



Bell-Southcn Testing Laboratory(Shenzhen)

www.bell-southcn.com

Email:Marketing@bell-southcn.com

Tel:+86 189 2384 7751

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

Client:

LumCAT: SPKPL-RDLRE2R-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111201-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.051

Lamp flux(lm)

Power (W): 6.050

Number of Lamps: 1

PF: 0.985

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 290.19, Luminous Efficacy(lm/W): 47.97

Central intensity(cd): 362.25, Maximum intensity(cd): 365.20

Angle of maximum intensity: $C=0.0$ $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=51.4

[C90/270]Total=50.4

Field angle(10%Imax): [C0/180]Total=73.5

[C90/270]Total=73.0

Maximum s/h(1/2): C0_180=0.84 C90_270=0.75

Maximum s/h(1/4): C0_180=0.82 C90_270=0.74

Up flux rate of LUM(%): 0.39%

Down flux rate of LUM(%): 99.61%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 93.684%

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

Date: 2024-11-12
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	362.253	0.000	0.000	0.000%	0.000%
1.0	362.193	0.347	0.347	0.119%	0.119%
2.0	361.971	1.039	1.386	0.358%	0.478%
3.0	361.733	1.731	3.117	0.596%	1.074%
4.0	360.888	2.419	5.536	0.834%	1.908%
5.0	359.379	3.099	8.634	1.068%	2.975%
6.0	357.827	3.769	12.403	1.299%	4.274%
7.0	355.065	4.425	16.828	1.525%	5.799%
8.0	352.089	5.061	21.889	1.744%	7.543%
9.0	347.408	5.669	27.558	1.954%	9.497%
10.0	341.371	6.233	33.792	2.148%	11.645%
11.0	337.381	6.782	40.574	2.337%	13.982%
12.0	329.452	7.289	47.863	2.512%	16.494%
13.0	320.789	7.717	55.580	2.659%	19.153%
14.0	311.469	8.093	63.673	2.789%	21.942%
15.0	300.155	8.397	72.069	2.893%	24.835%
16.0	293.155	8.694	80.763	2.996%	27.831%
17.0	279.939	8.925	89.688	3.075%	30.906%
18.0	266.680	9.013	98.700	3.106%	34.012%
19.0	256.261	9.098	107.798	3.135%	37.147%
20.0	242.892	9.136	116.934	3.148%	40.295%
21.0	233.154	9.141	126.075	3.150%	43.445%
22.0	220.237	9.111	135.186	3.140%	46.585%
23.0	206.049	8.945	144.131	3.082%	49.667%
24.0	198.810	8.852	152.983	3.050%	52.718%
25.0	186.651	8.765	161.747	3.020%	55.738%
26.0	174.987	8.537	170.284	2.942%	58.680%
27.0	163.784	8.288	178.572	2.856%	61.536%
28.0	151.054	7.971	186.543	2.747%	64.282%
29.0	142.962	7.692	194.235	2.651%	66.933%
30.0	128.987	7.343	201.578	2.530%	69.463%
31.0	114.586	6.778	208.356	2.336%	71.799%
32.0	103.920	6.260	214.616	2.157%	73.956%
33.0	89.689	5.704	220.320	1.966%	75.922%
34.0	74.742	4.976	225.296	1.715%	77.637%
35.0	62.098	4.250	229.546	1.464%	79.101%
36.0	50.280	3.578	233.124	1.233%	80.334%
37.0	44.201	3.081	236.205	1.062%	81.396%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	37.456	2.726	238.931	0.939%	82.335%
39.0	32.443	2.386	241.317	0.822%	83.158%
40.0	29.007	2.143	243.460	0.739%	83.896%
41.0	25.963	1.957	245.417	0.675%	84.571%
42.0	24.496	1.833	247.250	0.632%	85.202%
43.0	23.303	1.771	249.021	0.610%	85.812%
44.0	21.930	1.707	250.728	0.588%	86.401%
45.0	20.591	1.634	252.362	0.563%	86.964%
46.0	19.338	1.562	253.924	0.538%	87.502%
47.0	18.511	1.505	255.429	0.519%	88.021%
48.0	17.581	1.459	256.888	0.503%	88.524%
49.0	16.644	1.405	258.294	0.484%	89.008%
50.0	16.243	1.371	259.665	0.472%	89.480%
51.0	15.475	1.342	261.007	0.462%	89.943%
52.0	14.879	1.303	262.309	0.449%	90.392%
53.0	14.350	1.271	263.581	0.438%	90.830%
54.0	13.813	1.241	264.822	0.428%	91.257%
55.0	13.574	1.223	266.045	0.421%	91.679%
56.0	13.122	1.206	267.251	0.416%	92.094%
57.0	12.713	1.181	268.432	0.407%	92.502%
58.0	12.440	1.163	269.595	0.401%	92.902%
59.0	12.039	1.144	270.740	0.394%	93.297%
60.0	11.758	1.124	271.864	0.387%	93.684%
61.0	11.289	1.100	272.964	0.379%	94.063%
62.0	10.837	1.066	274.030	0.367%	94.431%
63.0	10.581	1.042	275.072	0.359%	94.789%
64.0	10.112	1.015	276.087	0.350%	95.139%
65.0	9.729	0.982	277.069	0.338%	95.478%
66.0	9.285	0.949	278.018	0.327%	95.805%
67.0	8.833	0.911	278.929	0.314%	96.119%
68.0	8.552	0.881	279.810	0.303%	96.422%
69.0	8.066	0.848	280.657	0.292%	96.714%
70.0	7.640	0.807	281.464	0.278%	96.992%
71.0	7.256	0.770	282.234	0.265%	97.258%
72.0	6.796	0.731	282.964	0.252%	97.509%
73.0	6.429	0.692	283.656	0.238%	97.748%
74.0	5.994	0.653	284.309	0.225%	97.973%
75.0	5.508	0.608	284.917	0.209%	98.182%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.244	0.571	285.488	0.197%	98.379%
77.0	4.775	0.534	286.022	0.184%	98.563%
78.0	4.374	0.490	286.511	0.169%	98.732%
79.0	3.965	0.448	286.959	0.154%	98.886%
80.0	3.479	0.401	287.361	0.138%	99.024%
81.0	3.223	0.362	287.723	0.125%	99.149%
82.0	2.711	0.322	288.045	0.111%	99.260%
83.0	2.234	0.269	288.314	0.093%	99.353%
84.0	1.893	0.225	288.539	0.077%	99.430%
85.0	1.441	0.182	288.721	0.063%	99.493%
86.0	1.108	0.139	288.860	0.048%	99.541%
87.0	0.699	0.099	288.959	0.034%	99.575%
88.0	0.341	0.057	289.016	0.020%	99.595%
89.0	0.188	0.029	289.045	0.010%	99.605%
90.0	0.026	0.012	289.057	0.004%	99.609%
91.0	0.000	0.001	289.058	0.000%	99.609%
92.0	0.000	0.000	289.058	0.000%	99.609%
93.0	0.000	0.000	289.058	0.000%	99.609%
94.0	0.000	0.000	289.058	0.000%	99.609%
95.0	0.000	0.000	289.058	0.000%	99.609%
96.0	0.000	0.000	289.058	0.000%	99.609%
97.0	0.000	0.000	289.058	0.000%	99.609%
98.0	0.000	0.000	289.058	0.000%	99.609%
99.0	0.000	0.000	289.058	0.000%	99.609%
100.0	0.000	0.000	289.058	0.000%	99.609%
101.0	0.000	0.000	289.058	0.000%	99.609%
102.0	0.000	0.000	289.058	0.000%	99.609%
103.0	0.000	0.000	289.058	0.000%	99.609%
104.0	0.000	0.000	289.058	0.000%	99.609%
105.0	0.000	0.000	289.058	0.000%	99.609%
106.0	0.000	0.000	289.058	0.000%	99.609%
107.0	0.000	0.000	289.058	0.000%	99.609%
108.0	0.000	0.000	289.058	0.000%	99.609%
109.0	0.000	0.000	289.058	0.000%	99.609%
110.0	0.000	0.000	289.058	0.000%	99.609%
111.0	0.000	0.000	289.058	0.000%	99.609%
112.0	0.000	0.000	289.058	0.000%	99.609%
113.0	0.000	0.000	289.058	0.000%	99.609%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.009	0.000	289.058	0.000%	99.609%
115.0	0.000	0.000	289.059	0.000%	99.609%
116.0	0.000	0.000	289.059	0.000%	99.609%
117.0	0.000	0.000	289.059	0.000%	99.609%
118.0	0.009	0.000	289.059	0.000%	99.610%
119.0	0.017	0.001	289.060	0.000%	99.610%
120.0	0.017	0.002	289.062	0.001%	99.611%
121.0	0.009	0.001	289.063	0.000%	99.611%
122.0	0.017	0.001	289.064	0.000%	99.611%
123.0	0.009	0.001	289.066	0.000%	99.612%
124.0	0.043	0.002	289.068	0.001%	99.613%
125.0	0.060	0.005	289.073	0.002%	99.614%
126.0	0.077	0.006	289.079	0.002%	99.616%
127.0	0.111	0.008	289.087	0.003%	99.619%
128.0	0.094	0.009	289.096	0.003%	99.622%
129.0	0.119	0.009	289.105	0.003%	99.625%
130.0	0.102	0.009	289.114	0.003%	99.629%
131.0	0.153	0.011	289.125	0.004%	99.632%
132.0	0.153	0.013	289.138	0.004%	99.637%
133.0	0.179	0.013	289.151	0.005%	99.641%
134.0	0.188	0.015	289.166	0.005%	99.646%
135.0	0.230	0.016	289.182	0.006%	99.652%
136.0	0.239	0.018	289.200	0.006%	99.658%
137.0	0.273	0.019	289.219	0.007%	99.665%
138.0	0.290	0.021	289.240	0.007%	99.672%
139.0	0.307	0.022	289.262	0.007%	99.679%
140.0	0.324	0.022	289.284	0.008%	99.687%
141.0	0.350	0.023	289.308	0.008%	99.695%
142.0	0.358	0.024	289.332	0.008%	99.704%
143.0	0.401	0.025	289.357	0.009%	99.712%
144.0	0.409	0.026	289.384	0.009%	99.721%
145.0	0.443	0.027	289.411	0.009%	99.731%
146.0	0.443	0.028	289.438	0.009%	99.740%
147.0	0.460	0.027	289.466	0.009%	99.750%
148.0	0.520	0.029	289.495	0.010%	99.760%
149.0	0.537	0.030	289.525	0.010%	99.770%
150.0	0.546	0.030	289.555	0.010%	99.780%
151.0	0.588	0.031	289.586	0.011%	99.791%

