



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: BST24111203-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.031

Lamp flux(lm)

Power (W): 3.676

Number of Lamps: 1

PF: 0.966

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 223.10, Luminous Efficacy(lm/W): 60.69

Central intensity(cd): 256.97, Maximum intensity(cd): 261.66

Angle of maximum intensity: C=180.0 γ =7.0

Beam Angle(50%Imax): [C0/180]Total=54.2

[C90/270]Total=53.8

Field angle(10%Imax): [C0/180]Total=73.9

[C90/270]Total=73.9

Maximum s/h(1/2): C0_180=0.91 C90_270=0.82

Maximum s/h(1/4): C0_180=0.86 C90_270=0.76

Up flux rate of LUM(%): 0.34%

Down flux rate of LUM(%): 99.66%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 93.734%

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	256.969	0.000	0.000	0.000%	0.000%
1.0	257.071	0.246	0.246	0.110%	0.110%
2.0	257.438	0.738	0.984	0.331%	0.441%
3.0	257.975	1.233	2.217	0.553%	0.994%
4.0	258.341	1.728	3.945	0.775%	1.768%
5.0	258.486	2.223	6.169	0.997%	2.765%
6.0	258.410	2.716	8.885	1.218%	3.983%
7.0	257.813	3.204	12.089	1.436%	5.419%
8.0	256.602	3.682	15.771	1.650%	7.069%
9.0	255.349	4.149	19.920	1.860%	8.929%
10.0	253.285	4.603	24.523	2.063%	10.992%
11.0	250.275	5.032	29.555	2.255%	13.247%
12.0	246.268	5.428	34.983	2.433%	15.680%
13.0	241.681	5.791	40.773	2.596%	18.276%
14.0	236.718	6.123	46.897	2.745%	21.021%
15.0	230.119	6.409	53.306	2.873%	23.893%
16.0	222.079	6.626	59.932	2.970%	26.863%
17.0	215.599	6.816	66.747	3.055%	29.918%
18.0	208.675	6.995	73.743	3.136%	33.054%
19.0	199.526	7.102	80.845	3.183%	36.237%
20.0	190.616	7.141	87.985	3.201%	39.438%
21.0	180.905	7.134	95.119	3.198%	42.636%
22.0	173.453	7.121	102.240	3.192%	45.828%
23.0	165.770	7.118	109.358	3.190%	49.018%
24.0	156.118	7.038	116.396	3.155%	52.172%
25.0	147.277	6.899	123.294	3.092%	55.265%
26.0	139.151	6.761	130.055	3.031%	58.295%
27.0	130.556	6.598	136.654	2.958%	61.253%
28.0	121.194	6.374	143.028	2.857%	64.110%
29.0	111.218	6.081	149.108	2.726%	66.835%
30.0	102.777	5.778	154.886	2.590%	69.425%
31.0	94.055	5.478	160.364	2.455%	71.880%
32.0	82.314	5.053	165.416	2.265%	74.145%
33.0	70.326	4.497	169.913	2.016%	76.161%
34.0	56.104	3.826	173.739	1.715%	77.876%
35.0	47.108	3.205	176.945	1.437%	79.313%
36.0	38.812	2.736	179.680	1.226%	80.539%
37.0	30.763	2.269	181.950	1.017%	81.556%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	25.963	1.893	183.843	0.849%	82.405%
39.0	24.454	1.721	185.564	0.771%	83.176%
40.0	22.194	1.627	187.191	0.729%	83.905%
41.0	20.191	1.509	188.700	0.677%	84.582%
42.0	18.400	1.402	190.102	0.628%	85.210%
43.0	18.161	1.354	191.456	0.607%	85.817%
44.0	17.044	1.329	192.785	0.596%	86.413%
45.0	15.748	1.260	194.045	0.565%	86.978%
46.0	14.887	1.198	195.244	0.537%	87.515%
47.0	14.128	1.154	196.398	0.517%	88.032%
48.0	13.617	1.122	197.519	0.503%	88.535%
49.0	13.071	1.096	198.615	0.491%	89.026%
50.0	12.517	1.067	199.682	0.478%	89.504%
51.0	11.988	1.037	200.719	0.465%	89.969%
52.0	11.502	1.008	201.727	0.452%	90.421%
53.0	11.084	0.983	202.709	0.440%	90.861%
54.0	10.726	0.961	203.671	0.431%	91.292%
55.0	10.428	0.944	204.615	0.423%	91.715%
56.0	10.163	0.930	205.545	0.417%	92.132%
57.0	9.916	0.918	206.463	0.412%	92.544%
58.0	9.609	0.903	207.366	0.405%	92.949%
59.0	9.328	0.885	208.252	0.397%	93.345%
60.0	9.029	0.867	209.119	0.389%	93.734%
61.0	8.782	0.850	209.969	0.381%	94.115%
62.0	8.492	0.832	210.801	0.373%	94.488%
63.0	8.168	0.810	211.612	0.363%	94.851%
64.0	7.768	0.782	212.394	0.351%	95.202%
65.0	7.503	0.756	213.149	0.339%	95.541%
66.0	7.213	0.734	213.884	0.329%	95.870%
67.0	6.838	0.707	214.590	0.317%	96.187%
68.0	6.480	0.675	215.265	0.302%	96.489%
69.0	6.207	0.647	215.912	0.290%	96.779%
70.0	5.917	0.623	216.535	0.279%	97.058%
71.0	5.568	0.594	217.128	0.266%	97.324%
72.0	5.235	0.562	217.690	0.252%	97.576%
73.0	4.877	0.529	218.219	0.237%	97.813%
74.0	4.613	0.499	218.718	0.224%	98.037%
75.0	4.323	0.472	219.190	0.212%	98.248%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.982	0.441	219.631	0.198%	98.446%
77.0	3.658	0.407	220.038	0.183%	98.628%
78.0	3.334	0.374	220.412	0.168%	98.796%
79.0	3.018	0.341	220.754	0.153%	98.949%
80.0	2.711	0.309	221.062	0.138%	99.088%
81.0	2.345	0.273	221.336	0.123%	99.210%
82.0	2.046	0.238	221.574	0.107%	99.317%
83.0	1.765	0.207	221.781	0.093%	99.410%
84.0	1.390	0.172	221.953	0.077%	99.487%
85.0	1.066	0.134	222.087	0.060%	99.547%
86.0	0.742	0.099	222.186	0.044%	99.591%
87.0	0.520	0.069	222.255	0.031%	99.622%
88.0	0.298	0.045	222.300	0.020%	99.642%
89.0	0.119	0.023	222.323	0.010%	99.653%
90.0	0.009	0.007	222.330	0.003%	99.656%
91.0	0.000	0.000	222.330	0.000%	99.656%
92.0	0.000	0.000	222.330	0.000%	99.656%
93.0	0.000	0.000	222.330	0.000%	99.656%
94.0	0.000	0.000	222.330	0.000%	99.656%
95.0	0.000	0.000	222.330	0.000%	99.656%
96.0	0.000	0.000	222.330	0.000%	99.656%
97.0	0.000	0.000	222.330	0.000%	99.656%
98.0	0.000	0.000	222.330	0.000%	99.656%
99.0	0.000	0.000	222.330	0.000%	99.656%
100.0	0.000	0.000	222.330	0.000%	99.656%
101.0	0.000	0.000	222.330	0.000%	99.656%
102.0	0.000	0.000	222.330	0.000%	99.656%
103.0	0.000	0.000	222.330	0.000%	99.656%
104.0	0.000	0.000	222.330	0.000%	99.656%
105.0	0.000	0.000	222.330	0.000%	99.656%
106.0	0.000	0.000	222.330	0.000%	99.656%
107.0	0.000	0.000	222.330	0.000%	99.656%
108.0	0.000	0.000	222.330	0.000%	99.656%
109.0	0.000	0.000	222.330	0.000%	99.656%
110.0	0.000	0.000	222.330	0.000%	99.656%
111.0	0.000	0.000	222.330	0.000%	99.656%
112.0	0.000	0.000	222.330	0.000%	99.656%
113.0	0.000	0.000	222.330	0.000%	99.656%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	222.330	0.000%	99.656%
115.0	0.000	0.000	222.330	0.000%	99.656%
116.0	0.000	0.000	222.330	0.000%	99.656%
117.0	0.000	0.000	222.330	0.000%	99.656%
118.0	0.000	0.000	222.330	0.000%	99.656%
119.0	0.000	0.000	222.330	0.000%	99.656%
120.0	0.000	0.000	222.330	0.000%	99.656%
121.0	0.000	0.000	222.330	0.000%	99.656%
122.0	0.000	0.000	222.330	0.000%	99.656%
123.0	0.000	0.000	222.330	0.000%	99.656%
124.0	0.000	0.000	222.330	0.000%	99.656%
125.0	0.009	0.000	222.331	0.000%	99.656%
126.0	0.009	0.001	222.331	0.000%	99.656%
127.0	0.034	0.002	222.333	0.001%	99.657%
128.0	0.051	0.004	222.337	0.002%	99.659%
129.0	0.060	0.005	222.342	0.002%	99.661%
130.0	0.085	0.006	222.348	0.003%	99.664%
131.0	0.102	0.008	222.356	0.004%	99.667%
132.0	0.119	0.009	222.365	0.004%	99.671%
133.0	0.128	0.010	222.375	0.004%	99.676%
134.0	0.136	0.011	222.385	0.005%	99.681%
135.0	0.136	0.011	222.396	0.005%	99.685%
136.0	0.145	0.011	222.407	0.005%	99.690%
137.0	0.171	0.012	222.419	0.005%	99.696%
138.0	0.171	0.013	222.431	0.006%	99.701%
139.0	0.196	0.013	222.445	0.006%	99.707%
140.0	0.230	0.015	222.460	0.007%	99.714%
141.0	0.256	0.017	222.477	0.008%	99.722%
142.0	0.256	0.017	222.494	0.008%	99.729%
143.0	0.273	0.018	222.512	0.008%	99.737%
144.0	0.281	0.018	222.530	0.008%	99.745%
145.0	0.290	0.018	222.548	0.008%	99.754%
146.0	0.324	0.019	222.567	0.009%	99.762%
147.0	0.358	0.021	222.588	0.009%	99.771%
148.0	0.375	0.022	222.609	0.010%	99.781%
149.0	0.401	0.022	222.632	0.010%	99.791%
150.0	0.401	0.022	222.654	0.010%	99.801%
151.0	0.409	0.022	222.676	0.010%	99.811%

