



Bell-Southcn Testing Laboratory(Shenzhen)

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Client:

LumCAT: SPKPL-RDLRE2Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111303-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.014

Lamp flux(lm)

Power (W): 1.338

Number of Lamps: 1

PF: 0.784

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

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### Photometric Results

Lumens(lm): 17.23, Luminous Efficacy(lm/W): 12.87

Central intensity(cd): 23.94, Maximum intensity(cd): 24.15

Angle of maximum intensity:  $C=315.0$   $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=44.5

[C90/270]Total=43.0

Field angle(10%Imax): [C0/180]Total=82.7

[C90/270]Total=83.5

Maximum s/h(1/2): C0\_180=0.75 C90\_270=0.65

Maximum s/h(1/4): C0\_180=0.79 C90\_270=0.73

Up flux rate of LUM(%): 0.01%

Down flux rate of LUM(%): 99.99%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 96.944%

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

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

Operator: Liao  
Distance(m): 11.68

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	23.942	0.000	0.000	0.000%	0.000%
1.0	23.976	0.023	0.023	0.133%	0.133%
2.0	23.865	0.069	0.092	0.399%	0.532%
3.0	23.720	0.114	0.205	0.661%	1.192%
4.0	23.524	0.158	0.364	0.918%	2.111%
5.0	23.243	0.201	0.565	1.168%	3.279%
6.0	22.945	0.243	0.807	1.409%	4.688%
7.0	22.561	0.282	1.090	1.640%	6.327%
8.0	22.083	0.320	1.409	1.855%	8.182%
9.0	21.708	0.355	1.764	2.060%	10.243%
10.0	21.188	0.388	2.153	2.254%	12.496%
11.0	20.557	0.417	2.570	2.422%	14.918%
12.0	19.824	0.441	3.011	2.563%	17.480%
13.0	19.167	0.463	3.474	2.686%	20.167%
14.0	18.434	0.481	3.955	2.794%	22.961%
15.0	17.633	0.495	4.450	2.874%	25.835%
16.0	16.763	0.504	4.954	2.926%	28.761%
17.0	15.902	0.509	5.463	2.953%	31.714%
18.0	15.228	0.513	5.976	2.980%	34.694%
19.0	14.307	0.514	6.490	2.983%	37.677%
20.0	13.472	0.508	6.998	2.952%	40.629%
21.0	12.619	0.501	7.499	2.908%	43.537%
22.0	12.005	0.495	7.994	2.873%	46.410%
23.0	11.417	0.491	8.486	2.853%	49.263%
24.0	10.649	0.482	8.968	2.801%	52.064%
25.0	10.061	0.471	9.439	2.734%	54.797%
26.0	9.541	0.463	9.902	2.686%	57.484%
27.0	9.064	0.455	10.357	2.642%	60.126%
28.0	8.578	0.447	10.804	2.593%	62.719%
29.0	8.040	0.435	11.238	2.524%	65.243%
30.0	7.674	0.424	11.663	2.463%	67.706%
31.0	7.333	0.418	12.080	2.424%	70.130%
32.0	6.915	0.408	12.488	2.370%	72.500%
33.0	6.472	0.394	12.883	2.289%	74.790%
34.0	6.088	0.380	13.263	2.207%	76.996%
35.0	5.764	0.368	13.631	2.137%	79.133%
36.0	5.338	0.353	13.984	2.052%	81.185%
37.0	4.826	0.331	14.316	1.924%	83.109%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	4.229	0.302	14.618	1.755%	84.864%
39.0	3.726	0.272	14.890	1.576%	86.440%
40.0	3.240	0.243	15.133	1.410%	87.851%
41.0	2.711	0.212	15.345	1.230%	89.081%
42.0	2.200	0.178	15.523	1.036%	90.117%
43.0	1.773	0.147	15.670	0.854%	90.971%
44.0	1.467	0.122	15.792	0.710%	91.681%
45.0	1.143	0.100	15.893	0.582%	92.263%
46.0	0.938	0.081	15.974	0.472%	92.736%
47.0	0.861	0.072	16.046	0.415%	93.151%
48.0	0.853	0.069	16.115	0.402%	93.553%
49.0	0.759	0.066	16.181	0.384%	93.937%
50.0	0.725	0.062	16.243	0.359%	94.296%
51.0	0.657	0.058	16.301	0.339%	94.636%
52.0	0.605	0.054	16.356	0.314%	94.950%
53.0	0.563	0.051	16.406	0.295%	95.245%
54.0	0.529	0.048	16.454	0.279%	95.524%
55.0	0.477	0.045	16.499	0.261%	95.785%
56.0	0.469	0.043	16.542	0.248%	96.033%
57.0	0.435	0.041	16.583	0.240%	96.273%
58.0	0.409	0.039	16.623	0.227%	96.500%
59.0	0.409	0.038	16.661	0.222%	96.722%
60.0	0.401	0.038	16.699	0.222%	96.944%
61.0	0.367	0.037	16.736	0.213%	97.157%
62.0	0.341	0.034	16.770	0.198%	97.355%
63.0	0.358	0.034	16.804	0.197%	97.552%
64.0	0.341	0.034	16.838	0.199%	97.751%
65.0	0.358	0.035	16.873	0.201%	97.952%
66.0	0.307	0.033	16.906	0.193%	98.145%
67.0	0.281	0.030	16.935	0.172%	98.317%
68.0	0.264	0.028	16.963	0.160%	98.477%
69.0	0.264	0.027	16.990	0.157%	98.634%
70.0	0.256	0.027	17.017	0.155%	98.789%
71.0	0.230	0.025	17.042	0.146%	98.934%
72.0	0.222	0.023	17.065	0.136%	99.071%
73.0	0.188	0.021	17.087	0.124%	99.195%
74.0	0.171	0.019	17.106	0.109%	99.304%
75.0	0.179	0.018	17.124	0.107%	99.412%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.145	0.017	17.141	0.100%	99.511%
77.0	0.128	0.015	17.156	0.084%	99.596%
78.0	0.128	0.014	17.170	0.079%	99.675%
79.0	0.119	0.013	17.183	0.077%	99.753%
80.0	0.102	0.012	17.195	0.069%	99.822%
81.0	0.068	0.009	17.204	0.054%	99.875%
82.0	0.085	0.008	17.212	0.048%	99.924%
83.0	0.034	0.006	17.219	0.038%	99.961%
84.0	0.026	0.003	17.222	0.019%	99.980%
85.0	0.009	0.002	17.224	0.011%	99.991%
86.0	0.000	0.000	17.224	0.003%	99.994%
87.0	0.000	0.000	17.224	0.000%	99.994%
88.0	0.000	0.000	17.224	0.000%	99.994%
89.0	0.000	0.000	17.224	0.000%	99.994%
90.0	0.000	0.000	17.224	0.000%	99.994%
91.0	0.000	0.000	17.224	0.000%	99.994%
92.0	0.000	0.000	17.224	0.000%	99.994%
93.0	0.000	0.000	17.224	0.000%	99.994%
94.0	0.000	0.000	17.224	0.000%	99.994%
95.0	0.000	0.000	17.224	0.000%	99.994%
96.0	0.000	0.000	17.224	0.000%	99.994%
97.0	0.000	0.000	17.224	0.000%	99.994%
98.0	0.000	0.000	17.224	0.000%	99.994%
99.0	0.000	0.000	17.224	0.000%	99.994%
100.0	0.000	0.000	17.224	0.000%	99.994%
101.0	0.000	0.000	17.224	0.000%	99.994%
102.0	0.000	0.000	17.224	0.000%	99.994%
103.0	0.000	0.000	17.224	0.000%	99.994%
104.0	0.000	0.000	17.224	0.000%	99.994%
105.0	0.000	0.000	17.224	0.000%	99.994%
106.0	0.000	0.000	17.224	0.000%	99.994%
107.0	0.000	0.000	17.224	0.000%	99.994%
108.0	0.000	0.000	17.224	0.000%	99.994%
109.0	0.000	0.000	17.224	0.000%	99.994%
110.0	0.000	0.000	17.224	0.000%	99.994%
111.0	0.000	0.000	17.224	0.000%	99.994%
112.0	0.000	0.000	17.224	0.000%	99.994%
113.0	0.000	0.000	17.224	0.000%	99.994%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	17.224	0.000%	99.994%
115.0	0.000	0.000	17.224	0.000%	99.994%
116.0	0.000	0.000	17.224	0.000%	99.994%
117.0	0.000	0.000	17.224	0.000%	99.994%
118.0	0.000	0.000	17.224	0.000%	99.994%
119.0	0.000	0.000	17.224	0.000%	99.994%
120.0	0.000	0.000	17.224	0.000%	99.994%
121.0	0.000	0.000	17.224	0.000%	99.994%
122.0	0.000	0.000	17.224	0.000%	99.994%
123.0	0.009	0.000	17.225	0.002%	99.996%
124.0	0.000	0.000	17.225	0.002%	99.998%
125.0	0.000	0.000	17.225	0.000%	99.998%
126.0	0.000	0.000	17.225	0.000%	99.998%
127.0	0.000	0.000	17.225	0.000%	99.998%
128.0	0.000	0.000	17.225	0.000%	99.998%
129.0	0.000	0.000	17.225	0.000%	99.998%
130.0	0.000	0.000	17.225	0.000%	99.998%
131.0	0.000	0.000	17.225	0.000%	99.998%
132.0	0.000	0.000	17.225	0.000%	99.998%
133.0	0.000	0.000	17.225	0.000%	99.998%
134.0	0.000	0.000	17.225	0.000%	99.998%
135.0	0.000	0.000	17.225	0.000%	99.998%
136.0	0.000	0.000	17.225	0.000%	99.998%
137.0	0.000	0.000	17.225	0.000%	99.998%
138.0	0.000	0.000	17.225	0.000%	99.998%
139.0	0.000	0.000	17.225	0.000%	99.998%
140.0	0.000	0.000	17.225	0.000%	99.998%
141.0	0.000	0.000	17.225	0.000%	99.998%
142.0	0.000	0.000	17.225	0.000%	99.998%
143.0	0.000	0.000	17.225	0.000%	99.998%
144.0	0.000	0.000	17.225	0.000%	99.998%
145.0	0.000	0.000	17.225	0.000%	99.998%
146.0	0.000	0.000	17.225	0.000%	99.998%
147.0	0.000	0.000	17.225	0.000%	99.998%
148.0	0.000	0.000	17.225	0.000%	99.998%
149.0	0.000	0.000	17.225	0.000%	99.998%
150.0	0.000	0.000	17.225	0.000%	99.998%
151.0	0.000	0.000	17.225	0.000%	99.998%