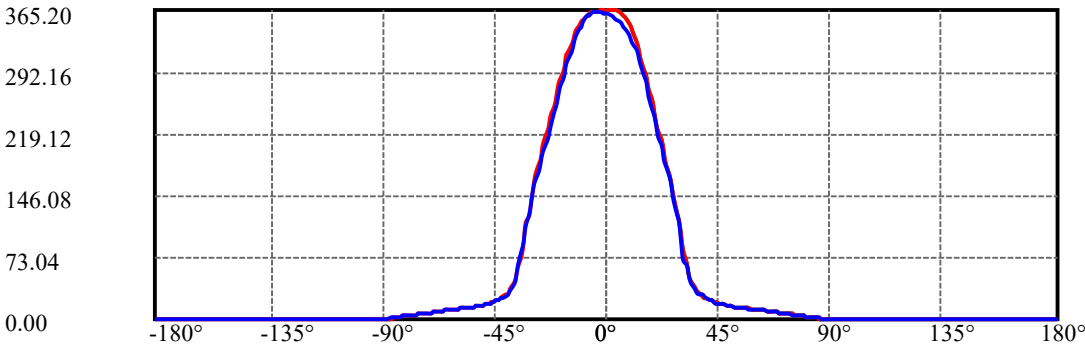
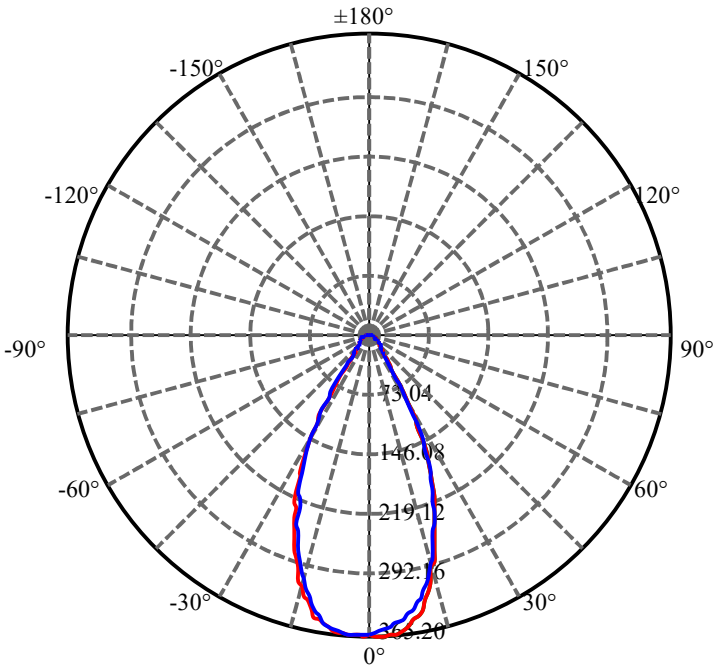
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.605	0.031	289.617	0.011%	99.802%
153.0	0.605	0.031	289.648	0.011%	99.812%
154.0	0.665	0.031	289.679	0.011%	99.823%
155.0	0.674	0.032	289.710	0.011%	99.834%
156.0	0.682	0.031	289.741	0.011%	99.845%
157.0	0.708	0.030	289.771	0.010%	99.855%
158.0	0.733	0.030	289.802	0.010%	99.865%
159.0	0.725	0.029	289.831	0.010%	99.876%
160.0	0.759	0.028	289.860	0.010%	99.885%
161.0	0.810	0.029	289.888	0.010%	99.895%
162.0	0.836	0.029	289.917	0.010%	99.905%
163.0	0.819	0.027	289.944	0.009%	99.915%
164.0	0.827	0.026	289.970	0.009%	99.923%
165.0	0.853	0.025	289.994	0.008%	99.932%
166.0	0.853	0.023	290.018	0.008%	99.940%
167.0	0.870	0.022	290.040	0.008%	99.947%
168.0	0.895	0.021	290.061	0.007%	99.955%
169.0	0.946	0.020	290.081	0.007%	99.962%
170.0	0.938	0.019	290.100	0.006%	99.968%
171.0	0.946	0.017	290.117	0.006%	99.974%
172.0	0.938	0.015	290.132	0.005%	99.979%
173.0	0.963	0.014	290.146	0.005%	99.984%
174.0	0.963	0.012	290.158	0.004%	99.988%
175.0	1.023	0.010	290.168	0.004%	99.992%
176.0	1.015	0.009	290.177	0.003%	99.995%
177.0	1.040	0.007	290.184	0.002%	99.997%
178.0	1.049	0.005	290.189	0.002%	99.999%
179.0	1.057	0.003	290.192	0.001%	100.000%
180.0	0.000	0.001	290.192	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	201.58	69.46%
0-40	243.46	83.90%
0-60	271.86	93.68%
0-90	289.06	99.61%
0-120	289.06	99.61%
0-180	290.19	100.00%
60-90	17.19	5.92%
90-120	0.01	0.00%
90-130	0.06	0.02%
90-150	0.50	0.17%
90-180	1.14	0.39%
0-35.73	232.15	80.00%

