



Bell-Southcn Testing Laboratory(Shenzhen)

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

Client:

LumCAT: SPKPL-RDLRE2Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111305-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.031

Lamp flux(lm)

Power (W): 3.645

Number of Lamps: 1

PF: 0.956

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

#### Photometric Results

Lumens(lm): 247.16, Luminous Efficacy(lm/W): 67.81

Central intensity(cd): 279.90, Maximum intensity(cd): 281.00

Angle of maximum intensity: C=45.0  $\gamma$ =4.0

Beam Angle(50%Imax): [C0/180]Total=53.4

[C90/270]Total=52.8

Field angle(10%Imax): [C0/180]Total=83.2

[C90/270]Total=82.2

Maximum s/h(1/2): C0\_180=0.82 C90\_270=0.82

Maximum s/h(1/4): C0\_180=0.84 C90\_270=0.83

Up flux rate of LUM(%): 0.40%

Down flux rate of LUM(%): 99.60%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 95.256%

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	279.905	0.000	0.000	0.000%	0.000%
1.0	280.126	0.268	0.268	0.108%	0.108%
2.0	280.476	0.805	1.073	0.326%	0.434%
3.0	280.723	1.342	2.415	0.543%	0.977%
4.0	280.851	1.880	4.295	0.761%	1.738%
5.0	280.502	2.415	6.709	0.977%	2.715%
6.0	279.743	2.944	9.654	1.191%	3.906%
7.0	277.961	3.462	13.115	1.401%	5.306%
8.0	276.221	3.966	17.082	1.605%	6.911%
9.0	273.246	4.453	21.535	1.802%	8.713%
10.0	269.392	4.911	26.445	1.987%	10.700%
11.0	265.819	5.348	31.793	2.164%	12.863%
12.0	260.030	5.748	37.541	2.326%	15.189%
13.0	254.760	6.109	43.651	2.472%	17.661%
14.0	248.681	6.444	50.095	2.607%	20.268%
15.0	239.993	6.709	56.803	2.714%	22.983%
16.0	234.195	6.948	63.752	2.811%	25.794%
17.0	224.978	7.151	70.902	2.893%	28.687%
18.0	215.931	7.270	78.172	2.941%	31.628%
19.0	208.198	7.379	85.551	2.986%	34.614%
20.0	196.951	7.415	92.966	3.000%	37.614%
21.0	189.380	7.418	100.384	3.001%	40.615%
22.0	179.941	7.422	107.806	3.003%	43.618%
23.0	169.982	7.342	115.148	2.971%	46.589%
24.0	162.803	7.276	122.424	2.944%	49.533%
25.0	153.023	7.181	129.606	2.906%	52.438%
26.0	144.966	7.034	136.640	2.846%	55.284%
27.0	136.525	6.887	143.526	2.786%	58.071%
28.0	127.538	6.686	150.212	2.705%	60.776%
29.0	121.586	6.518	156.730	2.637%	63.413%
30.0	114.339	6.370	163.100	2.577%	65.990%
31.0	107.688	6.179	169.278	2.500%	68.490%
32.0	102.436	6.020	175.298	2.436%	70.925%
33.0	95.248	5.824	181.122	2.356%	73.282%
34.0	90.388	5.618	186.740	2.273%	75.555%
35.0	84.590	5.434	192.174	2.199%	77.753%
36.0	78.306	5.187	197.361	2.099%	79.852%
37.0	73.003	4.935	202.296	1.997%	81.849%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	63.419	4.554	206.849	1.842%	83.691%
39.0	53.691	3.997	210.847	1.617%	85.308%
40.0	42.470	3.354	214.200	1.357%	86.665%
41.0	29.382	2.559	216.759	1.035%	87.700%
42.0	23.431	1.919	218.678	0.776%	88.477%
43.0	19.074	1.574	220.252	0.637%	89.114%
44.0	16.004	1.324	221.576	0.536%	89.649%
45.0	14.802	1.184	222.760	0.479%	90.128%
46.0	13.574	1.110	223.870	0.449%	90.577%
47.0	12.952	1.055	224.925	0.427%	91.004%
48.0	12.150	1.015	225.939	0.411%	91.415%
49.0	11.425	0.968	226.908	0.392%	91.807%
50.0	10.973	0.934	227.841	0.378%	92.184%
51.0	10.266	0.899	228.740	0.364%	92.548%
52.0	9.720	0.858	229.598	0.347%	92.895%
53.0	9.243	0.825	230.423	0.334%	93.229%
54.0	8.680	0.790	231.212	0.320%	93.548%
55.0	8.296	0.758	231.970	0.307%	93.855%
56.0	7.895	0.732	232.702	0.296%	94.151%
57.0	7.563	0.707	233.409	0.286%	94.437%
58.0	7.350	0.690	234.098	0.279%	94.716%
59.0	7.060	0.674	234.772	0.273%	94.989%
60.0	6.923	0.661	235.433	0.267%	95.256%
61.0	6.676	0.649	236.082	0.263%	95.518%
62.0	6.523	0.636	236.718	0.257%	95.776%
63.0	6.318	0.625	237.342	0.253%	96.028%
64.0	6.079	0.608	237.950	0.246%	96.275%
65.0	5.875	0.592	238.542	0.239%	96.514%
66.0	5.679	0.576	239.118	0.233%	96.747%
67.0	5.389	0.556	239.675	0.225%	96.972%
68.0	5.201	0.536	240.211	0.217%	97.189%
69.0	4.962	0.518	240.730	0.210%	97.399%
70.0	4.766	0.500	241.230	0.202%	97.601%
71.0	4.579	0.483	241.713	0.195%	97.797%
72.0	4.297	0.462	242.174	0.187%	97.983%
73.0	4.084	0.438	242.612	0.177%	98.161%
74.0	3.828	0.416	243.028	0.168%	98.329%
75.0	3.581	0.391	243.420	0.158%	98.487%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.376	0.369	243.789	0.149%	98.637%
77.0	3.070	0.344	244.133	0.139%	98.776%
78.0	2.839	0.316	244.449	0.128%	98.904%
79.0	2.601	0.292	244.741	0.118%	99.022%
80.0	2.311	0.265	245.006	0.107%	99.129%
81.0	2.080	0.237	245.244	0.096%	99.225%
82.0	1.833	0.212	245.456	0.086%	99.311%
83.0	1.569	0.185	245.641	0.075%	99.386%
84.0	1.313	0.157	245.798	0.064%	99.450%
85.0	1.006	0.127	245.924	0.051%	99.501%
86.0	0.793	0.098	246.023	0.040%	99.541%
87.0	0.512	0.071	246.094	0.029%	99.569%
88.0	0.307	0.045	246.139	0.018%	99.588%
89.0	0.188	0.027	246.166	0.011%	99.599%
90.0	0.034	0.012	246.178	0.005%	99.603%
91.0	0.000	0.002	246.180	0.001%	99.604%
92.0	0.000	0.000	246.180	0.000%	99.604%
93.0	0.000	0.000	246.180	0.000%	99.604%
94.0	0.000	0.000	246.180	0.000%	99.604%
95.0	0.000	0.000	246.180	0.000%	99.604%
96.0	0.000	0.000	246.180	0.000%	99.604%
97.0	0.000	0.000	246.180	0.000%	99.604%
98.0	0.000	0.000	246.180	0.000%	99.604%
99.0	0.000	0.000	246.180	0.000%	99.604%
100.0	0.000	0.000	246.180	0.000%	99.604%
101.0	0.000	0.000	246.180	0.000%	99.604%
102.0	0.000	0.000	246.180	0.000%	99.604%
103.0	0.000	0.000	246.180	0.000%	99.604%
104.0	0.000	0.000	246.180	0.000%	99.604%
105.0	0.000	0.000	246.180	0.000%	99.604%
106.0	0.000	0.000	246.180	0.000%	99.604%
107.0	0.000	0.000	246.180	0.000%	99.604%
108.0	0.000	0.000	246.180	0.000%	99.604%
109.0	0.000	0.000	246.180	0.000%	99.604%
110.0	0.000	0.000	246.180	0.000%	99.604%
111.0	0.000	0.000	246.180	0.000%	99.604%
112.0	0.000	0.000	246.180	0.000%	99.604%
113.0	0.000	0.000	246.180	0.000%	99.604%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	246.180	0.000%	99.604%
115.0	0.000	0.000	246.180	0.000%	99.604%
116.0	0.000	0.000	246.180	0.000%	99.604%
117.0	0.000	0.000	246.180	0.000%	99.604%
118.0	0.000	0.000	246.180	0.000%	99.604%
119.0	0.009	0.000	246.181	0.000%	99.604%
120.0	0.009	0.001	246.181	0.000%	99.605%
121.0	0.017	0.001	246.183	0.000%	99.605%
122.0	0.026	0.002	246.185	0.001%	99.606%
123.0	0.043	0.003	246.188	0.001%	99.607%
124.0	0.034	0.004	246.191	0.001%	99.609%
125.0	0.077	0.005	246.196	0.002%	99.611%
126.0	0.111	0.008	246.205	0.003%	99.614%
127.0	0.077	0.008	246.213	0.003%	99.617%
128.0	0.119	0.009	246.221	0.003%	99.621%
129.0	0.128	0.011	246.232	0.004%	99.625%
130.0	0.136	0.011	246.243	0.005%	99.630%
131.0	0.136	0.011	246.255	0.005%	99.634%
132.0	0.145	0.012	246.266	0.005%	99.639%
133.0	0.145	0.012	246.278	0.005%	99.644%
134.0	0.179	0.013	246.291	0.005%	99.649%
135.0	0.205	0.015	246.306	0.006%	99.655%
136.0	0.239	0.017	246.323	0.007%	99.662%
137.0	0.247	0.018	246.341	0.007%	99.669%
138.0	0.264	0.019	246.360	0.008%	99.677%
139.0	0.281	0.020	246.380	0.008%	99.685%
140.0	0.273	0.020	246.400	0.008%	99.693%
141.0	0.281	0.019	246.419	0.008%	99.701%
142.0	0.333	0.021	246.440	0.008%	99.709%
143.0	0.341	0.022	246.462	0.009%	99.718%
144.0	0.367	0.023	246.485	0.009%	99.728%
145.0	0.384	0.024	246.509	0.010%	99.737%
146.0	0.392	0.024	246.533	0.010%	99.747%
147.0	0.426	0.025	246.558	0.010%	99.757%
148.0	0.409	0.025	246.583	0.010%	99.767%
149.0	0.443	0.024	246.607	0.010%	99.777%
150.0	0.477	0.026	246.633	0.010%	99.787%
151.0	0.469	0.026	246.658	0.010%	99.798%

