.73	5.59	5.46
270.0	6.82	6.68	6.28	6.14	6.00	6.00	5.73	5.59	5.46
292.5	6.82	6.55	6.41	6.14	6.00	5.87	5.73	5.73	5.46
315.0	8.05	7.78	7.09	6.82	6.68	6.41	6.14	5.87	5.73
337.5	6.82	6.68	6.41	6.14	6.00	5.87	5.87	5.73	5.46
360.0	6.28	6.14	6.00	5.87	5.73	5.59	5.46	5.32	5.05
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	5.05	4.77	4.77	4.50	4.37	4.23	3.96	3.82	3.68
22.5	5.46	5.32	5.18	4.91	4.91	4.77	4.50	4.37	4.09
45.0	5.18	5.05	4.91	4.77	4.50	4.37	4.23	4.09	3.82
67.5	5.46	5.32	5.18	4.91	4.77	4.77	4.50	4.37	4.09
90.0	5.05	4.91	4.77	4.50	4.37	4.23	4.09	3.96	3.68
112.5	5.59	5.32	5.18	5.05	4.91	4.77	4.64	4.23	4.23
135.0	5.18	5.05	4.91	4.64	4.50	4.37	4.23	3.96	3.82
157.5	5.46	5.32	5.18	5.05	4.77	4.77	4.50	4.37	4.09
180.0	5.46	5.18	5.05	4.91	4.64	4.50	4.37	4.23	4.09
202.5	5.32	5.18	4.91	4.77	4.64	4.50	4.37	4.09	3.96
225.0	5.59	5.32	5.18	5.05	4.91	4.77	4.50	4.37	4.23
247.5	5.32	5.18	5.05	4.77	4.64	4.50	4.23	4.09	3.96
270.0	5.32	5.18	5.05	4.91	4.77	4.50	4.37	4.23	4.09
292.5	5.32	5.18	5.05	4.91	4.64	4.50	4.37	4.09	3.96
315.0	5.59	5.46	5.18	5.18	4.91	4.77	4.64	4.37	4.23
337.5	5.32	5.18	5.05	4.77	4.64	4.64	4.37	4.23	3.96
360.0	5.05	4.77	4.77	4.50	4.37	4.23	3.96	3.82	3.68
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	3.27	3.27	3.00	2.73	2.46	2.32	2.05	1.77	1.50
22.5	3.96	3.68	3.41	3.27	3.14	2.86	2.59	2.32	2.05
45.0	3.55	3.41	3.14	3.00	2.86	2.59	2.46	2.18	1.91
67.5	3.96	3.82	3.55	3.41	3.27	3.00	2.86	2.59	2.32
90.0	3.55	3.41	3.14	3.00	2.73	2.46	2.32	2.18	1.77
112.5	3.96	3.82	3.68	3.41	3.27	3.00	2.73	2.59	2.18
135.0	3.55	3.41	3.14	2.86	2.73	2.46	2.18	1.91	1.64
157.5	3.82	3.68	3.55	3.14	3.14	2.73	2.59	2.32	2.05
180.0	3.82	3.55	3.41	3.14	3.00	2.73	2.46	2.32	2.05
202.5	3.68	3.55	3.14	2.86	2.73	2.46	2.18	2.05	1.77
225.0	3.96	3.82	3.55	3.41	3.27	3.00	2.73	2.46	2.32
247.5	3.68	3.55	3.27	3.00	3.00	2.73	2.59	2.32	2.05
270.0	3.96	3.68	3.55	3.41	3.14	3.00	2.73	2.59	2.32
292.5	3.82	3.68	3.41	3.14	3.00	2.73	2.59	2.32	2.05
315.0	4.09	3.82	3.68	3.41	3.27	3.14	2.73	2.59	2.32
337.5	3.82	3.55	3.41	3.14	3.00	2.73	2.46	2.18	1.91
360.0	3.27	3.27	3.00	2.73	2.46	2.32	2.05	1.77	1.50