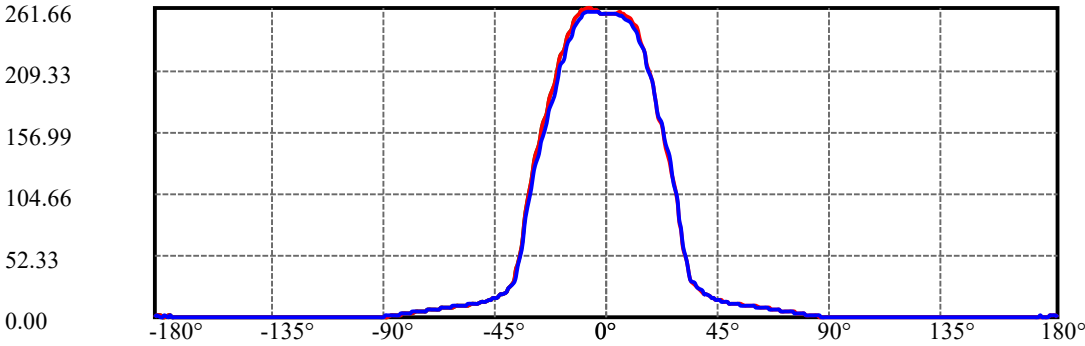
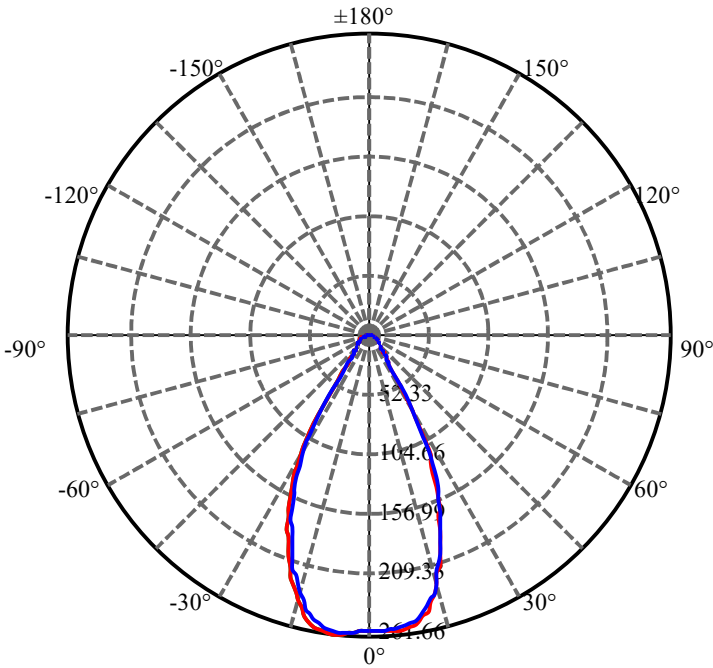
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.418	0.022	222.697	0.010%	99.821%
153.0	0.418	0.021	222.719	0.009%	99.830%
154.0	0.418	0.020	222.739	0.009%	99.839%
155.0	0.460	0.021	222.760	0.009%	99.848%
156.0	0.486	0.022	222.781	0.010%	99.858%
157.0	0.520	0.022	222.803	0.010%	99.868%
158.0	0.529	0.022	222.825	0.010%	99.878%
159.0	0.537	0.021	222.847	0.010%	99.887%
160.0	0.537	0.021	222.867	0.009%	99.897%
161.0	0.546	0.020	222.887	0.009%	99.906%
162.0	0.537	0.019	222.906	0.008%	99.914%
163.0	0.554	0.018	222.924	0.008%	99.922%
164.0	0.563	0.017	222.941	0.008%	99.930%
165.0	0.597	0.017	222.958	0.008%	99.937%
166.0	0.571	0.016	222.974	0.007%	99.945%
167.0	0.597	0.015	222.989	0.007%	99.951%
168.0	0.639	0.015	223.004	0.007%	99.958%
169.0	0.648	0.014	223.018	0.006%	99.964%
170.0	0.665	0.013	223.031	0.006%	99.970%
171.0	0.682	0.012	223.043	0.005%	99.976%
172.0	0.682	0.011	223.054	0.005%	99.981%
173.0	0.691	0.010	223.064	0.004%	99.985%
174.0	0.725	0.009	223.073	0.004%	99.989%
175.0	0.708	0.008	223.081	0.003%	99.992%
176.0	0.716	0.006	223.087	0.003%	99.995%
177.0	0.750	0.005	223.092	0.002%	99.997%
178.0	0.750	0.004	223.095	0.002%	99.999%
179.0	0.793	0.002	223.097	0.001%	100.000%
180.0	0.000	0.000	223.098	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	154.89	69.43%
0-40	187.19	83.91%
0-60	209.12	93.73%
0-90	222.33	99.66%
0-120	222.33	99.66%
0-180	223.10	100.00%
60-90	13.21	5.92%
90-120	0.00	0.00%
90-130	0.02	0.01%
90-150	0.32	0.15%
90-180	0.77	0.34%
0-35.56	178.48	80.00%