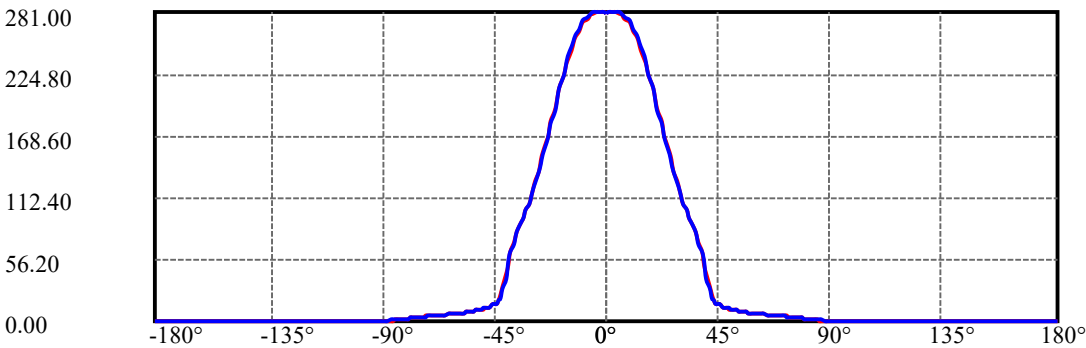
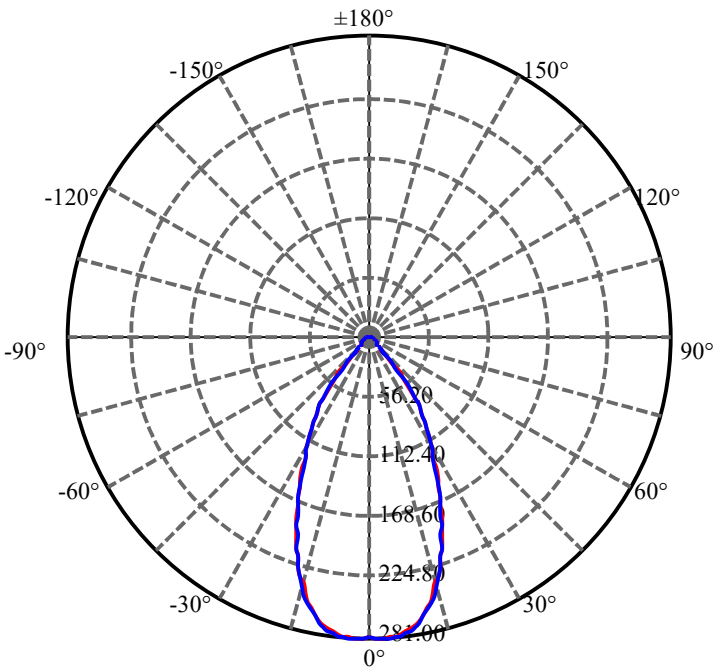
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.529	0.026	246.685	0.011%	99.808%
153.0	0.520	0.027	246.711	0.011%	99.819%
154.0	0.546	0.026	246.737	0.011%	99.830%
155.0	0.546	0.026	246.763	0.010%	99.840%
156.0	0.554	0.025	246.788	0.010%	99.850%
157.0	0.580	0.025	246.813	0.010%	99.860%
158.0	0.597	0.025	246.837	0.010%	99.870%
159.0	0.614	0.024	246.862	0.010%	99.880%
160.0	0.639	0.024	246.886	0.010%	99.890%
161.0	0.657	0.024	246.910	0.010%	99.899%
162.0	0.665	0.023	246.933	0.009%	99.909%
163.0	0.665	0.022	246.954	0.009%	99.918%
164.0	0.674	0.021	246.975	0.008%	99.926%
165.0	0.708	0.020	246.996	0.008%	99.934%
166.0	0.725	0.020	247.015	0.008%	99.942%
167.0	0.699	0.018	247.033	0.007%	99.950%
168.0	0.759	0.017	247.051	0.007%	99.957%
169.0	0.725	0.016	247.067	0.007%	99.963%
170.0	0.801	0.015	247.082	0.006%	99.969%
171.0	0.784	0.014	247.097	0.006%	99.975%
172.0	0.784	0.013	247.109	0.005%	99.980%
173.0	0.801	0.011	247.121	0.005%	99.985%
174.0	0.801	0.010	247.131	0.004%	99.989%
175.0	0.819	0.009	247.139	0.003%	99.992%
176.0	0.819	0.007	247.146	0.003%	99.995%
177.0	0.810	0.005	247.152	0.002%	99.997%
178.0	0.819	0.004	247.155	0.002%	99.999%
179.0	0.836	0.002	247.158	0.001%	100.000%
180.0	0.000	0.000	247.158	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	163.10	65.99%
0-40	214.20	86.67%
0-60	235.43	95.26%
0-90	246.18	99.60%
0-120	246.18	99.60%
0-180	247.16	100.00%
60-90	10.75	4.35%
90-120	0.00	0.00%
90-130	0.06	0.03%
90-150	0.45	0.18%
90-180	0.98	0.40%
0-36.07	197.73	80.00%