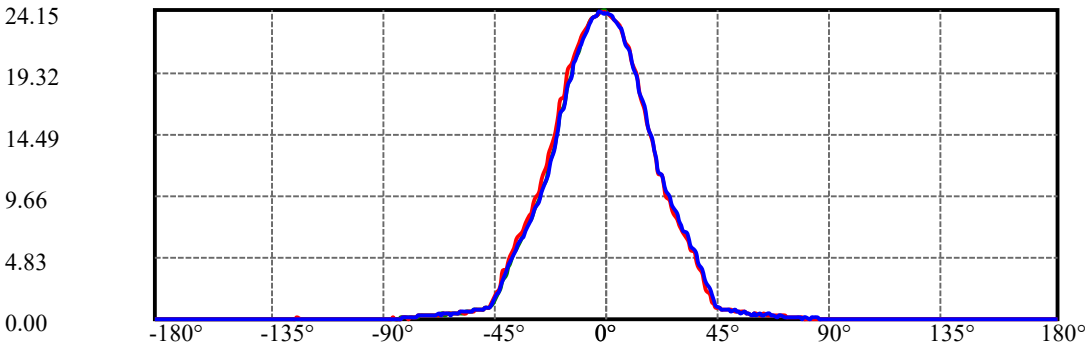
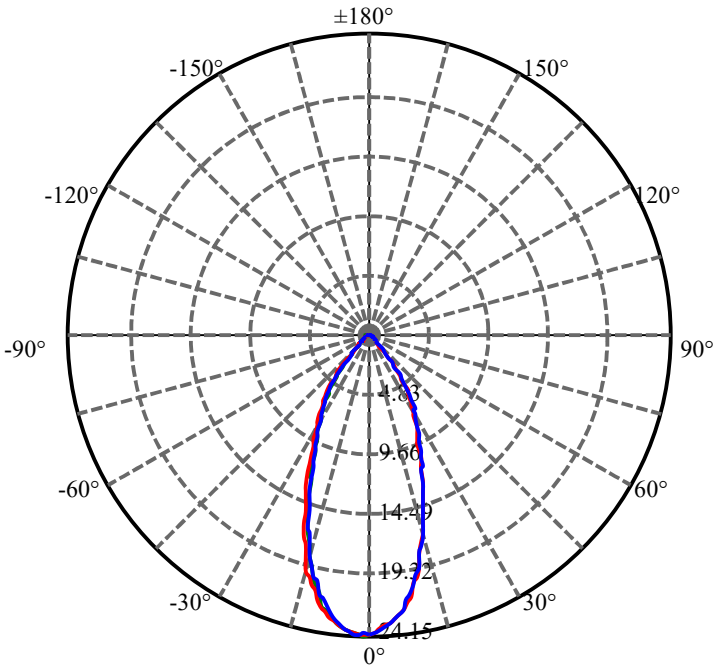
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	17.225	0.000%	99.998%
153.0	0.000	0.000	17.225	0.000%	99.998%
154.0	0.000	0.000	17.225	0.000%	99.998%
155.0	0.000	0.000	17.225	0.000%	99.998%
156.0	0.000	0.000	17.225	0.000%	99.998%
157.0	0.000	0.000	17.225	0.000%	99.998%
158.0	0.000	0.000	17.225	0.000%	99.998%
159.0	0.000	0.000	17.225	0.000%	99.998%
160.0	0.000	0.000	17.225	0.000%	99.998%
161.0	0.000	0.000	17.225	0.000%	99.998%
162.0	0.000	0.000	17.225	0.000%	99.998%
163.0	0.009	0.000	17.225	0.001%	99.999%
164.0	0.000	0.000	17.225	0.001%	100.000%
165.0	0.000	0.000	17.225	0.000%	100.000%
166.0	0.000	0.000	17.225	0.000%	100.000%
167.0	0.000	0.000	17.225	0.000%	100.000%
168.0	0.000	0.000	17.225	0.000%	100.000%
169.0	0.000	0.000	17.225	0.000%	100.000%
170.0	0.000	0.000	17.225	0.000%	100.000%
171.0	0.000	0.000	17.225	0.000%	100.000%
172.0	0.000	0.000	17.225	0.000%	100.000%
173.0	0.000	0.000	17.225	0.000%	100.000%
174.0	0.000	0.000	17.225	0.000%	100.000%
175.0	0.000	0.000	17.225	0.000%	100.000%
176.0	0.000	0.000	17.225	0.000%	100.000%
177.0	0.000	0.000	17.225	0.000%	100.000%
178.0	0.000	0.000	17.225	0.000%	100.000%
179.0	0.000	0.000	17.225	0.000%	100.000%
180.0	0.000	0.000	17.225	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	11.66	67.71%
0-40	15.13	87.85%
0-60	16.70	96.94%
0-90	17.22	99.99%
0-120	17.22	99.99%
0-180	17.23	100.00%
60-90	0.53	3.05%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.01%
0-35.42	13.78	80.00%