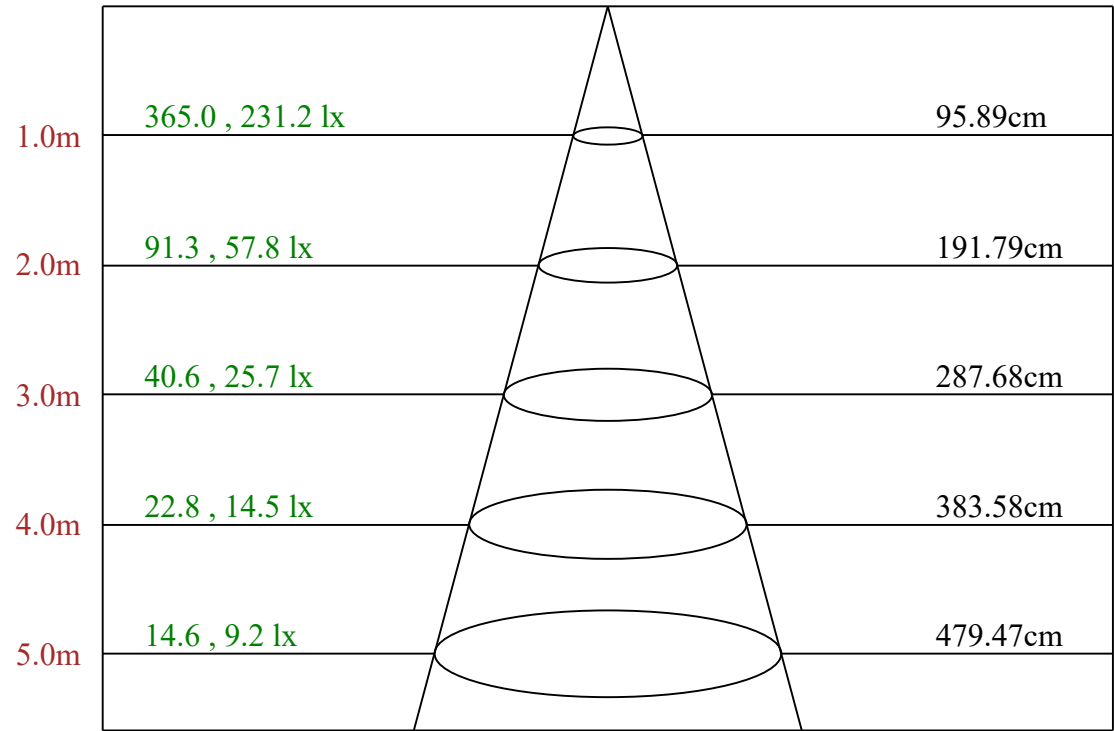
ZONAL LUMEN SUMMARY

0-10	33.79
10-20	83.14
20-30	84.64
30-40	41.88
40-50	16.21
50-60	12.20
60-70	9.60
70-80	5.90
80-90	1.70
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.05
130-140	0.17
140-150	0.27
150-160	0.30
160-170	0.24
170-180	0.09

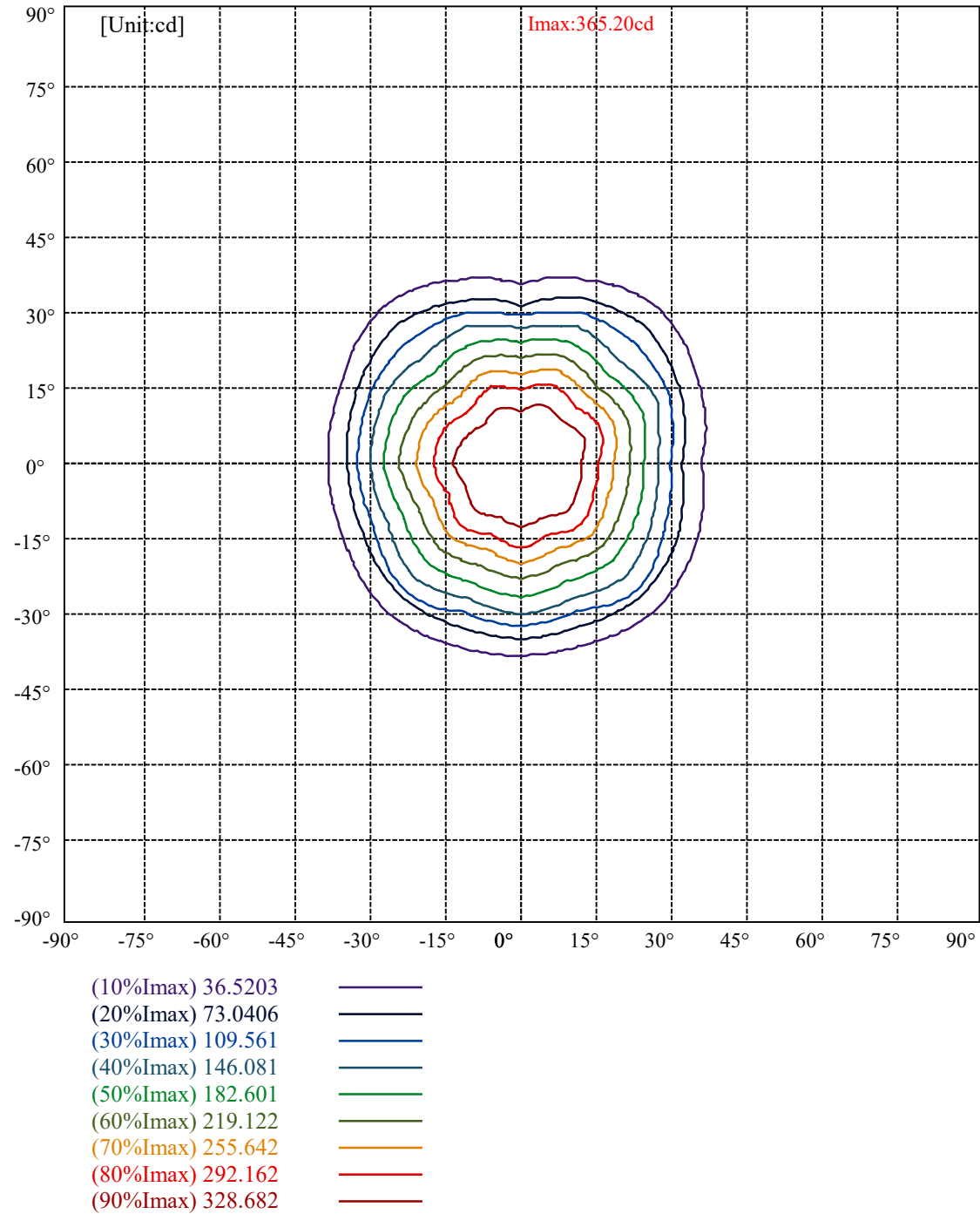


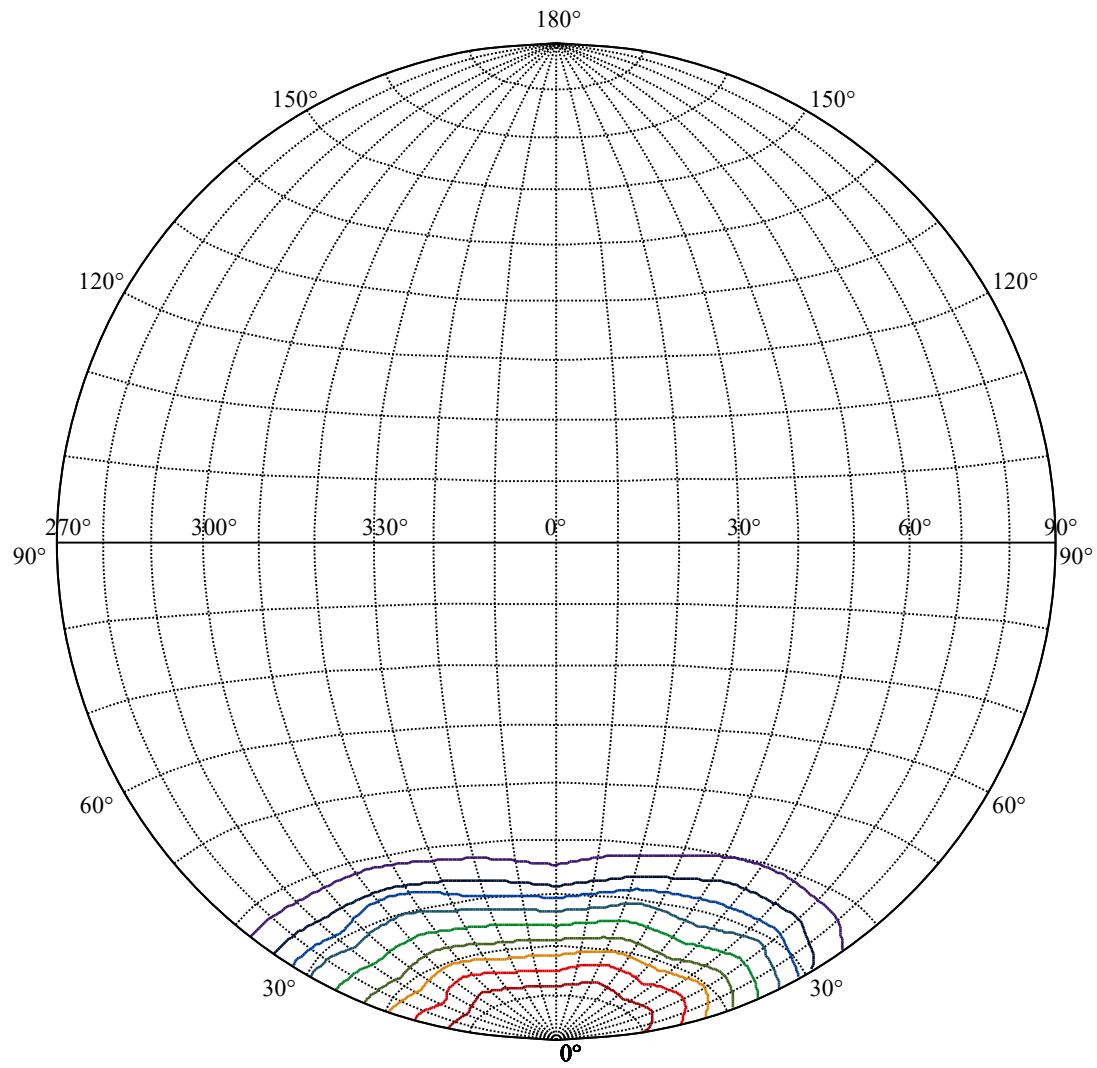
C0(Max):
C0/C180:
C90/C270:

Field angle(10%I_{max}):C0/180Left:38.0 Right:35.5
:C90/270Left:37.8 Right:35.2
Beam Angle(50%I_{max}):C0/180Left:27.2 Right:24.2
:C90/270Left:26.4 Right:24.0



Max , Ave Beam angle of C0 plane 51.23



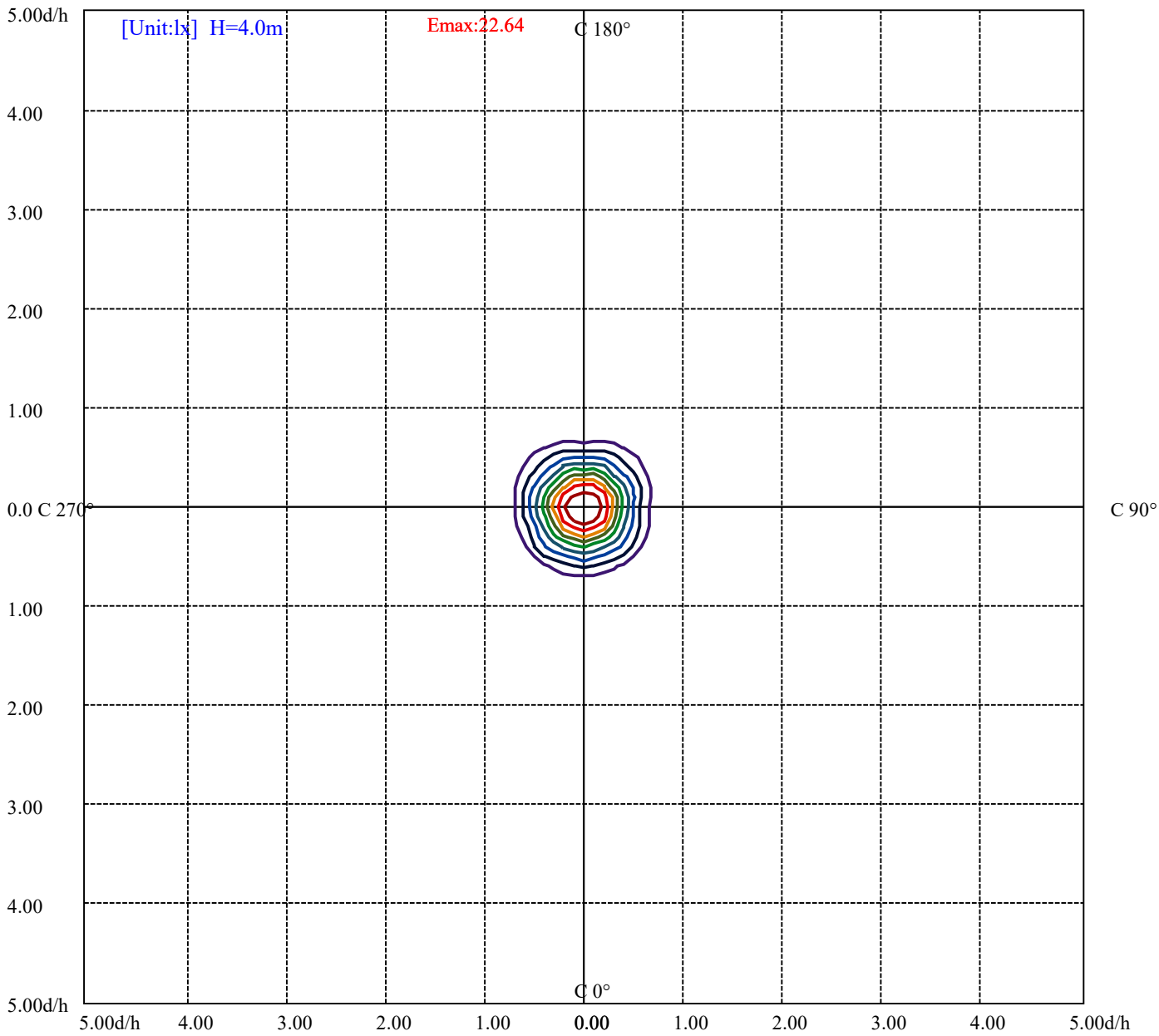


House

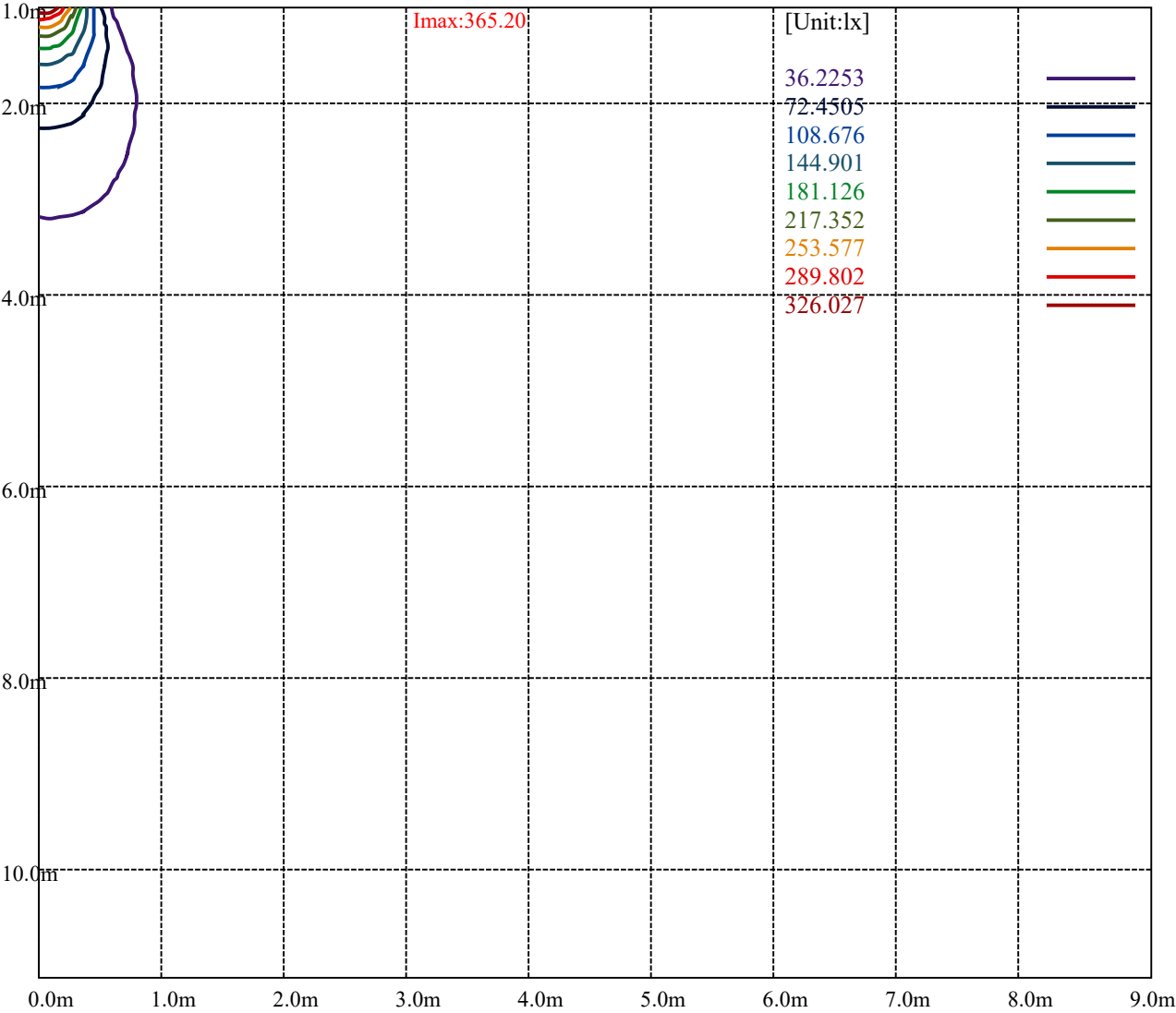
[Unit:cd]