ZONAL LUMEN SUMMARY

0-10	26.45
10-20	66.52
20-30	70.13
30-40	51.10
40-50	13.64
50-60	7.59
60-70	5.80
70-80	3.78
80-90	1.17
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.06
130-140	0.16
140-150	0.23
150-160	0.25
160-170	0.20
170-180	0.08



C0/C180: —

C90/C270: —

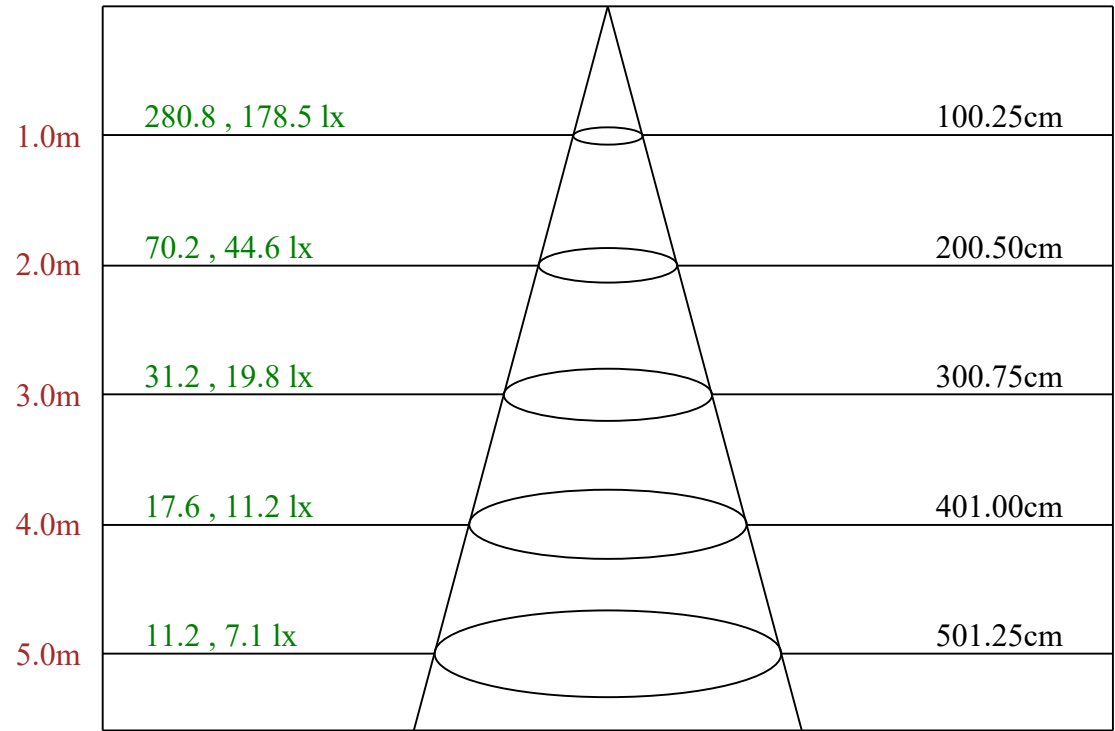
Field angle(10%Imax):C0/180Left:41.6 Right:41.6