ZONAL LUMEN SUMMARY

0-10	2.15
10-20	4.85
20-30	4.66
30-40	3.47
40-50	1.11
50-60	0.46
60-70	0.32
70-80	0.18
80-90	0.03
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

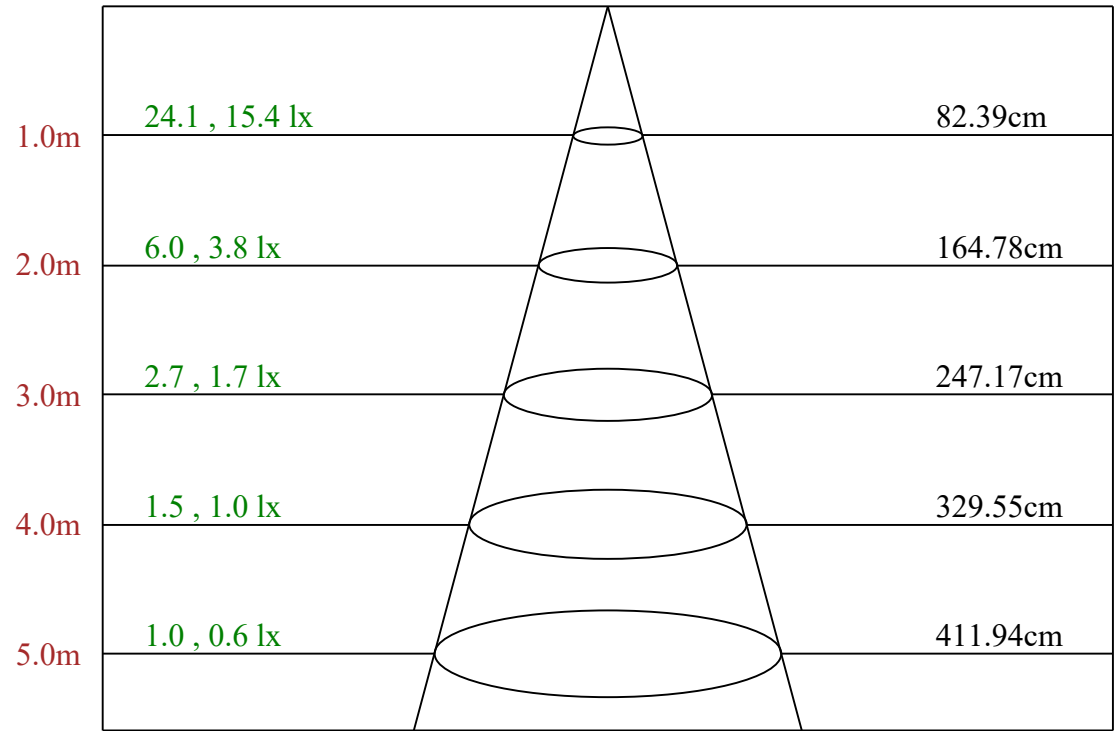


C315(Max):  
C0/C180:  
C90/C270:

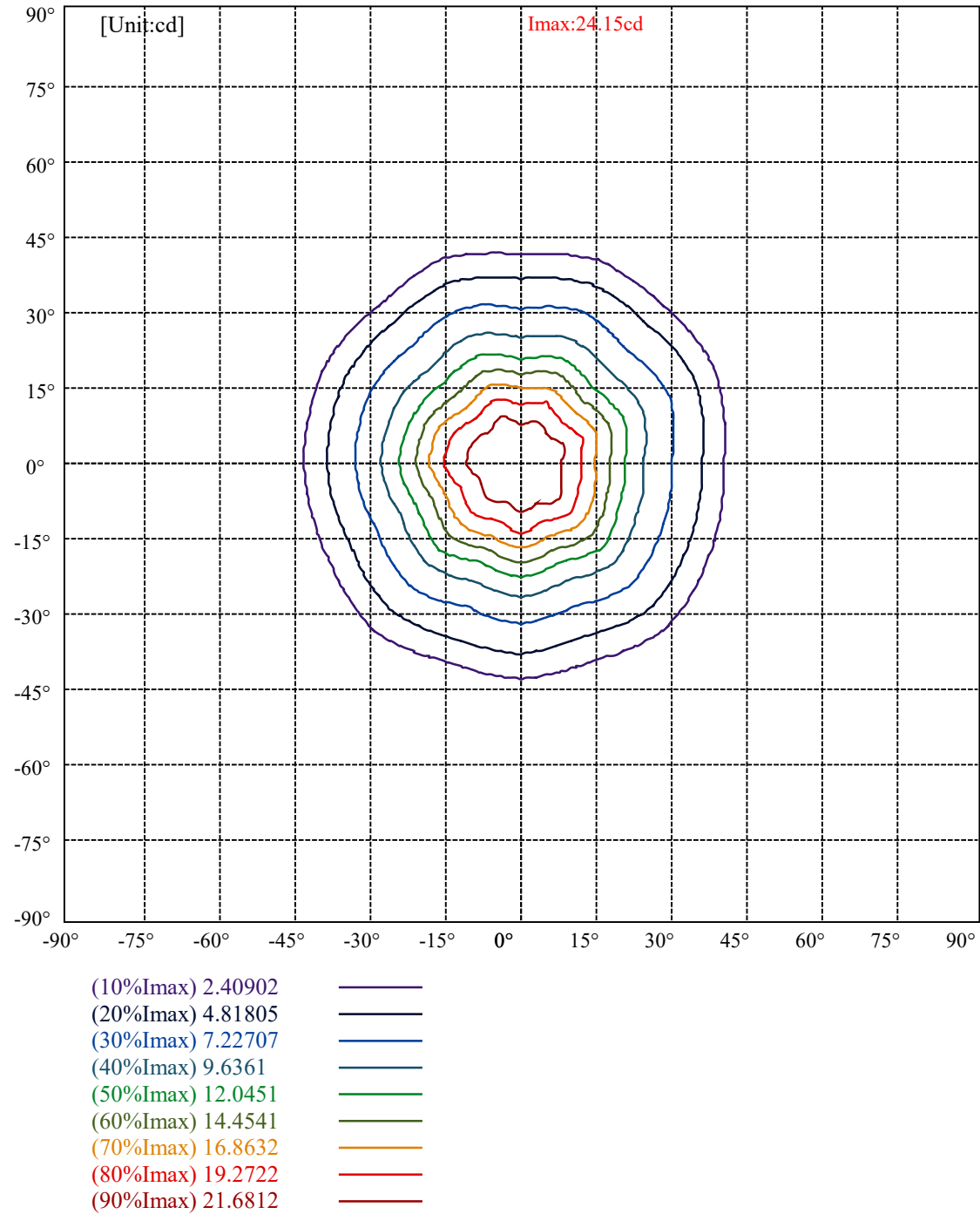
Field angle(10%Imax):C0/180Left:42.8 Right:39.9  
:C90/270Left:42.4 Right:41.1

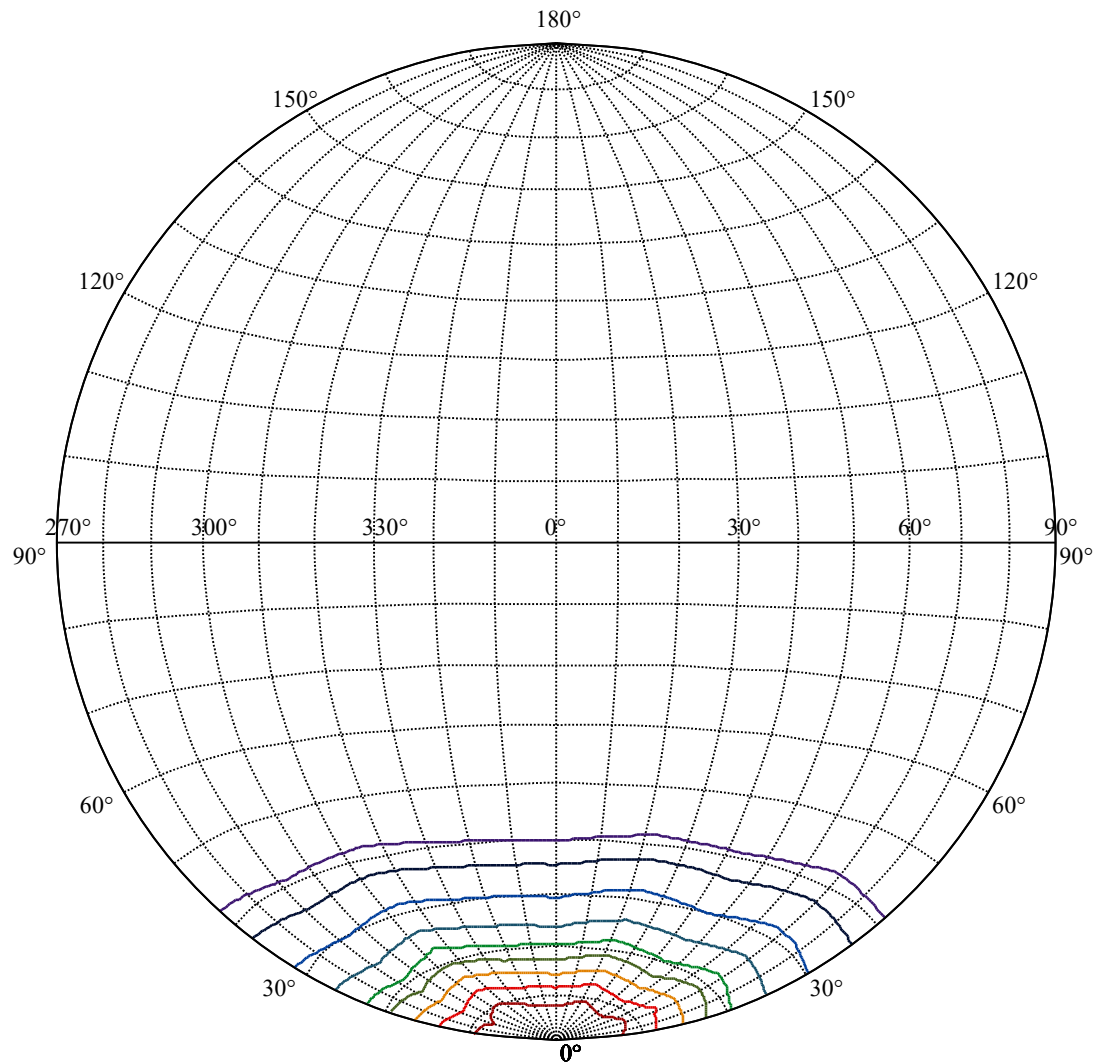
Beam Angle(50%Imax):C0/180Left:24.1 Right:20.5  
:C90/270Left:22.4 Right:20.6