ZONAL LUMEN SUMMARY

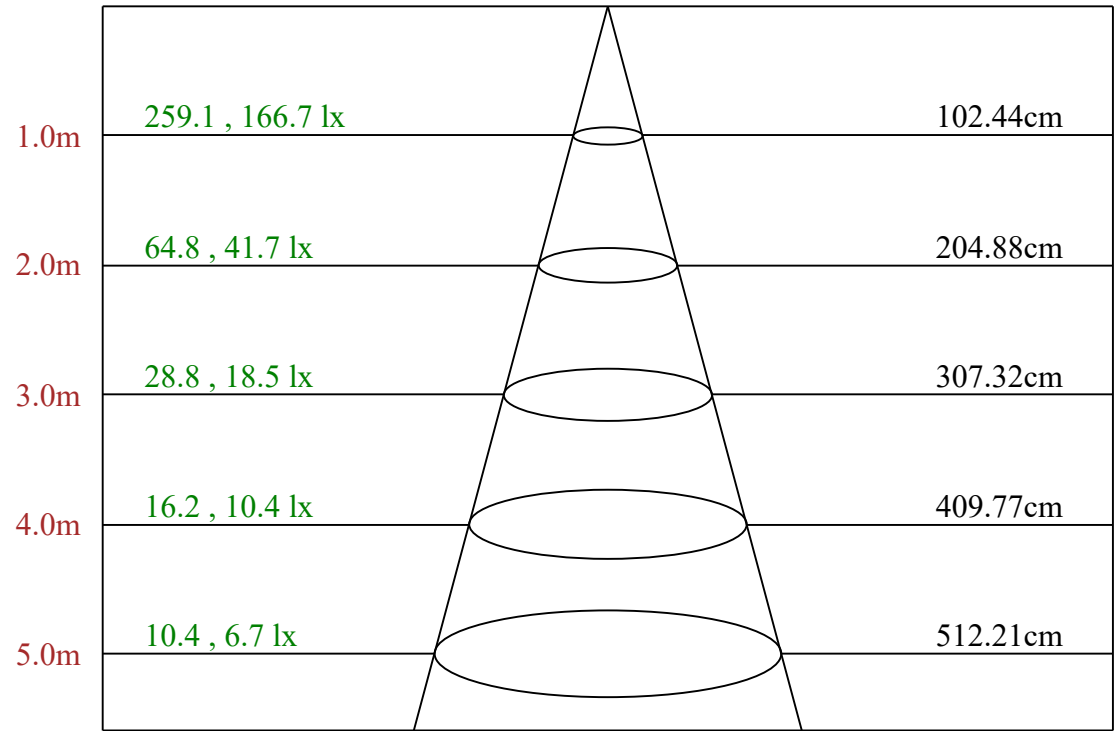
0-10	24.52
10-20	63.46
20-30	66.90
30-40	32.30
40-50	12.49
50-60	9.44
60-70	7.42
70-80	4.53
80-90	1.27
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.02
130-140	0.11
140-150	0.19
150-160	0.21
160-170	0.16
170-180	0.07



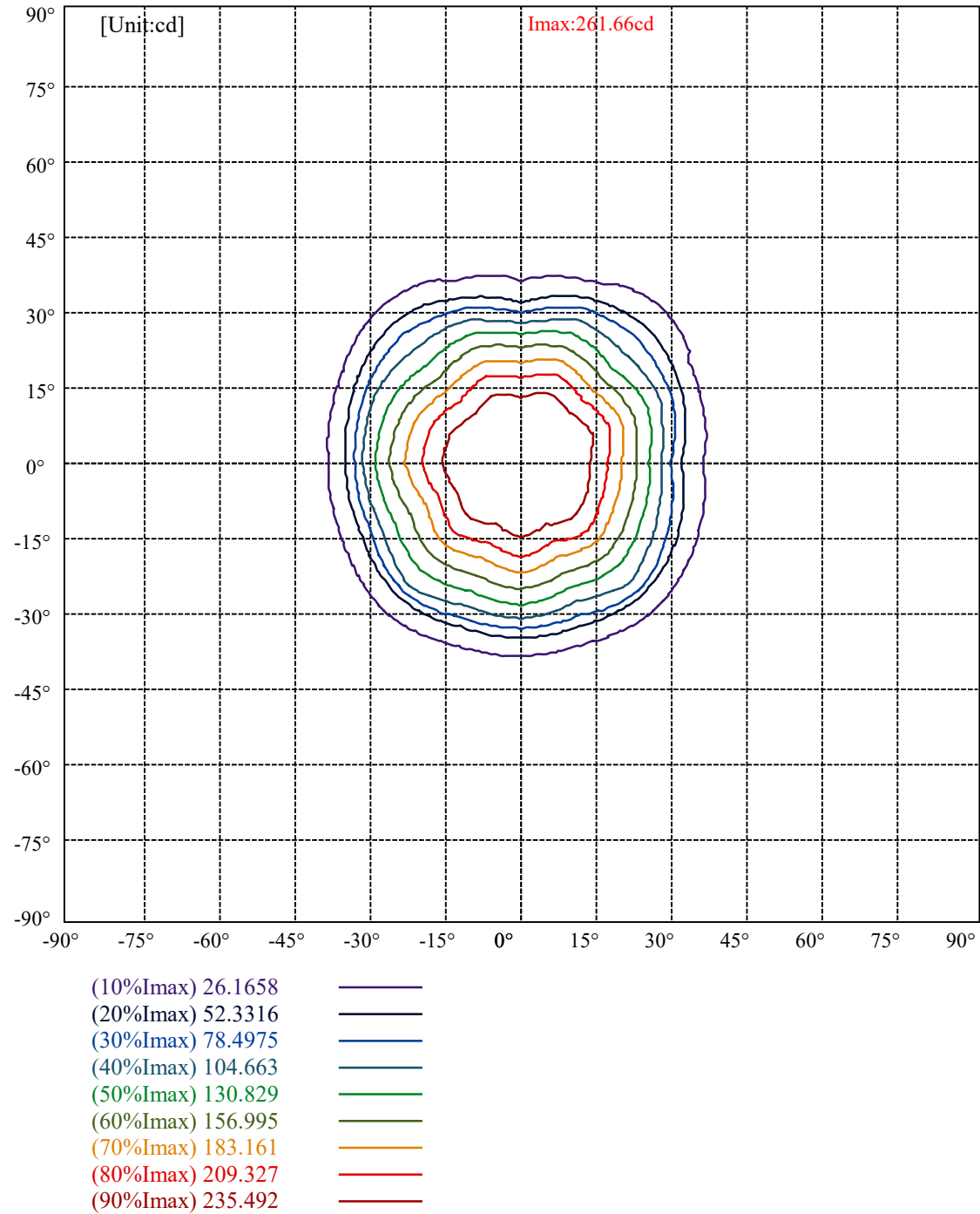
C180(Max):
C0/C180:
C90/C270:

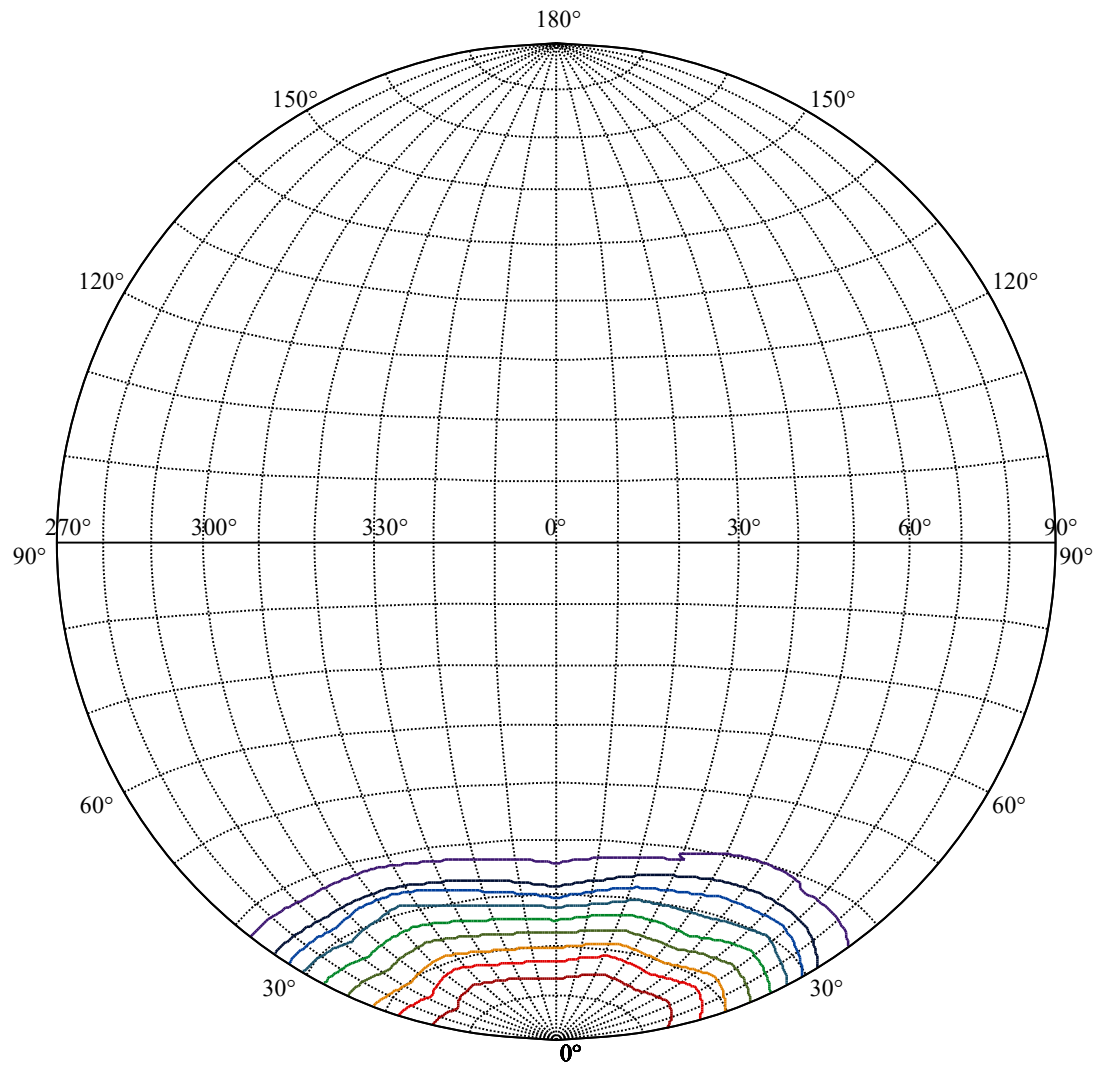
Field angle(10%Imax):C0/180Left:38.0 Right:35.9
:C90/270Left:37.9 Right:36.0