:C90/270Left:41.1 Right:41.1

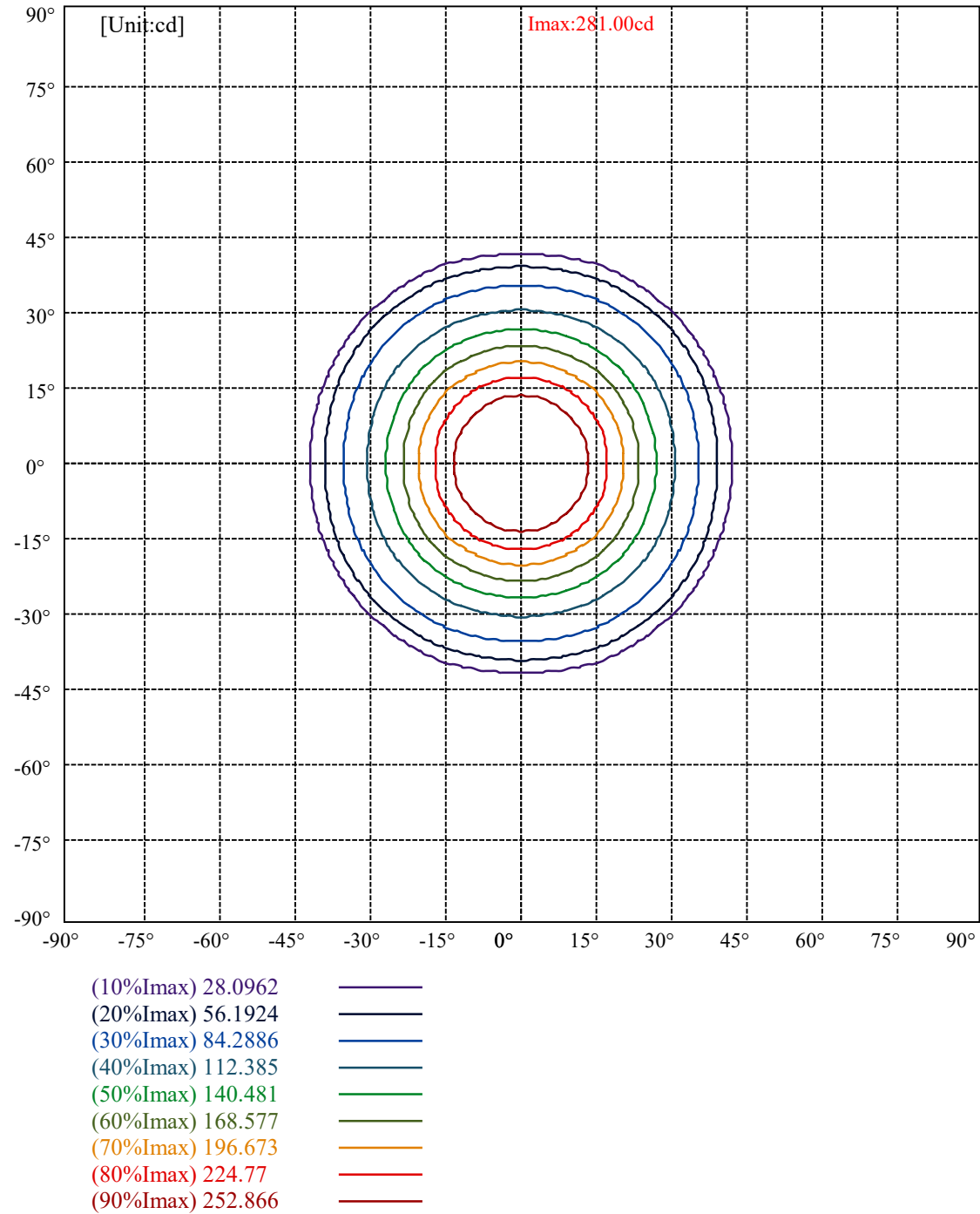
Beam Angle(50%Imax):C0/180Left:26.7 Right:26.7