Road

Imax:365.20	
(10%Imax) 36.5203	
(20%Imax) 73.0406	
(30%Imax) 109.561	
(40%Imax) 146.081	
(50%Imax) 182.601	
(60%Imax) 219.122	
(70%Imax) 255.642	
(80%Imax) 292.162	
(90%Imax) 328.682	



(10%Emax)	2.264081	<div></div>
(20%Emax)	4.528156	<div></div>
(30%Emax)	6.79225	<div></div>
(40%Emax)	9.056313	<div></div>
(50%Emax)	11.32038	<div></div>
(60%Emax)	13.5845	<div></div>
(70%Emax)	15.84856	<div></div>
(80%Emax)	18.11263	<div></div>
(90%Emax)	20.37669	<div></div>



Luminance Table

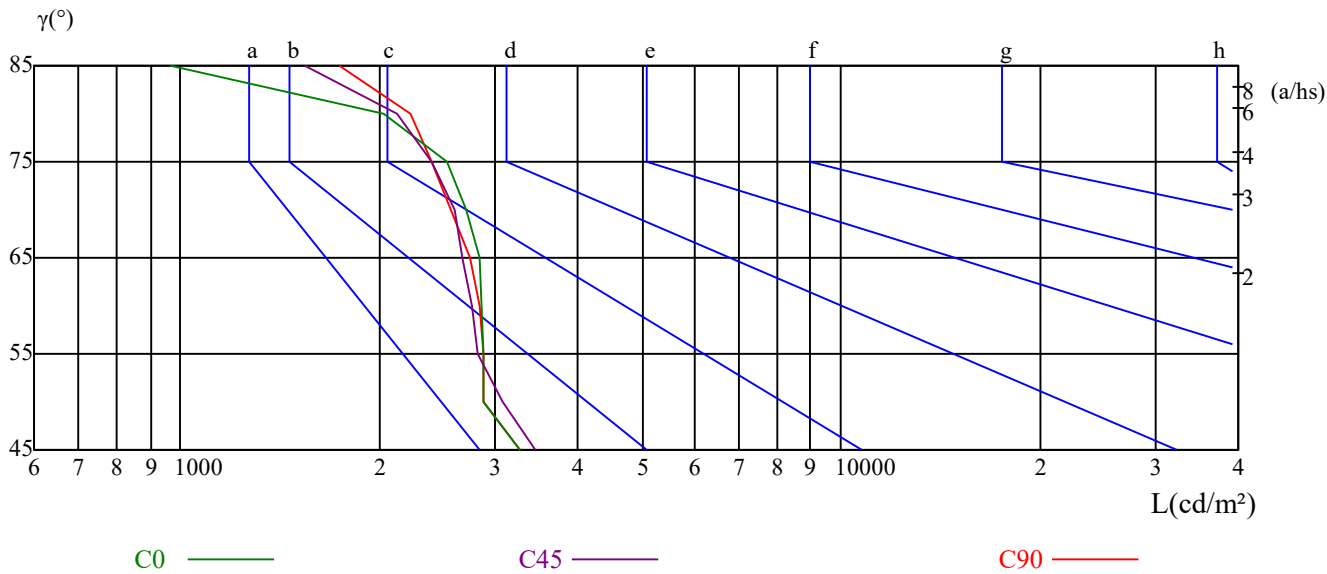
γ	45	50	55	60	65	70	75	80	85
C0	3263	2882	2878	2863	2830	2708	2538	2037	966
C45	3454	3066	2819	2762	2670	2610	2408	2134	1546
C90	3263	2882	2878	2830	2750	2561	2408	2231	1739

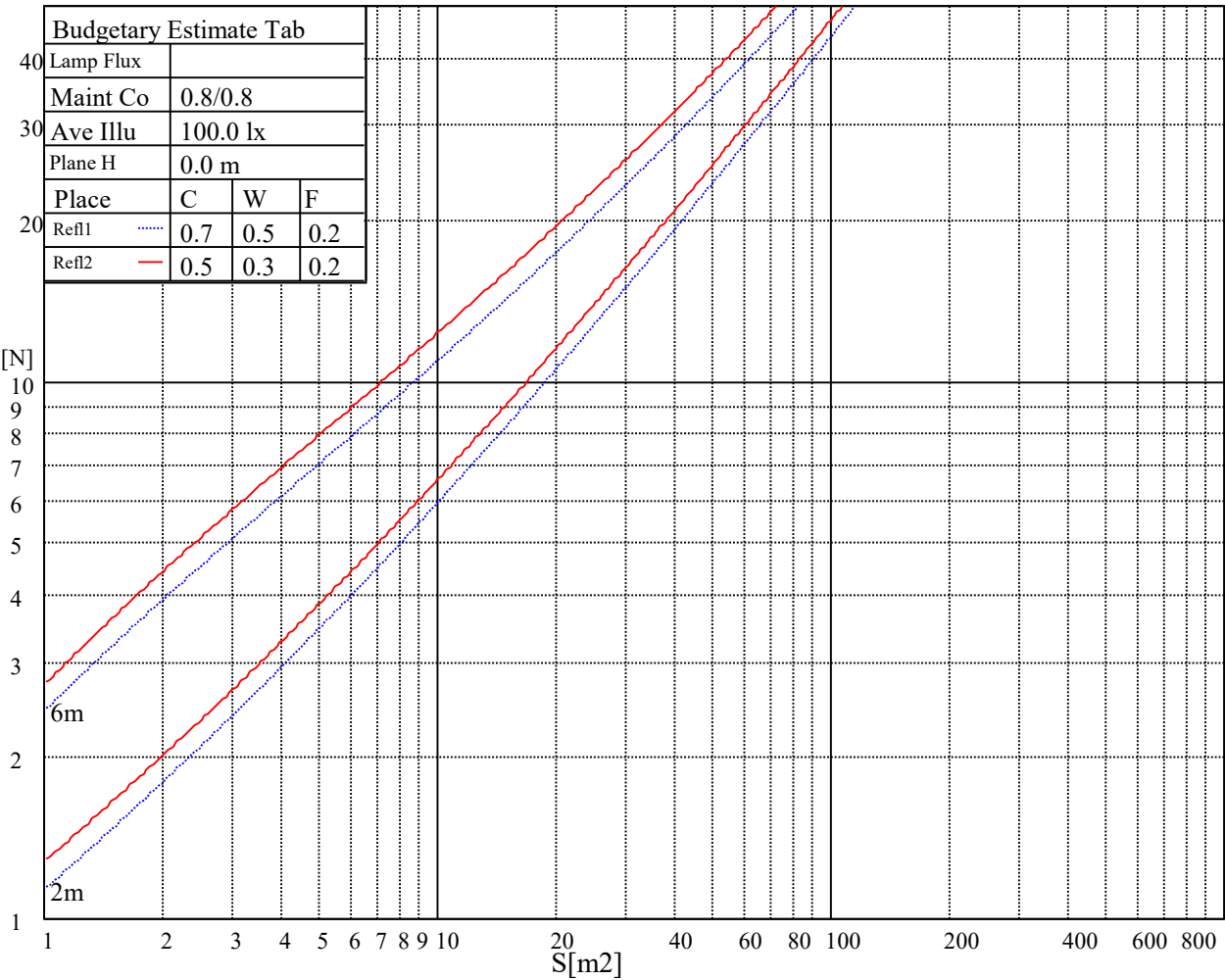
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2869	2830	2760	2668	2635	2570	1546	2319	2126