Beam Angle(50%Imax):C0/180Left:28.8 Right:25.4
:C90/270Left:28.1 Right:25.7



Max , Ave Beam angle of C180 plane 54.24



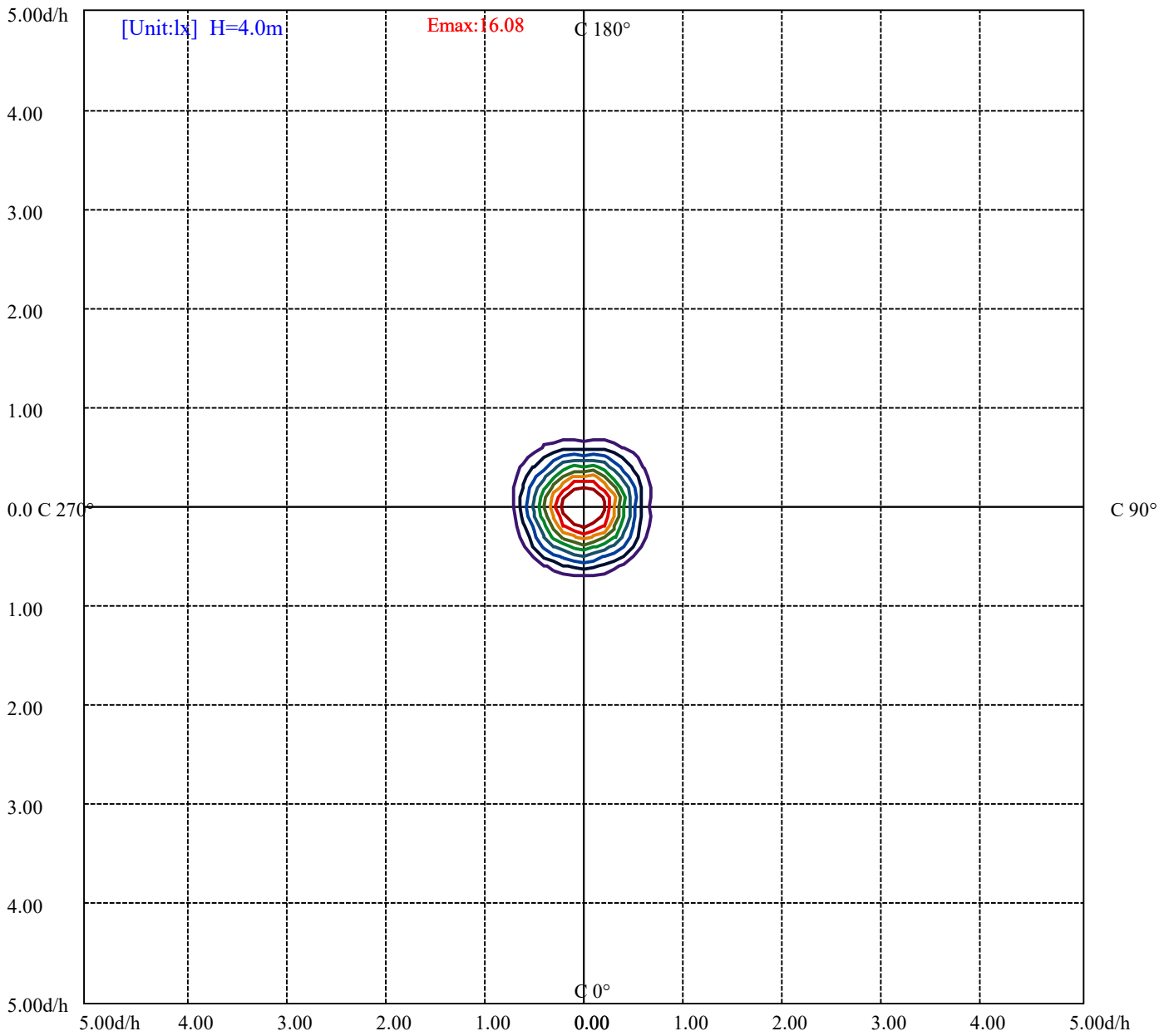


House

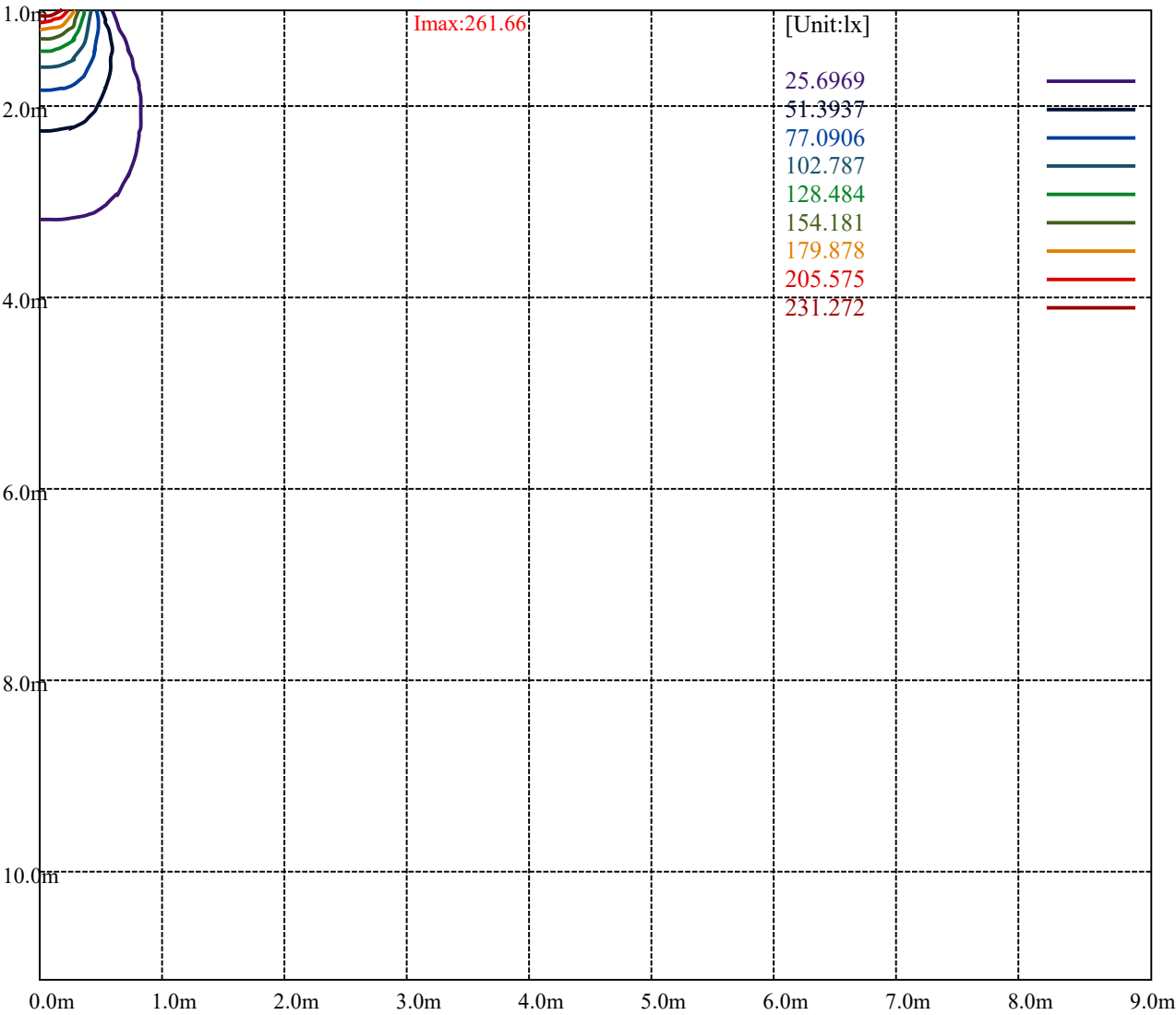
[Unit:cd]

Road

Imax:261.66	
(10%Imax) 26.1658	—
(20%Imax) 52.3316	—
(30%Imax) 78.4975	—
(40%Imax) 104.663	—
(50%Imax) 130.829	—
(60%Imax) 156.995	—
(70%Imax) 183.161	—
(80%Imax) 209.327	—
(90%Imax) 235.492	—



(10%Emax)	1.607756	
(20%Emax)	3.215506	
(30%Emax)	4.823263	
(40%Emax)	6.431	
(50%Emax)	8.03875	
(60%Emax)	9.6465	
(70%Emax)	11.25425	
(80%Emax)	12.86206	
(90%Emax)	14.46981	



Luminance Table

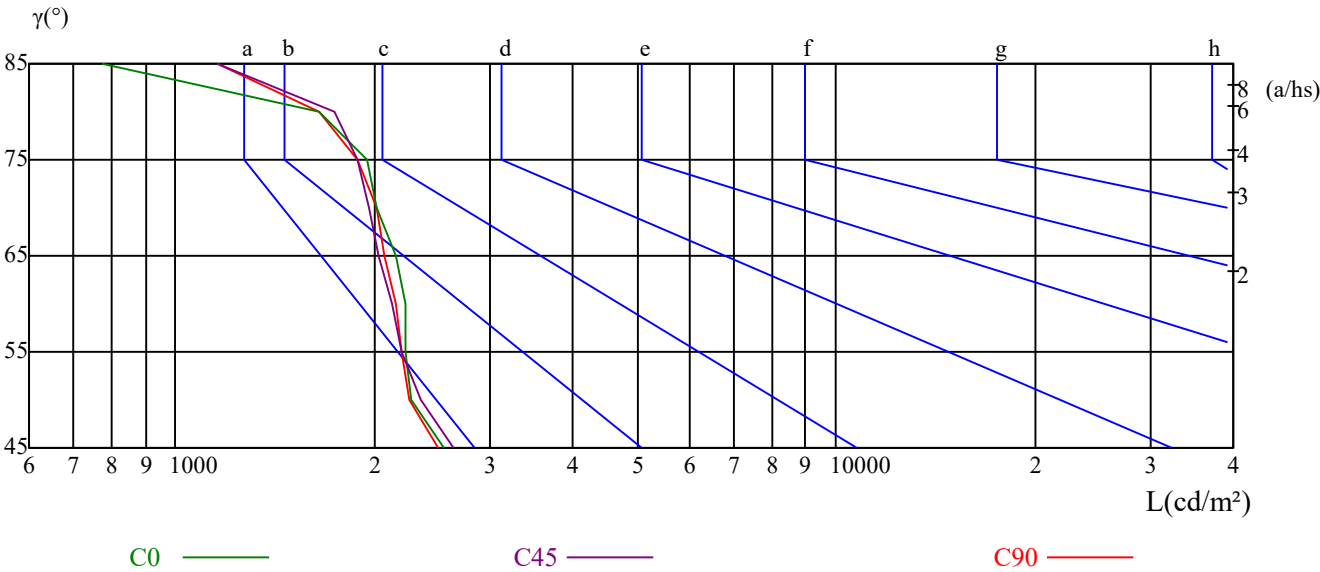
γ	45	50	55	60	65	70	75	80	85
C0	2549	2280	2232	2223	2152	2019	1952	1649	773
C45	2644	2358	2202	2122	2032	1970	1887	1746	1159
C90	2501	2253	2202	2156	2072	2019	1887	1649	1159