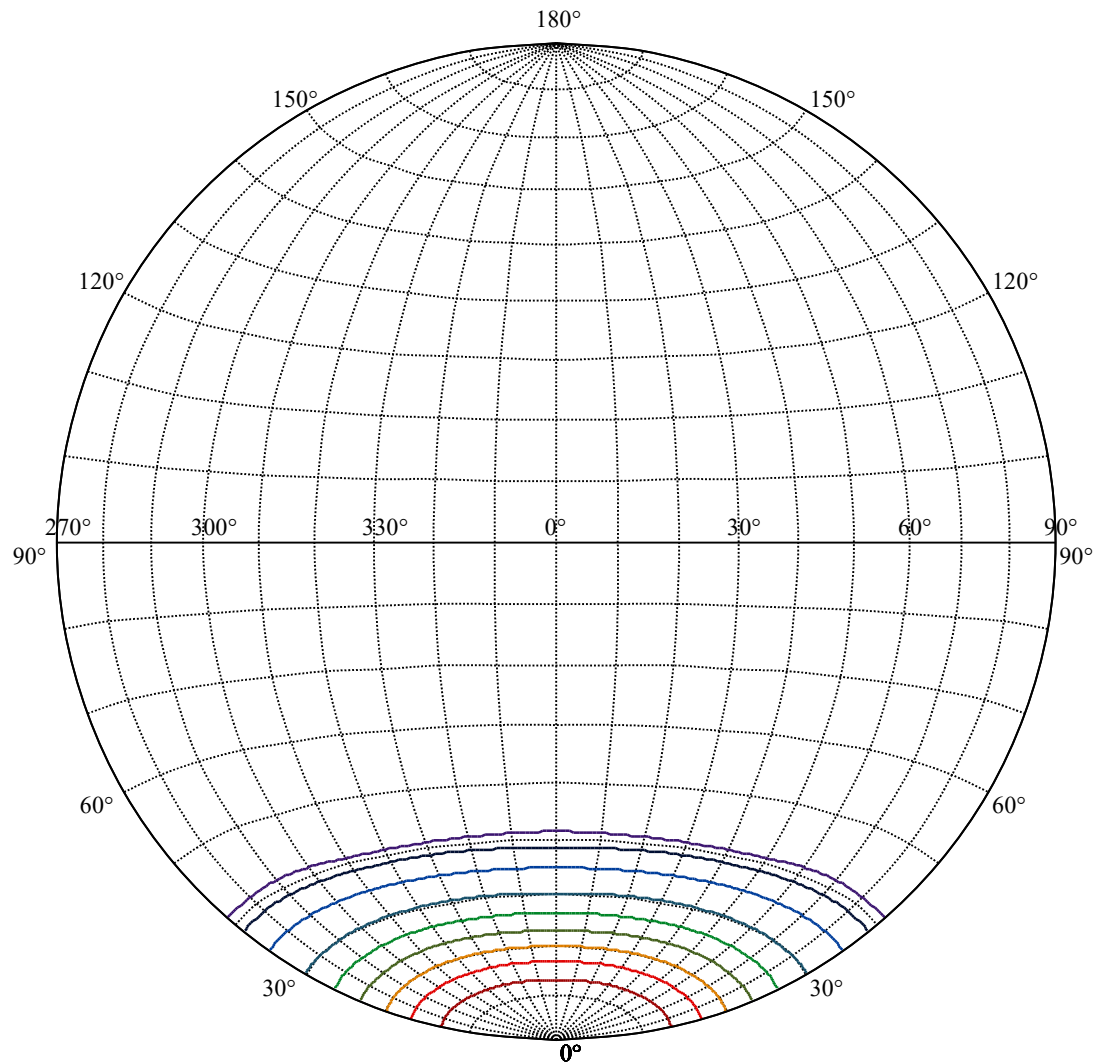
:C90/270Left:26.4 Right:26.4





Max , Ave      Beam angle of C45 plane 53.24



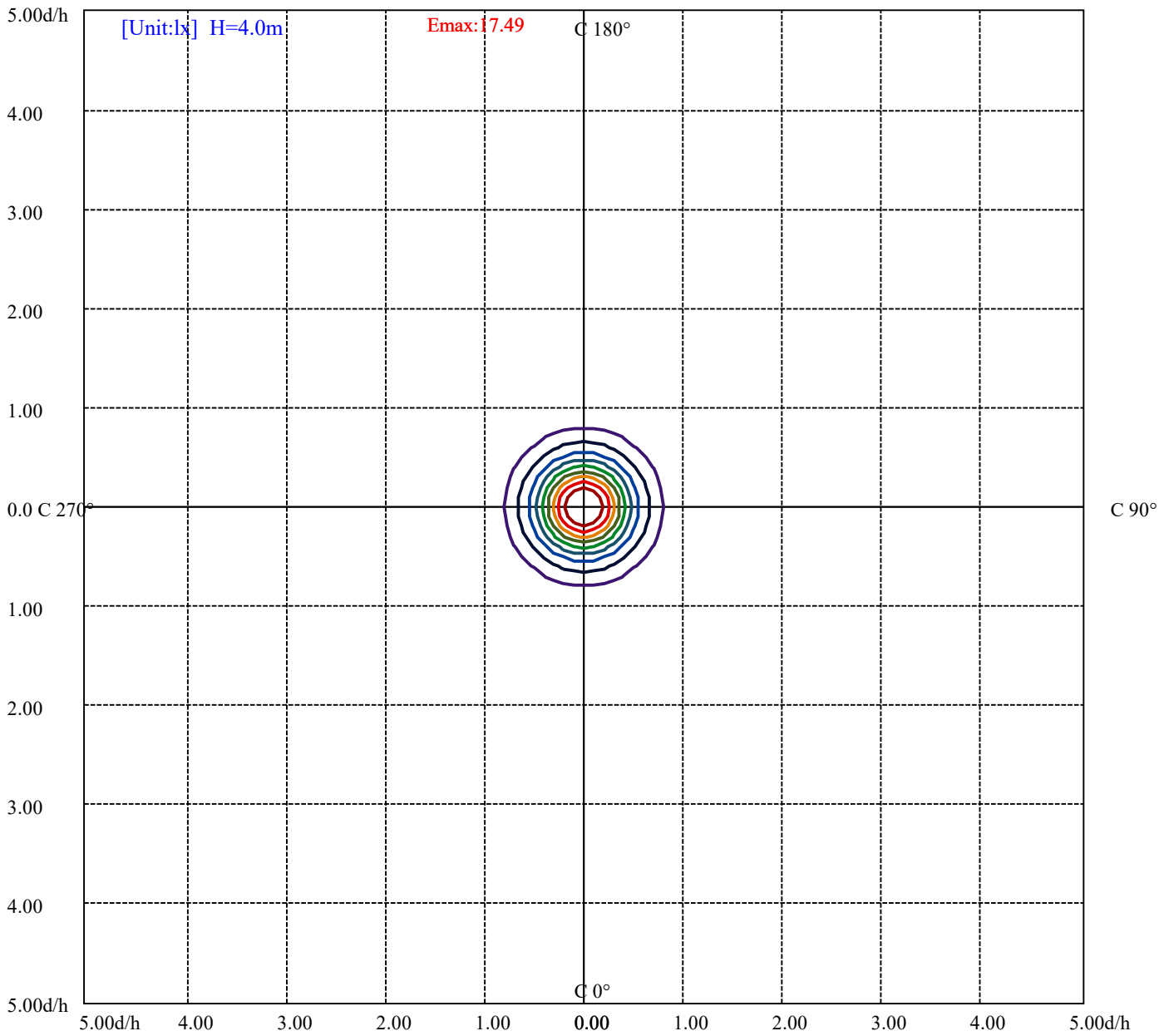











House

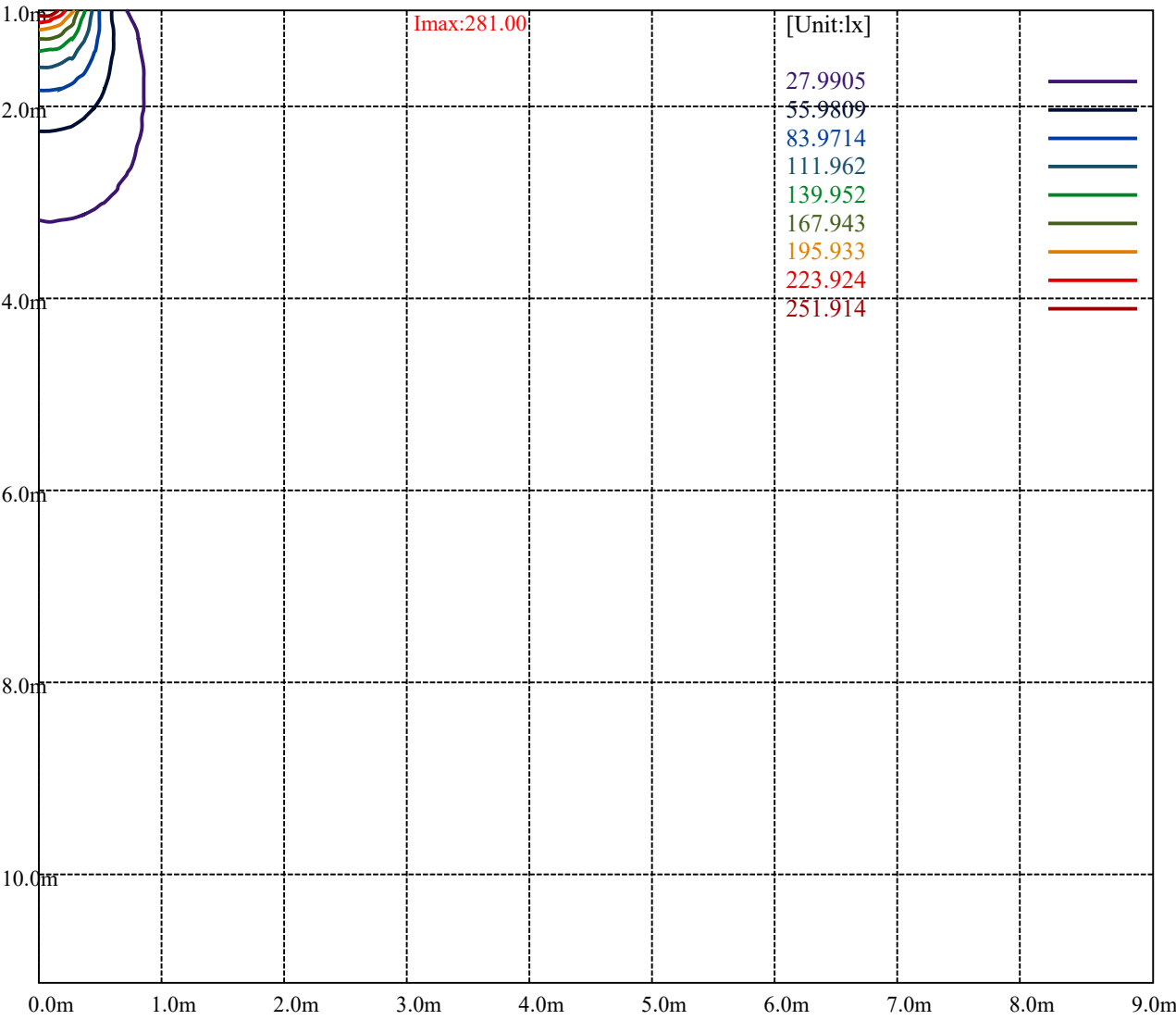
[Unit:cd]