Max , Ave      Beam angle of C315 plane 44.78



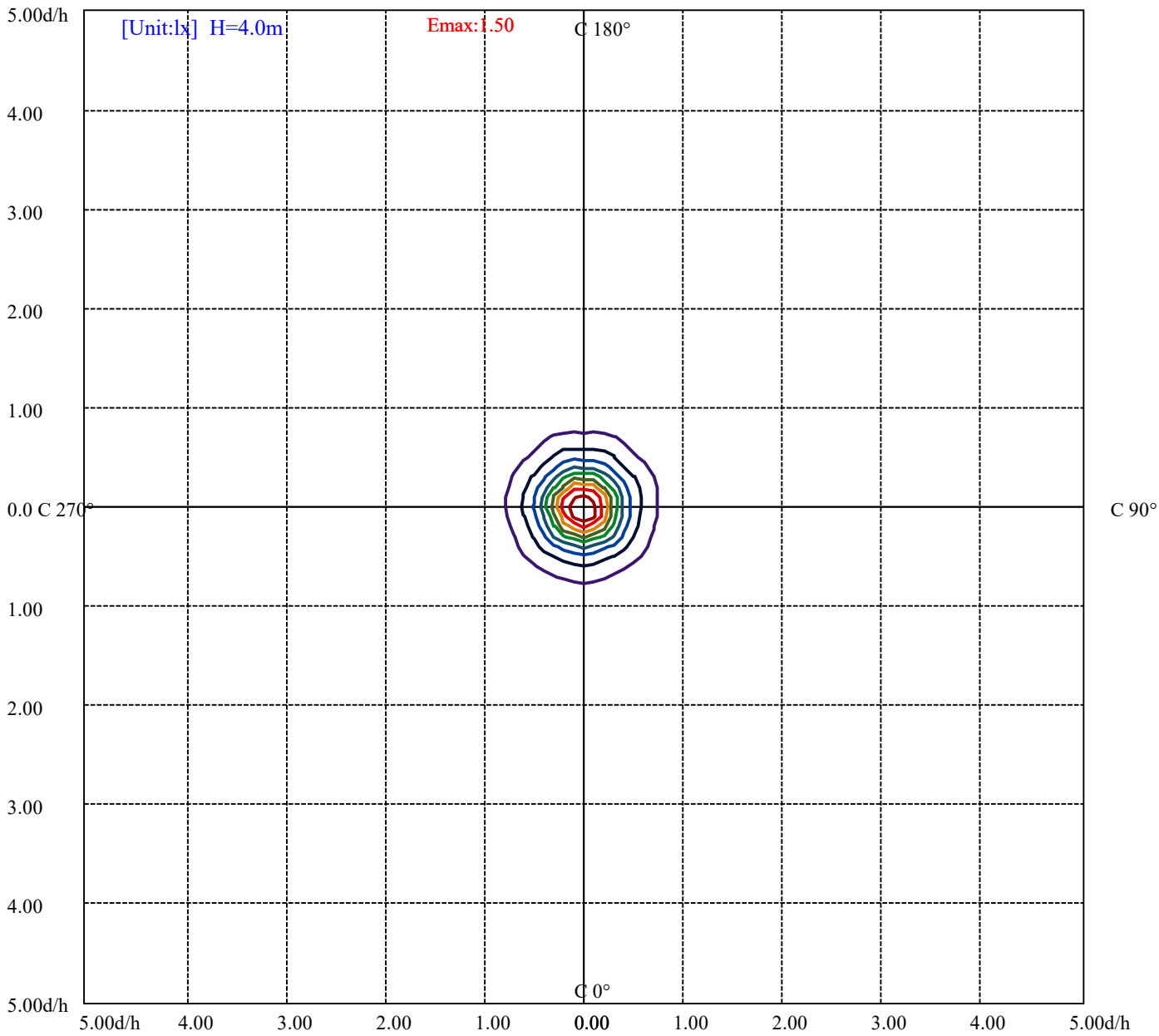


House

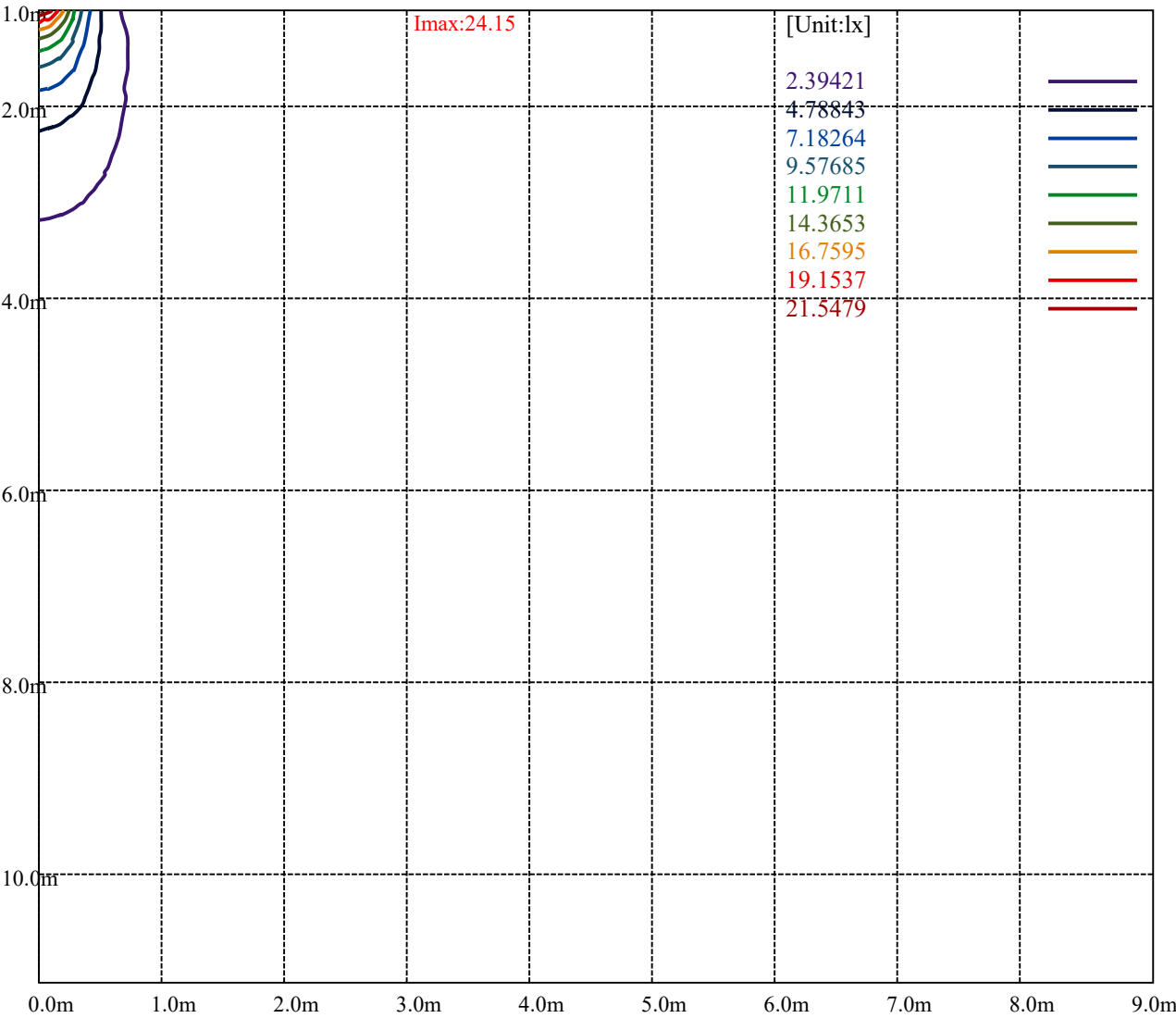
[Unit:cd]