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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.94	0.93	0.91
2	1.01	0.96	0.93	0.99	0.95	0.91	0.96	0.92	0.89	0.93	0.90	0.87	0.90	0.87	0.85	0.84
3	0.93	0.88	0.84	0.92	0.87	0.83	0.89	0.85	0.82	0.87	0.83	0.80	0.84	0.81	0.79	0.77
4	0.87	0.81	0.76	0.86	0.80	0.76	0.84	0.79	0.75	0.81	0.77	0.74	0.80	0.76	0.73	0.72
5	0.81	0.75	0.71	0.80	0.75	0.70	0.78	0.73	0.70	0.77	0.72	0.69	0.75	0.71	0.68	0.67
6	0.76	0.70	0.66	0.75	0.70	0.65	0.74	0.69	0.65	0.72	0.68	0.64	0.71	0.67	0.64	0.62
7	0.72	0.66	0.61	0.71	0.65	0.61	0.70	0.64	0.61	0.69	0.64	0.60	0.67	0.63	0.60	0.58
8	0.68	0.62	0.57	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.56	0.55
9	0.64	0.58	0.54	0.64	0.58	0.54	0.63	0.57	0.54	0.62	0.57	0.53	0.61	0.56	0.53	0.52
10	0.61	0.55	0.51	0.60	0.55	0.51	0.60	0.54	0.51	0.59	0.54	0.51	0.58	0.54	0.50	0.49

SPKPL-RDLRE2R-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	362.25	365.20	365.07	364.93	364.38	363.29	361.38	358.11	355.79
22.5	362.25	363.16	363.16	363.02	362.75	361.79	361.11	359.34	357.15
45.0	362.25	361.66	360.56	360.02	358.65	357.15	354.70	351.83	349.65
67.5	362.25	361.52	360.70	360.02	358.52	357.02	355.11	353.06	351.42
90.0	362.25	359.88	357.97	357.02	354.29	351.15	349.38	345.69	341.60
112.5	362.25	360.97	360.02	359.34	357.70	355.93	353.61	350.74	346.65
135.0	362.25	360.02	358.79	357.97	356.34	352.38	350.74	347.20	342.69
157.5	362.25	361.11	360.70	360.43	359.47	358.38	356.47	354.02	352.38
180.0	362.25	364.52	364.11	363.97	363.70	363.02	362.34	360.02	357.70
202.5	362.25	363.16	363.29	363.29	362.61	361.38	359.20	355.65	351.70
225.0	362.25	362.34	362.75	362.88	363.02	362.75	361.66	359.47	356.61
247.5	362.25	362.75	363.16	362.75	361.79	359.06	357.29	353.61	348.97
270.0	362.25	361.79	362.61	362.88	363.16	362.61	361.25	359.06	357.29
292.5	362.25	362.75	363.29	363.29	362.20	360.02	358.52	354.83	350.47
315.0	362.25	361.66	362.47	363.02	363.16	363.02	362.34	360.84	359.34
337.5	362.25	362.61	362.88	362.88	362.47	361.11	360.16	357.56	354.02
360.0	362.25	365.20	365.07	364.93	364.38	363.29	361.38	358.11	355.79
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	348.83	345.15	337.92	327.55	317.32	306.27	292.08	284.71	271.75
22.5	354.02	350.06	347.06	339.96	332.46	323.73	314.04	307.63	293.85
45.0	343.65	337.10	333.28	326.05	317.45	307.77	294.67	287.44	274.62
67.5	346.10	341.87	339.01	331.92	324.55	316.23	306.81	300.95	287.85
90.0	336.28	329.05	324.69	317.32	308.59	298.90	286.35	279.80	263.02
112.5	344.19	337.51	334.37	326.60	318.55	310.09	300.81	294.67	281.58
135.0	337.51	330.14	326.19	318.41	309.82	300.13	287.44	276.12	264.52
157.5	348.01	343.78	338.60	330.69	323.05	314.73	305.59	299.86	287.44
180.0	354.43	350.61	347.74	340.51	330.42	325.23	314.32	310.50	294.13
202.5	346.79	339.56	335.33	327.14	317.73	307.36	294.40	287.85	276.12
225.0	352.65	347.74	344.33	336.69	329.19	320.73	311.04	305.04	291.81
247.5	343.78	335.87	331.51	323.32	313.77	303.68	290.99	284.30	272.98
270.0	352.52	345.29	341.74	333.14	324.82	315.95	306.00	299.58	286.08
292.5	344.88	336.69	332.19	323.32	313.36	302.58	289.08	281.99	269.98
315.0	355.38	348.97	345.69	337.78	329.87	321.14	311.04	304.49	290.31
337.5	349.51	342.56	338.46	330.82	321.68	309.00	297.81	285.53	272.98
360.0	348.83	345.15	337.92	327.55	317.32	306.27	292.08	284.71	271.75
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	258.66	245.70	230.42	223.05	210.77	198.22	183.49	170.94	158.25
22.5	281.30	268.34	252.65	239.69	226.73	214.05	206.68	192.76	180.76
45.0	261.11	247.33	231.24	218.00	205.59	190.85	183.76	172.57	162.07
67.5	276.12	263.98	251.43	244.06	229.05	211.86	204.50	190.31	178.17
90.0	248.29	240.65	228.37	216.37	204.09	188.40	181.03	168.75	155.39
112.5	269.98	257.97	245.83	238.74	224.14	207.50	200.68	187.31	175.03
135.0	250.06	245.15	230.83	218.96	207.36	193.72	187.17	176.53	166.30
157.5	276.53	265.61	254.29	247.47	233.56	217.59	210.91	199.72	193.04
180.0	283.21	276.53	262.75	251.02	239.42	227.96	221.14	207.50	191.54
202.5	264.39	252.52	238.74	231.78	220.32	203.00	196.58	185.40	174.76
225.0	275.44	268.34	253.88	242.01	230.28	218.69	212.14	199.04	188.40
247.5	254.29	247.33	236.15	225.37	214.87	201.77	195.49	185.26	175.03
270.0	274.75	263.02	251.56	244.74	226.46	215.41	209.00	196.31	185.13
292.5	257.70	243.10	231.65	220.19	209.00	196.18	190.17	180.08	169.98
315.0	277.62	264.93	249.38	244.20	228.92	212.27	205.59	192.22	181.71
337.5	257.43	249.65	237.10	224.82	213.23	199.31	192.63	181.71	164.25
360.0	258.66	245.70	230.42	223.05	210.77	198.22	183.49	170.94	158.25