Road

Imax:281.00	
(10%Imax) 28.0996	
(20%Imax) 56.1992	
(30%Imax) 84.2988	
(40%Imax) 112.398	
(50%Imax) 140.498	
(60%Imax) 168.598	
(70%Imax) 196.697	
(80%Imax) 224.797	
(90%Imax) 252.896	



(10%Emax) 1.749406	
(20%Emax) 3.498806	
(30%Emax) 5.248212	
(40%Emax) 6.997625	
(50%Emax) 8.747	
(60%Emax) 10.49644	
(70%Emax) 12.24581	
(80%Emax) 13.99525	
(90%Emax) 15.74463	



Luminance Table

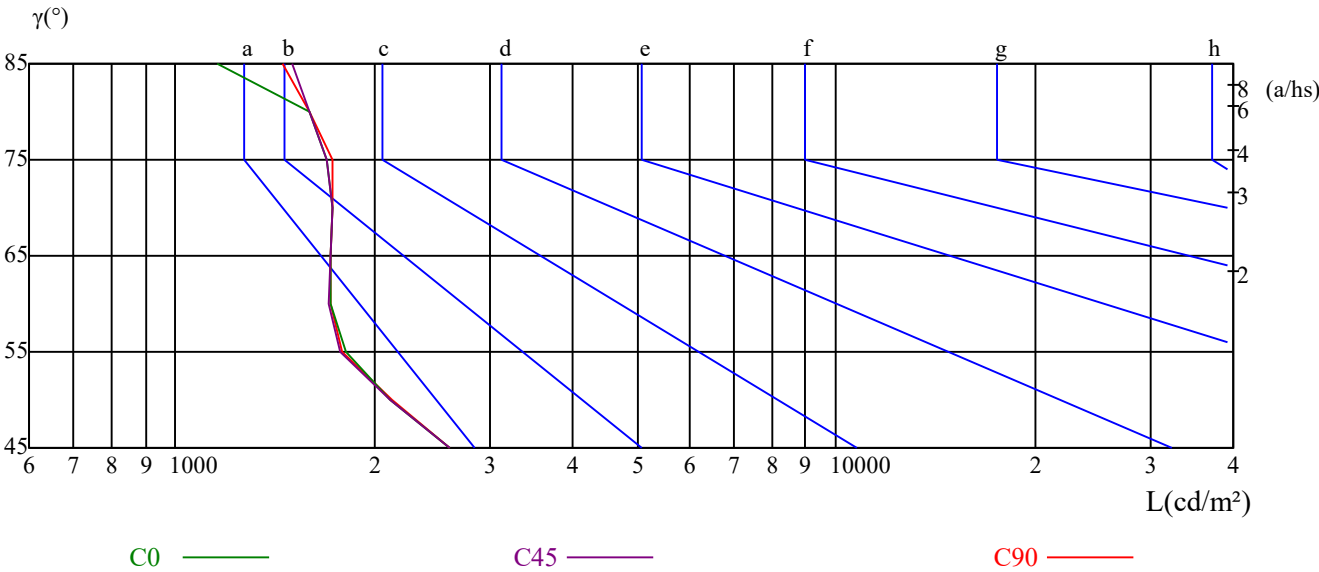
$\gamma$	45	50	55	60	65	70	75	80	85
C0	2608	2109	1806	1718	1714	1724	1692	1600	1159
C45	2602	2109	1776	1709	1714	1724	1692	1600	1498
C90	2596	2122	1791	1718	1714	1724	1724	1600	1449

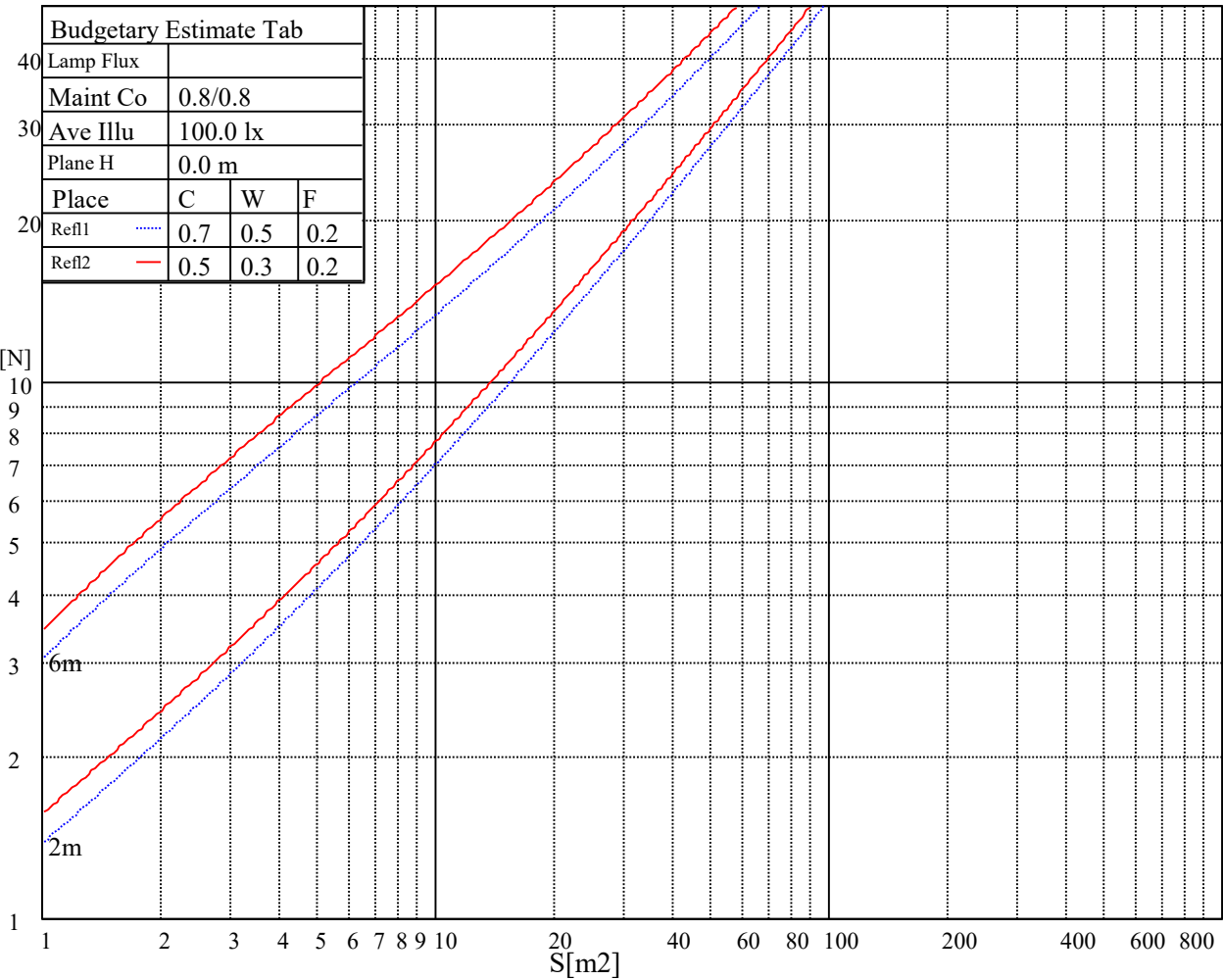
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1714	1714	1714	1692	1724	1692	1159	1449	1498