Road

Imax:24.15	
(10%Imax) 2.41468	
(20%Imax) 4.82935	
(30%Imax) 7.24403	
(40%Imax) 9.65871	
(50%Imax) 12.0734	
(60%Imax) 14.4881	
(70%Imax) 16.9027	
(80%Imax) 19.3174	
(90%Imax) 21.7321	



(10%Emax)	0.1496381	—
(20%Emax)	0.2992763	—
(30%Emax)	0.448915	—
(40%Emax)	0.5985531	—
(50%Emax)	0.7481937	—
(60%Emax)	0.8978313	—
(70%Emax)	1.047469	—
(80%Emax)	1.197106	—
(90%Emax)	1.346744	—



Luminance Table

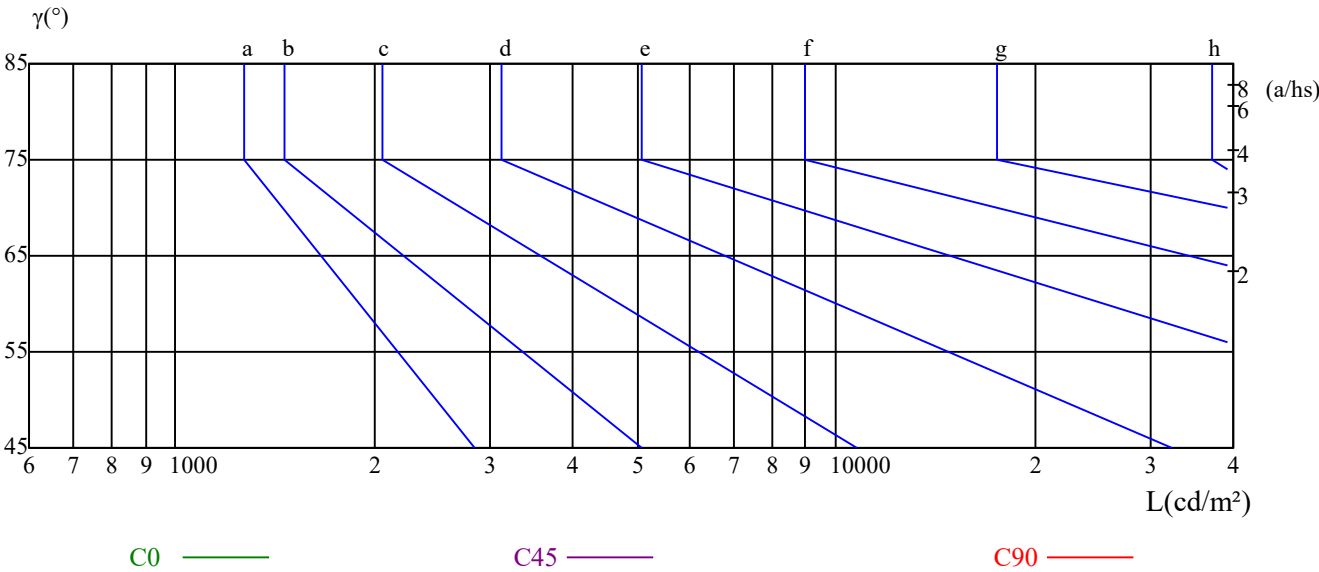
$\gamma$	45	50	55	60	65	70	75	80	85
C0	167	131	117	101	80	98	65	0	0
C45	167	105	88	101	80	98	65	97	0
C90	167	105	117	67	120	98	65	97	0

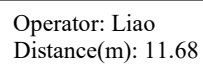
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
100	120	100	98	98	81	97	0	0

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		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	0.96	0.95	0.93
2	1.02	0.98	0.94	1.00	0.96	0.93	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.86
3	0.95	0.90	0.86	0.93	0.89	0.85	0.91	0.87	0.83	0.88	0.85	0.82	0.86	0.83	0.81	0.79
4	0.88	0.83	0.78	0.87	0.82	0.78	0.85	0.81	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.74
5	0.83	0.77	0.72	0.82	0.76	0.72	0.80	0.75	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.69
6	0.78	0.72	0.67	0.77	0.71	0.67	0.75	0.70	0.66	0.74	0.69	0.66	0.73	0.69	0.66	0.64
7	0.73	0.67	0.63	0.72	0.67	0.62	0.71	0.66	0.62	0.70	0.65	0.62	0.69	0.65	0.61	0.60
8	0.69	0.63	0.59	0.68	0.63	0.59	0.67	0.62	0.58	0.66	0.62	0.58	0.65	0.61	0.58	0.56
9	0.65	0.59	0.55	0.65	0.59	0.55	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.53
10	0.62	0.56	0.52	0.61	0.56	0.52	0.61	0.55	0.52	0.60	0.55	0.52	0.59	0.55	0.52	0.50