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

Date: 2024-11-14
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE4R-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	1.36	1.09	0.82	0.68	0.41	0.41	0.14	0.00	0.00
22.5	1.91	1.64	1.36	1.36	0.95	0.82	0.68	0.27	0.27
45.0	1.77	1.36	1.09	0.95	0.68	0.55	0.27	0.00	0.00
67.5	2.18	1.91	1.77	1.50	1.09	1.09	0.68	0.41	0.27
90.0	1.77	1.36	1.23	0.95	0.82	0.55	0.27	0.00	0.00
112.5	2.05	1.77	1.50	1.50	1.09	0.82	0.55	0.27	0.27
135.0	1.50	1.36	1.09	0.95	0.68	0.41	0.14	0.00	0.00
157.5	1.91	1.64	1.23	1.09	0.82	0.68	0.41	0.27	0.14
180.0	1.77	1.50	1.23	1.09	0.82	0.55	0.41	0.27	0.27
202.5	1.64	1.36	1.23	0.95	0.68	0.55	0.27	0.00	0.00
225.0	2.18	1.91	1.64	1.36	1.23	0.95	0.68	0.41	0.27
247.5	1.91	1.64	1.36	1.09	0.82	0.68	0.41	0.14	0.00
270.0	2.18	1.91	1.64	1.50	1.23	1.09	0.68	0.55	0.41
292.5	1.91	1.64	1.50	1.23	0.82	0.82	0.41	0.14	0.00
315.0	2.05	1.77	1.64	1.50	1.23	0.95	0.82	0.55	0.41
337.5	1.77	1.50	1.09	1.09	0.82	0.55	0.41	0.14	0.00
360.0	1.36	1.09	0.82	0.68	0.41	0.41	0.14	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	0.14	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	0.14	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	0.14	0.00	0.14	0.00
67.5	0.00	0.14	0.00	0.00	0.00	0.14	0.00	0.00	0.14
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
135.0	0.00	0.14	0.00	0.00	0.00	0.14	0.14	0.14	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	0.00	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	0.14	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	0.14	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	0.14	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	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
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	0.27	0.27
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
135.0	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.27
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
180.0	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
315.0	0.00	0.00	0.14	0.14	0.14	0.00	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	0.00	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27

SPKPL-RDLRE4R-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	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41
22.5	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
45.0	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
67.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41
90.0	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.55
112.5	0.27	0.27	0.27	0.41	0.27	0.41	0.41	0.41	0.41
135.0	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
157.5	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
180.0	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41	0.41
202.5	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
225.0	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.41
247.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41
270.0	0.14	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.27
292.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41
315.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
337.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41	0.41
360.0	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.41	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.55
22.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68
45.0	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.68
67.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.68
90.0	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.68
112.5	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.68	0.68
135.0	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68
157.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.55
180.0	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55
202.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68
225.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.55
247.5	0.41	0.41	0.41	0.55	0.41	0.55	0.55	0.55	0.55
270.0	0.41	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55
292.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55
315.0	0.27	0.27	0.41	0.41	0.55	0.41	0.55	0.55	0.55
337.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68
360.0	0.41	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.55
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82	0.82
22.5	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82
45.0	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82
67.5	0.68	0.68	0.68	0.68	0.82	0.68	0.82	0.68	0.82
90.0	0.68	0.55	0.68	0.68	0.82	0.82	0.82	0.95	0.82
112.5	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82
135.0	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82
157.5	0.68	0.68	0.68	0.68	0.82	0.68	0.82	0.82	0.82
180.0	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.82	0.68
202.5	0.55	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82
225.0	0.68	0.68	0.55	0.55	0.68	0.68	0.68	0.68	0.68
247.5	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82
270.0	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.82	0.82
292.5	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82
315.0	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.82	0.82
337.5	0.68	0.55	0.68	0.68	0.68	0.82	0.68	0.82	0.82
360.0	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82	0.82

Equipment: GMS-1800
Temperature(°C): 25.0Date: 2024-11-14
Humidity(%): 59.0%Operator: Liao
Distance(m): 11.68

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	0.82	0.82	0.82	0.95	0.82	0.82	0.82	0.95	0.95
22.5	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.82	0.95
45.0	0.82	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.82
67.5	0.82	0.82	0.95	0.82	0.95	0.95	0.95	0.95	0.95
90.0	0.82	0.95	0.95	0.82	0.95	0.95	0.95	0.82	0.95
112.5	0.82	0.82	0.95	0.82	0.95	0.82	0.95	0.95	0.95
135.0	0.82	0.82	0.82	0.95	0.95	0.95	0.95	0.95	0.95
157.5	0.82	0.95	0.82	0.82	0.82	0.95	0.95	0.95	0.82
180.0	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.95
202.5	0.82	0.82	0.82	0.82	0.82	0.95	0.82	0.95	0.95
225.0	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.82	0.95
247.5	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.82	0.82
270.0	0.82	0.82	0.82	0.95	0.82	0.82	0.82	0.82	0.95
292.5	0.82	0.82	0.82	0.82	0.95	0.82	0.82	0.95	0.95
315.0	0.68	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
337.5	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.95
360.0	0.82	0.82	0.82	0.95	0.82	0.82	0.82	0.95	0.95
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
22.5	0.95	0.95	0.82	0.95	0.95	0.95	0.95	0.95	0.95
45.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
67.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
90.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
112.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09
135.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09
157.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
180.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
202.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
225.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
247.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
270.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
292.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
315.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
337.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
360.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
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								