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	1.07	1.04	1.07	1.05	1.03	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.95	0.93	0.92
2	1.01	0.97	0.93	0.99	0.95	0.92	0.96	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.84
3	0.94	0.88	0.84	0.92	0.87	0.83	0.90	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.79	0.78
4	0.87	0.81	0.77	0.86	0.81	0.76	0.84	0.79	0.75	0.82	0.78	0.74	0.80	0.76	0.73	0.72
5	0.81	0.75	0.71	0.80	0.75	0.70	0.79	0.73	0.70	0.77	0.72	0.69	0.75	0.71	0.68	0.67
6	0.76	0.70	0.65	0.75	0.69	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	0.65	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	0.67	0.61	0.57	0.67	0.61	0.57	0.66	0.60	0.56	0.65	0.60	0.56	0.64	0.59	0.56	0.54
9	0.64	0.57	0.53	0.63	0.57	0.53	0.62	0.57	0.53	0.61	0.56	0.53	0.60	0.56	0.53	0.51
10	0.60	0.54	0.50	0.60	0.54	0.50	0.59	0.54	0.50	0.58	0.53	0.50	0.57	0.53	0.50	0.48



## SPKPL-RDLRE2Q-RGBTW-WH

Appendix Page: 17 Total:23

## Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	279.90	280.83	280.89	280.55	280.28	279.46	278.44	276.39	274.69
22.5	279.90	279.56	280.08	280.62	280.86	280.62	280.01	278.34	276.19
45.0	279.90	280.55	280.76	280.89	281.00	280.52	279.67	277.76	276.22
67.5	279.90	279.50	280.14	280.62	280.93	280.79	280.14	278.47	276.84
90.0	279.90	280.96	280.96	280.96	280.96	280.69	279.87	278.17	276.60
112.5	279.90	279.50	280.14	280.62	280.93	280.79	280.14	278.47	276.84
135.0	279.90	280.55	280.76	280.89	281.00	280.52	279.67	277.76	276.22
157.5	279.90	279.56	280.08	280.62	280.86	280.62	280.01	278.34	276.19
180.0	279.90	280.83	280.89	280.55	280.28	279.46	278.44	276.39	274.69
202.5	279.90	279.56	280.08	280.62	280.86	280.62	280.01	278.34	276.19
225.0	279.90	280.55	280.76	280.89	281.00	280.52	279.67	277.76	276.22
247.5	279.90	279.50	280.14	280.62	280.93	280.79	280.14	278.47	276.84
270.0	279.90	280.96	280.96	280.96	280.96	280.69	279.87	278.17	276.60
292.5	279.90	279.50	280.14	280.62	280.93	280.79	280.14	278.47	276.84
315.0	279.90	280.55	280.76	280.89	281.00	280.52	279.67	277.76	276.22
337.5	279.90	279.56	280.08	280.62	280.86	280.62	280.01	278.34	276.19
360.0	279.90	280.83	280.89	280.55	280.28	279.46	278.44	276.39	274.69

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	271.62	268.07	264.39	258.52	252.79	246.45	237.85	231.99	223.87
22.5	273.12	269.23	266.30	260.74	255.66	248.77	240.58	235.19	226.29
45.0	273.29	269.02	265.34	259.65	254.56	248.70	239.86	234.61	225.06
67.5	273.90	270.25	266.81	260.84	255.08	249.35	239.80	234.54	224.55
90.0	273.73	270.05	265.27	259.27	254.70	249.38	241.60	232.87	224.14
112.5	273.90	270.25	266.81	260.84	255.08	249.35	239.80	234.54	224.55
135.0	273.29	269.02	265.34	259.65	254.56	248.70	239.86	234.61	225.06
157.5	273.12	269.23	266.30	260.74	255.66	248.77	240.58	235.19	226.29
180.0	271.62	268.07	264.39	258.52	252.79	246.45	237.85	231.99	223.87
202.5	273.12	269.23	266.30	260.74	255.66	248.77	240.58	235.19	226.29
225.0	273.29	269.02	265.34	259.65	254.56	248.70	239.86	234.61	225.06
247.5	273.90	270.25	266.81	260.84	255.08	249.35	239.80	234.54	224.55
270.0	273.73	270.05	265.27	259.27	254.70	249.38	241.60	232.87	224.14
292.5	273.90	270.25	266.81	260.84	255.08	249.35	239.80	234.54	224.55
315.0	273.29	269.02	265.34	259.65	254.56	248.70	239.86	234.61	225.06
337.5	273.12	269.23	266.30	260.74	255.66	248.77	240.58	235.19	226.29
360.0	271.62	268.07	264.39	258.52	252.79	246.45	237.85	231.99	223.87