SPKPL-RDLRE2R-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	144.06	125.51	115.55	98.77	81.72	66.71	51.43	45.84	38.74
22.5	168.75	157.43	150.34	135.47	121.96	108.18	89.77	75.17	61.66
45.0	152.25	141.20	135.88	127.01	118.28	109.82	100.00	94.81	82.13
67.5	166.44	154.16	146.79	132.47	118.96	104.64	90.18	81.85	65.35
90.0	140.92	122.37	112.55	89.90	71.21	63.44	51.70	43.25	37.11
112.5	163.43	152.38	145.15	129.87	116.37	102.18	87.45	70.67	62.89
135.0	156.48	145.56	139.97	130.83	116.37	111.46	103.14	93.86	84.58
157.5	175.44	163.43	156.48	142.42	129.19	115.00	100.13	91.27	73.12
180.0	184.31	169.16	155.11	140.38	123.60	113.23	91.40	75.17	60.30
202.5	163.84	149.52	141.74	128.92	115.41	100.00	81.72	67.94	55.52
225.0	178.03	168.07	162.21	151.29	139.15	133.83	122.92	81.72	67.94
247.5	163.71	150.61	139.56	126.46	110.50	102.18	88.27	73.67	60.98
270.0	174.07	162.62	154.98	138.88	123.87	108.05	90.86	81.58	63.30
292.5	159.89	147.20	140.11	123.19	106.82	98.09	82.94	68.89	56.34
315.0	171.62	161.93	156.34	146.11	134.51	129.46	120.87	82.26	67.94
337.5	157.30	145.70	134.65	121.83	105.45	96.45	82.26	67.94	55.66
360.0	144.06	125.51	115.55	98.77	81.72	66.71	51.43	45.84	38.74
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	33.97	30.70	27.97	26.06	24.42	22.78	21.83	20.74	19.64
22.5	50.20	44.47	35.88	31.38	28.24	26.06	24.97	22.78	21.69
45.0	70.26	64.39	53.89	43.93	35.47	28.10	25.37	22.51	20.87
67.5	49.79	44.61	36.56	31.92	28.92	26.60	25.78	23.87	22.65
90.0	32.47	30.56	28.38	26.47	24.97	23.19	22.37	20.60	19.24
112.5	48.29	43.38	36.15	31.92	29.06	26.88	25.92	24.01	22.51
135.0	72.71	66.57	56.07	45.84	37.11	29.06	26.19	22.10	20.33
157.5	59.89	48.29	38.33	32.60	30.29	26.33	25.24	23.33	22.10
180.0	48.98	43.52	35.88	30.29	28.92	26.33	24.56	23.06	21.55
202.5	44.20	39.84	34.11	30.42	27.56	25.10	24.15	22.65	21.28
225.0	55.52	44.20	39.84	34.11	30.42	27.56	25.10	24.15	28.10
247.5	47.75	42.56	35.61	31.10	27.83	25.37	24.28	22.78	20.60
270.0	47.07	41.75	34.51	30.42	27.97	26.06	24.97	23.06	21.69
292.5	43.93	39.15	33.29	29.33	26.60	24.28	23.33	22.10	20.87
315.0	55.66	43.79	39.15	33.29	29.33	26.60	24.28	32.74	26.88
337.5	43.79	39.43	33.70	30.01	27.01	25.10	23.60	22.37	20.87
360.0	33.97	30.70	27.97	26.06	24.42	22.78	21.83	20.74	19.64
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	18.69	17.73	17.33	16.51	15.42	15.01	14.60	14.32	13.92
22.5	21.01	19.64	18.83	17.87	17.19	16.92	15.96	15.28	14.73
45.0	19.78	18.83	17.87	17.19	16.23	15.96	15.28	14.60	14.05
67.5	21.42	20.33	19.64	18.42	17.19	16.78	16.10	15.28	14.60
90.0	18.69	17.87	17.19	16.23	15.42	15.01	14.46	14.19	13.92
112.5	21.28	20.19	19.51	17.87	17.19	16.78	15.82	15.14	14.60
135.0	19.64	18.83	17.87	17.19	16.10	15.82	15.14	14.46	13.92
157.5	20.87	19.78	19.24	18.01	17.19	16.51	15.82	15.42	14.60
180.0	20.87	19.51	18.55	17.87	16.92	16.51	15.55	15.01	14.46
202.5	20.05	18.83	18.28	17.46	16.23	15.82	15.14	14.46	13.92
225.0	23.87	21.15	19.78	18.69	17.87	17.46	16.51	15.82	15.14
247.5	19.92	18.96	18.01	17.19	16.37	15.96	15.28	14.60	14.05
270.0	20.46	19.24	18.14	17.73	16.64	16.23	15.42	14.87	14.46
292.5	19.51	18.55	17.73	16.92	16.10	15.69	15.14	14.46	14.05
315.0	23.19	20.74	20.05	18.83	17.73	17.19	16.23	15.55	15.01
337.5	20.19	19.24	18.14	17.33	16.51	16.23	15.14	14.60	14.19
360.0	18.69	17.73	17.33	16.51	15.42	15.01	14.60	14.32	13.92

SPKPL-RDLRE2R-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	13.51	13.37	13.10	12.69	12.28	11.87	11.60	11.19	10.50
22.5	14.19	13.92	13.51	13.10	12.96	12.55	12.14	11.73	11.46
45.0	13.37	13.10	12.69	12.28	11.87	11.46	11.19	10.64	10.23
67.5	14.19	13.92	13.37	13.10	12.69	12.41	12.14	11.73	11.19
90.0	13.51	13.37	12.82	12.41	12.28	11.87	11.46	11.05	10.37
112.5	14.05	13.78	13.37	13.10	12.82	12.41	12.14	11.73	11.19
135.0	13.23	12.96	12.41	12.01	11.73	11.32	10.91	10.64	10.10
157.5	13.78	13.64	13.23	12.82	12.55	12.14	12.01	11.60	11.19
180.0	14.05	13.78	13.37	12.96	12.82	12.41	12.14	11.60	11.19
202.5	13.51	13.23	12.96	12.69	12.28	11.87	11.73	11.05	10.64
225.0	14.60	14.19	13.37	12.82	12.55	12.01	11.73	11.32	10.91
247.5	13.51	13.23	12.82	12.41	12.14	11.73	11.46	11.05	10.64
270.0	13.92	13.78	13.37	13.10	12.69	12.28	12.14	11.46	11.19
292.5	13.51	13.37	13.10	12.41	12.28	11.87	11.73	11.19	10.78
315.0	14.46	14.19	13.51	12.96	12.69	12.28	12.01	11.32	10.91
337.5	13.64	13.37	12.96	12.55	12.41	12.14	11.60	11.32	10.91
360.0	13.51	13.37	13.10	12.69	12.28	11.87	11.60	11.19	10.50
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.23	9.96	9.69	9.00	8.46	8.19	7.78	7.50	6.96
22.5	11.19	10.64	10.23	9.82	9.41	9.14	8.59	8.19	7.78
45.0	9.96	9.55	9.14	8.73	8.32	8.05	7.64	7.23	6.82
67.5	11.05	10.50	10.10	9.69	9.14	8.87	8.46	8.05	7.64
90.0	10.23	9.82	9.41	8.73	8.32	8.19	7.50	7.09	6.82
112.5	10.91	10.50	10.10	9.55	9.14	9.00	8.32	7.91	7.50
135.0	9.82	9.41	9.00	8.59	8.19	7.91	7.23	7.09	6.55
157.5	10.78	10.23	9.82	9.55	9.00	8.73	8.32	7.78	7.37
180.0	11.05	10.37	9.96	9.69	9.14	8.73	8.32	7.91	7.64
202.5	10.37	9.82	9.55	9.14	8.59	8.32	7.91	7.37	7.09
225.0	10.64	10.10	9.69	9.41	9.00	8.73	8.32	7.91	7.50
247.5	10.37	9.96	9.55	9.14	8.59	8.32	7.91	7.23	6.96
270.0	10.91	10.37	9.96	9.55	9.28	8.87	8.32	7.91	7.50
292.5	10.37	9.96	9.69	9.14	8.73	8.46	8.05	7.64	7.23
315.0	10.78	10.37	9.96	9.55	9.14	8.87	8.32	7.91	7.50
337.5	10.64	10.23	9.82	9.28	8.87	8.46	8.05	7.50	7.23
360.0	10.23	9.96	9.69	9.00	8.46	8.19	7.78	7.50	6.96
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.41	6.14	5.73	5.32	4.91	4.37	3.96	3.41	2.86
22.5	7.23	6.68	6.41	5.87	5.73	5.18	4.77	4.37	3.82
45.0	6.28	5.87	5.59	5.05	4.77	4.37	3.96	3.55	3.00
67.5	7.23	6.82	6.41	5.73	5.59	5.05	4.64	4.09	3.82
90.0	6.41	6.00	5.59	5.05	4.77	4.37	4.09	3.55	3.14
112.5	7.09	6.82	6.14	5.73	5.46	5.05	4.50	4.23	3.82
135.0	6.14	5.73	5.32	4.91	4.64	4.23	3.68	3.55	3.00
157.5	6.96	6.68	6.14	5.73	5.32	4.91	4.77	4.09	3.55
180.0	7.09	6.68	6.28	5.87	5.59	5.18	4.64	4.23	3.68
202.5	6.55	6.28	5.73	5.32	5.05	4.50	4.09	3.68	3.14
225.0	6.96	6.68	6.14	5.73	5.59	5.05	4.64	4.23	3.82
247.5	6.55	6.14	5.73	5.18	5.05	4.64	4.23	3.82	3.27
270.0	7.09	6.96	6.41	6.00	5.59	5.05	4.77	4.37	3.96
292.5	6.68	6.28	5.87	5.32	5.05	4.77	4.23	3.96	3.41
315.0	7.23	6.68	6.41	5.87	5.59	5.05	4.77	4.37	3.96
337.5	6.82	6.41	6.00	5.46	5.18	4.64	4.23	3.96	3.41
360.0	6.41	6.14	5.73	5.32	4.91	4.37	3.96	3.41	2.86