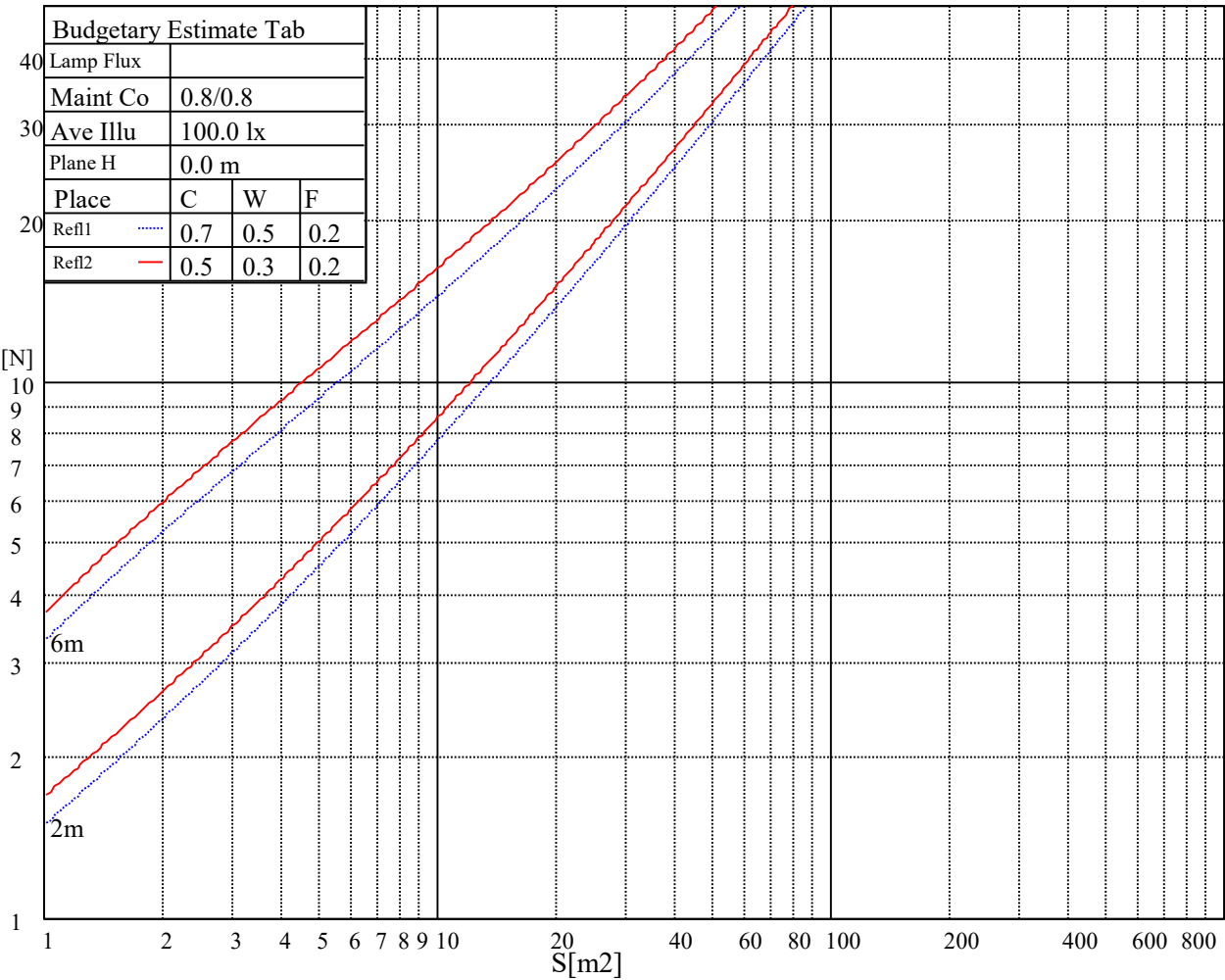
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2212	2192	2122	2017	2082	2017	1159	1643	1594

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	0.92	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	0.83	0.92	0.87	0.83	0.89	0.85	0.81	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	0.83	0.79	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.71
5	0.81	0.75	0.70	0.80	0.74	0.70	0.78	0.73	0.69	0.77	0.72	0.69	0.75	0.71	0.68	0.66
6	0.76	0.70	0.65	0.75	0.69	0.65	0.74	0.68	0.64	0.72	0.68	0.64	0.71	0.67	0.64	0.62
7	0.72	0.65	0.61	0.71	0.65	0.61	0.70	0.64	0.60	0.68	0.64	0.60	0.67	0.63	0.60	0.58
8	0.68	0.61	0.57	0.67	0.61	0.57	0.66	0.60	0.57	0.65	0.60	0.56	0.64	0.59	0.56	0.55
9	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.53	0.61	0.57	0.53	0.61	0.56	0.53	0.52
10	0.61	0.55	0.51	0.60	0.54	0.51	0.59	0.54	0.50	0.58	0.54	0.50	0.58	0.53	0.50	0.49

SPKPL-RDLRE2R-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	256.97	256.47	256.88	257.43	257.57	257.70	257.43	256.75	255.11
22.5	256.97	256.61	256.34	256.47	256.61	256.61	256.75	256.75	256.34
45.0	256.97	256.20	256.20	256.20	255.93	255.66	255.11	254.29	252.93
67.5	256.97	256.75	256.47	256.34	256.20	255.93	255.52	254.70	254.15
90.0	256.97	256.61	256.47	256.34	256.06	255.66	254.97	253.75	251.97
112.5	256.97	257.02	257.16	257.43	257.70	257.84	257.43	256.88	255.93
135.0	256.97	258.11	258.79	259.34	259.48	259.48	258.93	257.84	255.79
157.5	256.97	257.43	258.25	259.20	260.02	260.57	261.11	260.84	260.43
180.0	256.97	256.75	257.43	258.52	259.75	260.43	261.39	261.66	261.39
202.5	256.97	257.84	258.79	260.02	260.98	261.66	261.52	260.70	258.79
225.0	256.97	256.88	257.57	258.38	259.34	259.88	260.57	260.57	260.02
247.5	256.97	257.70	258.38	259.48	259.61	259.34	258.52	257.29	254.84
270.0	256.97	257.02	257.43	258.11	258.79	259.07	259.07	258.66	257.84
292.5	256.97	257.57	258.25	258.66	258.93	259.07	258.66	257.43	255.25
315.0	256.97	257.02	257.02	257.57	258.11	258.38	259.07	259.07	258.52
337.5	256.97	257.16	257.57	258.11	258.38	258.52	258.52	257.84	256.34
360.0	256.97	256.47	256.88	257.43	257.57	257.70	257.43	256.75	255.11
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	254.02	251.56	248.56	244.61	238.33	231.92	224.55	214.46	209.00
22.5	255.38	254.02	252.11	249.24	247.20	242.01	236.83	230.42	223.19
45.0	251.84	249.79	247.20	243.65	238.19	235.06	228.92	216.50	212.96
67.5	252.79	251.29	249.38	246.65	244.74	239.69	234.65	228.64	221.82
90.0	250.74	248.15	244.74	240.65	234.65	231.10	224.69	212.82	207.91
112.5	254.70	253.61	250.74	246.11	243.51	238.74	231.92	225.23	217.87
135.0	254.29	251.29	247.61	243.10	236.83	230.69	223.87	215.00	210.09
157.5	259.07	257.84	254.84	251.29	247.06	241.19	235.60	229.33	222.37
180.0	260.57	259.61	257.29	254.15	250.20	244.33	238.60	232.46	225.64
202.5	257.43	254.43	250.47	245.56	238.60	234.51	227.83	220.60	212.96
225.0	258.79	257.70	253.34	249.65	246.92	240.79	234.78	228.23	221.00
247.5	253.34	250.06	245.97	241.19	234.51	230.69	224.14	217.05	207.91
270.0	256.20	253.20	251.56	246.38	243.79	237.65	231.78	225.10	217.73
292.5	253.88	250.61	246.79	241.06	235.19	231.24	221.41	212.00	206.82
315.0	257.29	256.34	253.47	250.34	246.52	240.79	235.06	228.23	220.32
337.5	255.25	253.06	250.34	246.65	240.65	237.10	227.28	217.18	212.00
360.0	254.02	251.56	248.56	244.61	238.33	231.92	224.55	214.46	209.00
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	199.45	189.76	180.21	168.62	162.89	153.07	143.52	132.06	122.37
22.5	218.14	207.50	198.09	188.40	176.53	166.44	157.02	147.88	142.29
45.0	201.63	191.67	181.58	169.57	163.71	154.29	144.88	136.29	126.19
67.5	217.18	207.23	198.63	189.63	178.44	174.76	159.89	150.61	145.02
90.0	199.18	190.31	181.17	170.39	164.80	155.11	145.56	136.42	124.42
112.5	213.09	203.13	194.40	185.81	176.80	171.35	160.84	152.38	143.24
135.0	201.91	193.31	184.58	174.21	169.16	156.89	146.79	141.74	133.97
157.5	218.00	209.00	201.22	193.17	184.85	179.67	169.71	157.84	152.79
180.0	221.41	212.41	204.50	196.18	187.85	182.81	172.98	164.66	156.34
202.5	203.13	198.22	186.90	177.08	172.03	164.12	156.34	148.15	138.47
225.0	216.50	207.09	199.04	190.72	180.76	172.57	164.53	156.48	151.84
247.5	199.86	191.81	183.90	174.35	169.57	161.39	153.34	145.56	136.15
270.0	213.23	203.82	195.77	187.58	179.26	174.21	164.39	153.07	148.02
292.5	198.22	189.35	180.90	170.53	165.34	156.75	148.84	141.06	131.51
315.0	215.27	204.63	195.36	185.81	176.26	170.80	160.02	151.29	142.97
337.5	202.59	193.17	183.62	172.44	166.98	158.11	149.25	140.92	130.83
360.0	199.45	189.76	180.21	168.62	162.89	153.07	143.52	132.06	122.37