## SPKPL-RDLRE2Q-RGBTW-WH

Appendix Page: 17 Total:23

## Intensity data(cd)

C/ $\gamma$ (°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	23.94	23.87	23.60	23.33	23.19	22.92	22.51	22.10	21.55
22.5	23.94	24.01	23.87	23.74	23.60	23.33	23.06	22.78	22.24
45.0	23.94	23.87	23.74	23.33	23.19	22.78	22.51	21.96	21.28
67.5	23.94	24.01	23.87	23.87	23.60	23.46	23.06	22.78	22.24
90.0	23.94	23.87	23.74	23.46	23.19	22.78	22.65	22.10	21.42
112.5	23.94	24.01	23.87	23.87	23.74	23.60	23.19	22.78	22.51
135.0	23.94	24.01	23.87	23.74	23.46	23.06	22.78	22.51	21.96
157.5	23.94	24.01	24.01	24.01	23.87	23.60	23.33	22.92	22.78
180.0	23.94	24.01	24.01	23.87	23.74	23.60	23.33	23.06	22.78
202.5	23.94	24.01	23.74	23.60	23.46	23.06	22.65	22.37	21.83
225.0	23.94	24.01	24.01	23.87	23.74	23.46	23.19	22.78	22.51
247.5	23.94	23.87	23.87	23.60	23.33	22.92	22.78	22.24	21.55
270.0	23.94	23.87	24.01	24.01	23.74	23.60	23.19	22.92	22.51
292.5	23.94	24.01	23.74	23.60	23.33	23.06	22.78	22.24	21.69
315.0	23.94	24.15	24.01	23.87	23.74	23.60	23.33	23.06	22.65
337.5	23.94	24.01	23.87	23.74	23.46	23.06	22.78	22.37	21.83
360.0	23.94	23.87	23.60	23.33	23.19	22.92	22.51	22.10	21.55
C/ $\gamma$ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	21.15	20.19	19.78	19.10	18.01	17.19	16.37	15.42	14.87
22.5	21.83	21.42	20.74	19.78	19.37	18.42	17.60	16.78	15.82
45.0	21.01	20.33	19.51	18.83	17.73	17.33	16.51	15.55	14.60
67.5	21.69	21.15	20.46	19.64	19.37	18.28	17.46	16.64	15.69
90.0	21.01	20.33	19.64	18.96	17.87	17.46	16.64	15.69	14.87
112.5	22.10	21.83	20.87	20.19	19.92	18.83	18.14	17.33	16.37
135.0	21.55	21.15	20.46	19.78	18.83	18.28	17.19	15.96	15.55
157.5	22.37	21.96	21.42	20.87	20.46	19.64	18.83	18.01	17.19
180.0	22.37	22.10	21.55	20.87	20.46	19.92	19.51	18.42	17.46
202.5	21.55	21.01	20.46	19.78	19.10	18.55	17.46	16.92	15.82
225.0	22.10	21.55	21.28	20.46	19.92	19.10	18.28	17.60	16.78
247.5	21.28	20.74	20.05	19.37	18.42	17.87	17.19	16.37	15.55
270.0	21.96	21.42	21.15	20.19	19.92	18.96	18.28	17.33	16.51
292.5	21.55	20.87	20.19	19.37	18.55	17.87	17.05	16.23	15.28
315.0	22.24	21.96	21.01	20.46	20.05	19.10	18.28	17.46	16.64
337.5	21.55	21.01	20.33	19.51	18.69	18.14	17.33	16.51	15.42
360.0	21.15	20.19	19.78	19.10	18.01	17.19	16.37	15.42	14.87
C/ $\gamma$ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	13.92	13.23	12.41	11.46	11.19	10.50	9.55	9.28	8.73
22.5	15.42	14.32	13.51	12.69	12.01	11.60	10.64	10.10	9.69
45.0	13.78	12.96	12.28	11.46	11.05	10.64	9.96	9.55	8.87
67.5	15.42	14.46	13.37	12.82	12.14	11.73	10.64	10.23	9.82
90.0	14.05	13.23	12.55	11.60	11.32	10.64	10.10	9.55	9.00
112.5	15.96	14.87	14.05	13.37	12.55	11.87	11.19	10.50	10.23
135.0	14.73	13.78	13.10	12.28	11.87	11.05	10.50	9.96	9.28
157.5	16.64	15.55	14.73	13.92	12.96	12.14	11.46	10.78	10.50
180.0	17.05	15.96	15.01	14.19	13.37	12.96	12.01	11.32	10.64
202.5	15.14	14.19	13.51	12.55	12.14	11.32	10.78	10.10	9.28
225.0	16.23	15.14	14.32	13.51	12.55	12.28	11.46	10.50	10.10
247.5	14.32	13.64	12.96	11.87	11.46	10.91	10.23	9.55	9.00
270.0	16.10	14.87	14.05	13.23	12.28	11.46	10.91	10.23	9.82
292.5	14.32	13.78	12.69	11.73	11.32	10.64	9.96	9.41	8.87
315.0	16.10	15.01	14.19	13.37	12.41	12.14	10.91	10.37	9.96
337.5	14.46	13.92	12.82	11.87	11.46	10.78	10.10	9.55	8.87
360.0	13.92	13.23	12.41	11.46	11.19	10.50	9.55	9.28	8.73