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 20 Total:23

C/ $\gamma(^{\circ})$	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.59	2.18	1.64	1.23	0.68	0.55	0.27	0.00	0.00
22.5	3.55	3.00	2.32	2.05	1.50	1.09	0.68	0.41	0.27
45.0	3.00	2.32	1.91	1.50	1.09	0.82	0.41	0.00	0.00
67.5	3.55	3.14	2.73	2.18	1.77	1.64	0.95	0.55	0.27
90.0	2.73	2.32	1.77	1.64	1.23	0.82	0.41	0.00	0.00
112.5	3.55	3.00	2.59	2.18	1.77	1.50	1.09	0.55	0.27
135.0	2.73	2.18	1.64	1.50	1.09	0.68	0.27	0.00	0.00
157.5	3.27	2.73	2.32	1.91	1.50	1.23	0.82	0.55	0.14
180.0	3.55	2.86	2.46	2.05	1.50	1.09	0.68	0.41	0.27
202.5	2.86	2.32	1.91	1.50	0.95	0.68	0.41	0.27	0.00
225.0	3.41	3.14	2.59	2.32	1.77	1.36	1.09	0.68	0.55
247.5	3.14	2.59	2.05	1.77	1.36	1.09	0.55	0.14	0.00
270.0	3.68	3.27	2.86	2.46	2.05	1.77	1.09	0.82	0.55
292.5	3.14	2.59	2.18	1.91	1.50	0.95	0.68	0.14	0.00
315.0	3.68	3.27	2.86	2.46	2.05	1.64	1.23	0.82	0.55
337.5	3.14	2.46	1.91	1.64	1.23	0.82	0.55	0.14	0.14
360.0	2.59	2.18	1.64	1.23	0.68	0.55	0.27	0.00	0.00
C/ $\gamma(^{\circ})$	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	0.14	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	0.14	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/ $\gamma(^{\circ})$	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($^{\circ}$ C): 25.0

Date: 2024-11-12
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE2R-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	0.14	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	0.14
45.0	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
67.5	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.14
90.0	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.14
112.5	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.14
135.0	0.00	0.00	0.14	0.00	0.14	0.00	0.00	0.14	0.14
157.5	0.00	0.00	0.14	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	0.14
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	0.14	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
22.5	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
67.5	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.27	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	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	0.27
157.5	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.27	0.27
180.0	0.00	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	0.14	0.14	0.00	0.14	0.14	0.14	0.14
247.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.00	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14
292.5	0.14	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.27
315.0	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27

SPKPL-RDLRE2R-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	0.41	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	0.41	0.41	0.41	0.41	0.41
45.0	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41	0.41
67.5	0.14	0.27	0.27	0.41	0.27	0.27	0.27	0.41	0.41
90.0	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41	0.41
112.5	0.27	0.27	0.27	0.27	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	0.27	0.41	0.27	0.41
180.0	0.14	0.14	0.27	0.27	0.27	0.27	0.41	0.27	0.41
202.5	0.27	0.27	0.27	0.14	0.27	0.27	0.41	0.27	0.41
225.0	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
247.5	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.41	0.41
270.0	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.41
292.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41
315.0	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.41
337.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41
360.0	0.41	0.27	0.27	0.27	0.41	0.41	0.41	0.41	0.41
C/ $\gamma(^{\circ})$	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.68
22.5	0.41	0.41	0.41	0.55	0.41	0.55	0.55	0.55	0.68
45.0	0.55	0.41	0.41	0.55	0.55	0.55	0.68	0.68	0.68
67.5	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.68	0.55
90.0	0.41	0.55	0.41	0.41	0.55	0.55	0.55	0.68	0.68
112.5	0.41	0.41	0.55	0.41	0.55	0.55	0.55	0.55	0.55
135.0	0.55	0.55	0.41	0.55	0.55	0.55	0.55	0.55	0.55
157.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68
180.0	0.27	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.68
202.5	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55
225.0	0.27	0.41	0.41	0.41	0.55	0.41	0.41	0.55	0.55
247.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55
270.0	0.27	0.55	0.41	0.41	0.55	0.55	0.55	0.55	0.55
292.5	0.41	0.55	0.41	0.41	0.55	0.55	0.55	0.68	0.68
315.0	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55
337.5	0.55	0.41	0.55	0.41	0.55	0.55	0.55	0.55	0.55
360.0	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.55	0.68
C/ $\gamma(^{\circ})$	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.55	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82
22.5	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82
45.0	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82
67.5	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.68	0.82
90.0	0.55	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.82
112.5	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82
135.0	0.55	0.55	0.68	0.68	0.68	0.82	0.68	0.82	0.82
157.5	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.68	0.82
180.0	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
202.5	0.68	0.68	0.55	0.68	0.68	0.82	0.68	0.82	0.82
225.0	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82
247.5	0.55	0.68	0.68	0.68	0.68	0.82	0.68	0.82	0.82
270.0	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82
292.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82
315.0	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.68	0.82
337.5	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.82
360.0	0.55	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82

Equipment: GMS-1800
Temperature($^{\circ}\text{C}$): 25.0Date: 2024-11-12
Humidity(%): 59.0%Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE2R-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	0.82	0.82	0.82	0.95	0.95	0.82	0.95	0.95	0.95
22.5	0.82	0.82	0.82	0.82	0.95	0.82	0.95	0.95	0.95
45.0	0.95	0.82	0.82	0.82	0.82	0.82	0.95	0.95	0.95
67.5	0.82	0.82	0.82	0.82	0.82	0.95	0.82	0.95	0.95
90.0	0.82	0.95	0.95	0.82	0.82	0.95	0.82	0.95	0.82
112.5	0.82	0.82	0.82	0.95	0.82	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	0.95	0.82	0.82	0.95	0.82	0.95	0.82	0.95	0.82
180.0	0.82	0.82	0.82	0.82	0.95	0.95	0.82	0.95	0.95
202.5	0.82	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.95
225.0	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.95
247.5	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.95	0.95
270.0	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.95
292.5	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.95
315.0	0.82	0.68	0.82	0.82	0.82	0.82	0.95	0.95	0.82
337.5	0.82	0.82	0.82	0.82	0.82	0.82	0.95	0.95	1.09
360.0	0.82	0.82	0.82	0.95	0.95	0.82	0.95	0.95	0.95

C/ $\gamma(^{\circ})$	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	1.09	1.09	1.09
22.5	0.95	0.95	1.09	0.95	0.95	0.95	0.95	0.95	1.09
45.0	0.95	0.95	0.95	0.95	1.09	0.95	1.09	1.09	1.09
67.5	0.95	0.82	0.95	0.95	0.95	0.95	0.95	0.95	0.95
90.0	0.82	0.95	0.95	0.95	1.09	1.09	1.09	0.95	1.09
112.5	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09	1.09
135.0	0.95	0.95	0.95	0.95	1.09	0.95	1.09	1.09	0.95
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	1.09	1.09	1.09	1.09	1.09
202.5	0.95	0.95	0.95	0.95	1.09	1.09	1.09	1.09	1.09
225.0	0.95	0.95	0.95	0.95	0.95	1.09	0.95	1.09	1.09
247.5	0.95	0.95	0.95	0.95	1.09	1.09	1.09	1.09	1.09
270.0	0.95	0.95	0.95	0.95	1.09	1.09	1.09	1.09	1.09
292.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09
315.0	0.95	0.95	0.95	0.95	0.95	1.09	1.09	0.95	0.95
337.5	0.95	0.82	0.95	1.09	1.09	0.95	0.95	1.09	1.09
360.0	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09	1.09

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