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	115.96	98.63	81.44	72.85	58.80	46.52	37.11	30.42	28.10
22.5	131.24	122.23	113.23	103.41	96.72	82.81	64.53	57.02	45.43
45.0	121.55	113.91	106.82	98.77	92.22	85.95	79.81	72.03	67.80
67.5	134.10	124.69	115.55	106.41	100.00	85.95	73.26	61.12	46.79
90.0	112.96	100.13	82.67	74.08	59.89	47.88	38.06	30.83	28.51
112.5	132.47	123.87	114.73	104.50	97.68	83.22	69.98	57.30	45.97
135.0	126.19	118.96	110.37	106.00	98.77	92.09	85.67	77.08	72.85
157.5	142.70	133.69	124.96	116.23	110.23	97.00	84.31	71.35	57.57
180.0	145.97	136.70	126.74	115.55	107.64	90.18	74.21	59.62	46.25
202.5	133.83	125.24	115.82	106.00	92.63	79.67	66.16	51.43	44.88
225.0	142.29	134.51	127.01	119.92	115.82	107.50	97.81	66.16	51.43
247.5	130.97	122.37	114.19	104.36	91.40	84.31	67.12	51.98	45.57
270.0	137.79	129.19	119.64	108.73	101.09	84.72	69.85	56.34	44.06
292.5	123.74	115.69	104.77	99.04	88.54	76.12	63.03	48.70	42.43
315.0	134.92	125.78	118.55	111.87	108.05	100.41	94.00	60.30	45.97
337.5	122.23	113.50	103.00	96.72	85.40	72.71	60.30	45.97	40.11
360.0	115.96	98.63	81.44	72.85	58.80	46.52	37.11	30.42	28.10
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	25.51	23.60	21.55	20.19	19.10	18.01	16.78	16.23	15.28
22.5	34.65	28.38	24.83	23.46	21.42	20.05	18.96	17.87	17.33
45.0	45.43	34.65	28.38	32.33	28.24	22.37	17.60	17.05	15.82
67.5	37.24	30.15	25.78	24.15	21.96	20.46	19.24	18.14	17.60
90.0	25.78	23.60	21.96	20.19	19.51	18.42	16.78	16.10	15.14
112.5	40.38	31.38	25.92	24.56	22.65	20.74	19.51	18.28	17.73
135.0	65.35	40.38	31.38	36.56	28.65	22.51	18.28	17.05	15.96
157.5	50.20	37.38	29.88	24.97	21.96	20.19	18.83	17.87	17.19
180.0	40.11	30.97	25.78	24.01	21.69	20.05	18.69	17.46	16.78
202.5	35.74	29.47	25.51	22.51	21.42	19.78	18.42	17.19	15.96
225.0	44.88	35.74	29.47	25.24	22.51	21.42	19.78	25.24	21.96
247.5	36.29	29.47	25.24	22.51	21.42	19.92	18.55	17.33	16.37
270.0	33.70	30.01	25.37	23.87	21.69	20.19	18.96	17.60	16.92
292.5	33.29	27.56	23.46	21.42	20.46	18.69	17.33	16.78	15.96
315.0	40.11	32.33	27.15	23.46	21.42	20.46	18.69	22.92	20.19
337.5	32.33	27.15	23.74	21.83	21.01	19.78	18.01	17.46	16.51
360.0	25.51	23.60	21.55	20.19	19.10	18.01	16.78	16.23	15.28
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	14.60	13.92	13.37	12.96	12.14	11.87	11.46	11.19	10.91
22.5	16.37	15.55	14.73	13.92	13.37	12.96	12.41	12.01	11.46
45.0	15.14	14.60	13.78	13.51	12.96	12.28	11.87	11.19	11.05
67.5	16.64	15.42	15.01	14.19	13.78	12.82	12.28	12.01	11.32
90.0	14.32	13.78	13.10	12.69	12.14	11.73	11.32	10.91	10.64
112.5	16.37	15.55	14.60	13.92	13.51	12.96	12.28	11.87	11.19
135.0	15.14	14.46	13.64	13.37	12.55	12.14	11.60	11.19	10.64
157.5	16.10	15.14	14.46	13.78	13.37	12.82	12.14	11.73	11.05
180.0	15.69	14.87	14.19	13.51	13.10	12.41	11.87	11.32	10.91
202.5	15.42	14.32	13.51	13.10	12.69	12.01	11.60	10.91	10.78
225.0	16.78	15.55	15.01	14.46	13.64	13.10	12.55	12.14	11.60
247.5	15.69	14.60	13.64	13.37	12.82	12.28	11.73	11.05	10.91
270.0	15.82	15.01	14.32	13.64	13.10	12.69	11.87	11.60	11.19
292.5	15.14	14.46	13.64	13.37	12.82	12.28	11.87	11.19	10.91
315.0	17.05	15.96	15.01	14.46	14.05	13.37	12.82	12.28	11.73
337.5	15.69	15.01	14.05	13.64	13.10	12.55	12.14	11.46	11.05
360.0	14.60	13.92	13.37	12.96	12.14	11.87	11.46	11.19	10.91