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)										Appendix Page: 18 Total:23	
C/ $\gamma(^{\circ})$	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	8.32	7.78	7.37	7.09	6.68	6.28	6.00	5.46	5.32		
22.5	9.14	8.73	8.19	7.78	7.64	7.09	6.68	6.28	5.87		
45.0	8.59	8.05	7.50	7.23	6.82	6.55	6.14	5.73	5.46		
67.5	9.28	8.73	8.32	7.91	7.64	7.23	6.68	6.41	6.00		
90.0	8.73	8.32	7.64	7.37	6.96	6.82	6.28	5.73	5.46		
112.5	9.55	9.14	8.59	8.19	7.78	7.50	6.82	6.68	6.41		
135.0	9.00	8.59	8.05	7.64	7.23	6.82	6.41	6.00	5.73		
157.5	9.69	9.14	8.59	8.19	8.05	7.50	6.96	6.68	6.14		
180.0	9.96	9.41	9.00	8.32	8.05	7.50	7.09	6.68	6.41		
202.5	9.14	8.46	7.78	7.64	7.23	6.82	6.41	6.00	5.73		
225.0	9.41	9.00	8.46	8.05	7.78	7.23	6.82	6.41	6.14		
247.5	8.73	8.19	7.37	7.23	6.82	6.55	6.14	5.59	5.32		
270.0	9.14	8.73	8.19	7.78	7.50	6.96	6.41	6.28	5.87		
292.5	8.46	8.05	7.50	7.23	6.68	6.28	5.87	5.59	5.32		
315.0	9.28	8.73	8.32	7.78	7.64	7.09	6.68	6.28	5.73		
337.5	8.59	8.19	7.78	7.37	6.82	6.41	6.14	5.59	5.32		
360.0	8.32	7.78	7.37	7.09	6.68	6.28	6.00	5.46	5.32		
C/ $\gamma(^{\circ})$	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	4.50	4.09	3.55	2.86	2.32	1.91	1.36	1.23	0.95		
22.5	5.73	5.18	4.37	3.96	3.27	2.73	2.32	1.77	1.50		
45.0	4.91	4.37	3.68	3.14	2.86	2.32	1.50	1.23	1.09		
67.5	5.59	5.18	4.50	4.23	3.55	3.00	2.59	2.05	1.77		
90.0	5.05	4.37	3.96	3.27	2.86	2.46	1.91	1.50	1.09		
112.5	5.73	5.32	4.77	4.37	3.55	3.14	2.73	2.18	1.91		
135.0	5.18	4.64	3.96	3.41	3.00	2.18	1.77	1.50	1.09		
157.5	5.73	5.32	4.77	4.37	3.68	3.14	2.59	2.05	1.77		
180.0	6.14	5.59	4.91	4.50	3.96	3.68	2.73	2.32	2.05		
202.5	5.18	4.64	4.23	3.41	3.27	2.73	2.18	1.64	1.23		
225.0	6.00	5.18	4.77	4.37	3.82	3.14	2.73	2.32	1.91		
247.5	5.05	4.64	3.96	3.41	3.00	2.46	2.05	1.64	1.23		
270.0	5.46	5.05	4.50	4.23	3.68	3.00	2.59	2.05	1.91		
292.5	4.77	4.23	3.68	3.00	2.86	2.32	1.91	1.50	1.09		
315.0	5.46	5.18	4.37	4.09	3.41	3.00	2.46	2.05	1.77		
337.5	4.91	4.23	3.68	3.00	2.73	2.18	1.77	1.36	1.09		
360.0	4.50	4.09	3.55	2.86	2.32	1.91	1.36	1.23	0.95		
C/ $\gamma(^{\circ})$	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55		
22.5	1.09	0.95	0.82	0.82	0.82	0.82	0.68	0.68	0.55		
45.0	0.95	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.55		
67.5	1.23	0.95	0.82	0.82	0.82	0.82	0.68	0.68	0.55		
90.0	0.95	0.82	0.82	0.68	0.68	0.55	0.68	0.55	0.55		
112.5	1.36	0.95	0.82	0.82	0.82	0.82	0.68	0.55	0.55		
135.0	0.95	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.55		
157.5	1.23	1.09	0.95	0.82	0.82	0.68	0.68	0.68	0.55		
180.0	1.50	1.23	0.95	0.95	0.82	0.82	0.82	0.68	0.55		
202.5	0.95	0.82	0.82	0.82	0.68	0.68	0.68	0.55	0.55		
225.0	1.50	1.09	0.95	0.95	0.82	0.82	0.82	0.68	0.55		
247.5	1.09	0.82	0.82	0.82	0.82	0.82	0.68	0.55	0.55		
270.0	1.36	1.09	0.95	0.95	0.82	0.82	0.68	0.68	0.68		
292.5	0.95	0.82	0.82	0.95	0.68	0.68	0.55	0.55	0.55		
315.0	1.23	1.09	0.95	0.95	0.82	0.82	0.68	0.68	0.68		
337.5	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55		
360.0	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55		

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)										Appendix Page: 19 Total:23	
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0		
0.0	0.55	0.55	0.41	0.41	0.27	0.41	0.41	0.27	0.27		
22.5	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.41	0.27		
45.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.27		
67.5	0.55	0.55	0.41	0.55	0.41	0.41	0.41	0.27	0.27		
90.0	0.41	0.55	0.41	0.41	0.27	0.41	0.27	0.41	0.27		
112.5	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.27	0.27		
135.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.27		
157.5	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41		
180.0	0.55	0.55	0.41	0.41	0.55	0.41	0.41	0.41	0.41		
202.5	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41		
225.0	0.68	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41		
247.5	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.27	0.41		
270.0	0.55	0.55	0.55	0.55	0.55	0.41	0.41	0.41	0.27		
292.5	0.55	0.41	0.41	0.41	0.41	0.41	0.41	0.27	0.41		
315.0	0.55	0.55	0.55	0.41	0.41	0.41	0.41	0.41	0.41		
337.5	0.55	0.41	0.55	0.41	0.41	0.41	0.41	0.41	0.41		
360.0	0.55	0.55	0.41	0.41	0.27	0.41	0.41	0.27	0.27		
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0		
0.0	0.41	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
22.5	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
45.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
67.5	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.27		
90.0	0.27	0.41	0.41	0.27	0.27	0.14	0.27	0.27	0.14		
112.5	0.41	0.27	0.27	0.41	0.27	0.27	0.27	0.27	0.27		
135.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.14		
157.5	0.27	0.41	0.41	0.27	0.27	0.27	0.27	0.14	0.27		
180.0	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.27		
202.5	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.27	0.27		
225.0	0.41	0.41	0.41	0.41	0.27	0.27	0.27	0.27	0.14		
247.5	0.27	0.27	0.27	0.41	0.27	0.27	0.14	0.27	0.27		
270.0	0.41	0.41	0.41	0.27	0.41	0.27	0.27	0.27	0.27		
292.5	0.27	0.27	0.41	0.27	0.27	0.27	0.27	0.14	0.14		
315.0	0.41	0.27	0.41	0.41	0.27	0.27	0.27	0.27	0.27		
337.5	0.41	0.27	0.41	0.27	0.27	0.27	0.27	0.27	0.14		
360.0	0.41	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0		
0.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.00		
22.5	0.27	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
45.0	0.14	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
67.5	0.27	0.14	0.14	0.27	0.14	0.00	0.14	0.14	0.00		
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14		
112.5	0.27	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	0.00		
157.5	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
180.0	0.27	0.27	0.27	0.27	0.14	0.14	0.14	0.00	0.14		
202.5	0.14	0.14	0.27	0.27	0.14	0.14	0.14	0.14	0.14		
225.0	0.27	0.14	0.14	0.27	0.27	0.14	0.14	0.14	0.00		
247.5	0.27	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
270.0	0.27	0.27	0.27	0.27	0.14	0.14	0.14	0.14	0.14		
292.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
315.0	0.27	0.27	0.27	0.14	0.14	0.14	0.14	0.14	0.14		
337.5	0.27	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14		
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.00		

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 20 Total:23

C/ $\gamma$ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.14	0.14	0.14	0.00	0.00	0.00	0.00	0.00
112.5	0.14	0.14	0.00	0.14	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	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.14	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
202.5	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.14	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00
247.5	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.14	0.00	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	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.14	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/ $\gamma$ (°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/ $\gamma$ (°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

Operator: Liao  
Distance(m): 11.68

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 21 Total:23

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 22 Total:23

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

Operator: Liao  
Distance(m): 11.68

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 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	0.00	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	0.14	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(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.00	0.00	0.00	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(°)	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								