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	10.64	10.37	10.23	9.96	9.69	9.28	9.00	8.73	8.46
22.5	11.05	10.78	10.50	10.37	10.10	9.69	9.55	9.28	8.87
45.0	10.50	10.23	9.82	9.41	9.14	8.87	8.59	8.32	8.05
67.5	10.91	10.64	10.37	10.23	9.82	9.69	9.28	9.00	8.73
90.0	10.50	10.23	9.96	9.69	9.41	9.14	8.73	8.59	8.19
112.5	10.91	10.64	10.37	10.10	9.82	9.55	9.28	9.00	8.73
135.0	10.23	9.82	9.55	9.28	9.00	8.73	8.32	8.19	7.91
157.5	10.64	10.37	10.10	9.96	9.55	9.28	9.14	8.87	8.59
180.0	10.64	10.50	10.23	10.10	9.69	9.55	9.14	8.87	8.73
202.5	10.37	10.10	9.96	9.69	9.28	9.14	8.73	8.46	8.19
225.0	11.05	10.64	10.23	9.96	9.55	9.28	9.00	8.73	8.32
247.5	10.50	10.23	9.96	9.69	9.41	9.14	8.87	8.59	8.32
270.0	10.91	10.64	10.50	10.23	9.96	9.69	9.41	9.14	8.87
292.5	10.64	10.23	10.10	9.82	9.69	9.28	9.00	8.87	8.46
315.0	11.32	10.91	10.50	10.23	9.82	9.55	9.28	9.00	8.73
337.5	10.78	10.50	10.23	9.96	9.82	9.41	9.14	8.87	8.73
360.0	10.64	10.37	10.23	9.96	9.69	9.28	9.00	8.73	8.46
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.05	7.64	7.37	7.09	6.55	6.14	6.00	5.59	5.32
22.5	8.59	8.19	8.05	7.64	7.37	6.96	6.55	6.41	6.00
45.0	7.78	7.37	6.96	6.82	6.41	6.14	5.87	5.46	5.18
67.5	8.32	8.05	7.78	7.50	7.09	6.82	6.41	6.14	5.87
90.0	7.91	7.50	7.09	6.82	6.55	6.00	5.87	5.59	5.18
112.5	8.46	7.91	7.78	7.50	6.96	6.68	6.41	6.14	5.73
135.0	7.50	7.23	6.82	6.55	6.28	5.87	5.73	5.32	5.05
157.5	8.32	7.78	7.64	7.23	6.82	6.55	6.28	6.00	5.59
180.0	8.32	7.91	7.78	7.37	6.96	6.68	6.28	6.14	5.73
202.5	7.91	7.50	7.23	6.96	6.68	6.28	6.00	5.59	5.32
225.0	8.05	7.78	7.50	7.23	6.96	6.55	6.28	6.14	5.73
247.5	8.05	7.64	7.37	7.09	6.68	6.41	6.14	5.73	5.46
270.0	8.46	8.05	7.91	7.50	7.09	6.82	6.55	6.28	5.87
292.5	8.19	7.78	7.50	7.23	6.82	6.41	6.28	5.87	5.59
315.0	8.46	8.05	7.78	7.50	7.09	6.82	6.41	6.28	5.87
337.5	8.32	7.91	7.50	7.37	7.09	6.55	6.28	6.00	5.59
360.0	8.05	7.64	7.37	7.09	6.55	6.14	6.00	5.59	5.32
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.05	4.64	4.37	4.09	3.82	3.41	3.00	2.59	2.32
22.5	5.59	5.32	4.91	4.64	4.23	3.96	3.68	3.27	3.00
45.0	4.91	4.50	4.23	3.96	3.68	3.41	2.86	2.86	2.46
67.5	5.32	5.18	4.91	4.64	4.09	3.82	3.68	3.27	3.00
90.0	4.91	4.50	4.23	3.96	3.68	3.27	3.00	2.59	2.32
112.5	5.46	5.05	4.77	4.50	4.23	3.82	3.55	3.14	2.86
135.0	4.77	4.37	4.09	3.68	3.55	3.27	2.86	2.59	2.32
157.5	5.32	5.05	4.64	4.50	4.09	3.55	3.41	3.14	2.86
180.0	5.32	5.05	4.77	4.37	4.09	3.82	3.55	3.27	2.86
202.5	5.05	4.64	4.37	4.09	3.68	3.41	3.00	2.86	2.46
225.0	5.32	5.05	4.77	4.50	4.09	3.82	3.68	3.27	2.86
247.5	5.05	4.64	4.50	4.09	3.82	3.55	3.14	2.86	2.59
270.0	5.59	5.18	4.91	4.77	4.37	4.09	3.68	3.27	3.00
292.5	5.18	4.77	4.64	4.23	3.96	3.68	3.27	2.86	2.59
315.0	5.59	5.18	4.91	4.77	4.37	3.96	3.68	3.41	3.27
337.5	5.32	4.91	4.77	4.37	3.96	3.68	3.27	3.00	2.59
360.0	5.05	4.64	4.37	4.09	3.82	3.41	3.00	2.59	2.32

SPKPL-RDLRE2R-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	1.77	1.64	1.23	0.82	0.55	0.27	0.27	0.00	0.00
22.5	2.59	2.18	2.05	1.50	1.09	0.95	0.55	0.27	0.14
45.0	2.18	1.77	1.50	1.09	0.82	0.41	0.27	0.00	0.00
67.5	2.59	2.32	2.05	1.77	1.36	1.09	0.68	0.41	0.14
90.0	2.05	1.77	1.50	1.23	0.82	0.41	0.27	0.14	0.00
112.5	2.59	2.18	2.05	1.64	1.36	0.95	0.68	0.55	0.27
135.0	1.91	1.77	1.36	1.09	0.82	0.41	0.27	0.00	0.00
157.5	2.46	2.05	1.77	1.36	1.09	0.82	0.55	0.41	0.14
180.0	2.46	2.18	1.91	1.50	1.09	0.82	0.41	0.41	0.27
202.5	2.18	1.77	1.36	0.95	0.68	0.27	0.27	0.14	0.00
225.0	2.59	2.32	2.18	1.77	1.36	1.09	0.82	0.41	0.27
247.5	2.32	2.05	1.64	1.36	0.95	0.68	0.41	0.14	0.00
270.0	2.73	2.46	2.18	1.77	1.50	1.23	0.95	0.82	0.27
292.5	2.18	1.91	1.77	1.36	1.09	0.68	0.55	0.27	0.00
315.0	2.73	2.46	2.18	1.77	1.50	1.23	0.95	0.68	0.41
337.5	2.18	1.91	1.50	1.23	0.95	0.55	0.41	0.14	0.00
360.0	1.77	1.64	1.23	0.82	0.55	0.27	0.27	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

Equipment: GMS-1800
Temperature(°C): 25.0Date: 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	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14
90.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14	0.14
135.0	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14
202.5	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
247.5	0.00	0.00	0.14	0.00	0.14	0.14	0.00	0.14	0.14
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.00	0.14
337.5	0.00	0.14	0.00	0.00	0.14	0.00	0.14	0.14	0.14
360.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14

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

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	0.55	0.55	0.55	0.68	0.55	0.55	0.55	0.68	0.68
22.5	0.41	0.55	0.68	0.68	0.68	0.68	0.68	0.55	0.68
45.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68
67.5	0.55	0.55	0.55	0.68	0.55	0.55	0.55	0.68	0.55
90.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68
112.5	0.55	0.55	0.55	0.55	0.68	0.55	0.68	0.68	0.68
135.0	0.55	0.68	0.68	0.68	0.55	0.68	0.55	0.68	0.68
157.5	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68
180.0	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68	0.68
202.5	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.68
225.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
247.5	0.55	0.55	0.55	0.68	0.68	0.68	0.68	0.68	0.68
270.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68
292.5	0.55	0.55	0.55	0.68	0.55	0.55	0.68	0.68	0.68
315.0	0.55	0.55	0.55	0.55	0.55	0.55	0.68	0.55	0.68
337.5	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.68
360.0	0.55	0.55	0.55	0.68	0.55	0.55	0.55	0.68	0.68
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82
22.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
45.0	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.82
67.5	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.68
90.0	0.68	0.68	0.82	0.68	0.68	0.68	0.82	0.82	0.82
112.5	0.68	0.68	0.68	0.82	0.68	0.68	0.68	0.82	0.82
135.0	0.68	0.68	0.68	0.82	0.68	0.68	0.68	0.68	0.82
157.5	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82
180.0	0.68	0.68	0.68	0.82	0.82	0.68	0.68	0.82	0.82
202.5	0.68	0.68	0.68	0.82	0.68	0.82	0.68	0.68	0.82
225.0	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82
247.5	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.68
270.0	0.68	0.68	0.68	0.82	0.68	0.82	0.68	0.68	0.82
292.5	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82
315.0	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.68	0.82
337.5	0.68	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.82
360.0	0.68	0.68	0.68	0.68	0.68	0.68	0.82	0.82	0.82
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								