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	215.34	208.25	197.34	189.97	180.69	168.82	163.37	153.61	146.65
22.5	217.29	208.86	197.64	190.21	180.86	170.22	163.84	153.78	145.32
45.0	216.23	208.79	197.64	189.97	180.45	171.18	163.60	153.68	145.22
67.5	215.14	207.36	195.87	188.19	178.65	169.33	160.84	151.80	144.27
90.0	214.80	207.29	195.97	188.33	178.92	169.57	162.48	152.04	143.45
112.5	215.14	207.36	195.87	188.19	178.65	169.33	160.84	151.80	144.27
135.0	216.23	208.79	197.64	189.97	180.45	171.18	163.60	153.68	145.22
157.5	217.29	208.86	197.64	190.21	180.86	170.22	163.84	153.78	145.32
180.0	215.34	208.25	197.34	189.97	180.69	168.82	163.37	153.61	146.65
202.5	217.29	208.86	197.64	190.21	180.86	170.22	163.84	153.78	145.32
225.0	216.23	208.79	197.64	189.97	180.45	171.18	163.60	153.68	145.22
247.5	215.14	207.36	195.87	188.19	178.65	169.33	160.84	151.80	144.27
270.0	214.80	207.29	195.97	188.33	178.92	169.57	162.48	152.04	143.45
292.5	215.14	207.36	195.87	188.19	178.65	169.33	160.84	151.80	144.27
315.0	216.23	208.79	197.64	189.97	180.45	171.18	163.60	153.68	145.22
337.5	217.29	208.86	197.64	190.21	180.86	170.22	163.84	153.78	145.32
360.0	215.34	208.25	197.34	189.97	180.69	168.82	163.37	153.61	146.65

## SPKPL-RDLRE2Q-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	136.90	127.28	121.07	113.91	107.16	101.98	94.75	90.04	84.31
22.5	137.10	128.13	122.95	115.35	108.66	102.79	95.73	90.21	84.58
45.0	137.28	128.95	122.23	114.87	108.18	103.10	95.80	91.06	84.72
67.5	135.47	126.26	120.50	113.57	107.02	102.04	94.81	90.28	84.75
90.0	135.60	126.33	120.26	113.23	106.61	101.63	94.54	89.97	84.31
112.5	135.47	126.26	120.50	113.57	107.02	102.04	94.81	90.28	84.75
135.0	137.28	128.95	122.23	114.87	108.18	103.10	95.80	91.06	84.72
157.5	137.10	128.13	122.95	115.35	108.66	102.79	95.73	90.21	84.58
180.0	136.90	127.28	121.07	113.91	107.16	101.98	94.75	90.04	84.31
202.5	137.10	128.13	122.95	115.35	108.66	102.79	95.73	90.21	84.58
225.0	137.28	128.95	122.23	114.87	108.18	103.10	95.80	91.06	84.72
247.5	135.47	126.26	120.50	113.57	107.02	102.04	94.81	90.28	84.75
270.0	135.60	126.33	120.26	113.23	106.61	101.63	94.54	89.97	84.31
292.5	135.47	126.26	120.50	113.57	107.02	102.04	94.81	90.28	84.75
315.0	137.28	128.95	122.23	114.87	108.18	103.10	95.80	91.06	84.72
337.5	137.10	128.13	122.95	115.35	108.66	102.79	95.73	90.21	84.58
360.0	136.90	127.28	121.07	113.91	107.16	101.98	94.75	90.04	84.31
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	78.03	72.10	62.35	51.43	43.18	32.06	25.24	19.58	16.30
22.5	78.27	73.50	64.49	54.74	43.79	28.96	23.46	18.79	15.86
45.0	78.10	73.46	62.79	53.14	41.37	26.47	24.79	19.30	16.06
67.5	78.99	73.67	63.91	54.40	43.76	31.62	22.44	18.76	15.89
90.0	77.69	70.67	62.62	53.55	38.74	28.92	20.80	19.30	16.10
112.5	78.99	73.67	63.91	54.40	43.76	31.62	22.44	18.76	15.89
135.0	78.10	73.46	62.79	53.14	41.37	26.47	24.79	19.30	16.06
157.5	78.27	73.50	64.49	54.74	43.79	28.96	23.46	18.79	15.86
180.0	78.03	72.10	62.35	51.43	43.18	32.06	25.24	19.58	16.30
202.5	78.27	73.50	64.49	54.74	43.79	28.96	23.46	18.79	15.86
225.0	78.10	73.46	62.79	53.14	41.37	26.47	24.79	19.30	16.06
247.5	78.99	73.67	63.91	54.40	43.76	31.62	22.44	18.76	15.89
270.0	77.69	70.67	62.62	53.55	38.74	28.92	20.80	19.30	16.10
292.5	78.99	73.67	63.91	54.40	43.76	31.62	22.44	18.76	15.89
315.0	78.10	73.46	62.79	53.14	41.37	26.47	24.79	19.30	16.06
337.5	78.27	73.50	64.49	54.74	43.79	28.96	23.46	18.79	15.86
360.0	78.03	72.10	62.35	51.43	43.18	32.06	25.24	19.58	16.30
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	14.94	13.51	12.82	12.01	11.25	10.98	10.30	9.62	9.14
22.5	14.60	13.51	12.96	12.07	11.32	10.91	10.30	9.72	9.21
45.0	14.90	13.57	12.93	12.18	11.46	10.98	10.27	9.75	9.31
67.5	14.80	13.64	12.99	12.24	11.53	10.98	10.23	9.72	9.24
90.0	14.87	13.64	13.03	12.21	11.53	11.05	10.23	9.75	9.28
112.5	14.80	13.64	12.99	12.24	11.53	10.98	10.23	9.72	9.24
135.0	14.90	13.57	12.93	12.18	11.46	10.98	10.27	9.75	9.31
157.5	14.60	13.51	12.96	12.07	11.32	10.91	10.30	9.72	9.21
180.0	14.94	13.51	12.82	12.01	11.25	10.98	10.30	9.62	9.14
202.5	14.60	13.51	12.96	12.07	11.32	10.91	10.30	9.72	9.21
225.0	14.90	13.57	12.93	12.18	11.46	10.98	10.27	9.75	9.31
247.5	14.80	13.64	12.99	12.24	11.53	10.98	10.23	9.72	9.24
270.0	14.87	13.64	13.03	12.21	11.53	11.05	10.23	9.75	9.28
292.5	14.80	13.64	12.99	12.24	11.53	10.98	10.23	9.72	9.24
315.0	14.90	13.57	12.93	12.18	11.46	10.98	10.27	9.75	9.31
337.5	14.60	13.51	12.96	12.07	11.32	10.91	10.30	9.72	9.21
360.0	14.94	13.51	12.82	12.01	11.25	10.98	10.30	9.62	9.14

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

C/ $\gamma$ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	8.66	8.39	7.91	7.64	7.44	7.09	6.96	6.62	6.55
22.5	8.63	8.32	7.91	7.54	7.26	7.03	6.92	6.65	6.51
45.0	8.66	8.25	7.95	7.54	7.37	7.06	6.92	6.68	6.51
67.5	8.73	8.25	7.81	7.50	7.33	7.06	6.89	6.72	6.51
90.0	8.73	8.32	7.91	7.71	7.44	7.09	6.96	6.68	6.55
112.5	8.73	8.25	7.81	7.50	7.33	7.06	6.89	6.72	6.51
135.0	8.66	8.25	7.95	7.54	7.37	7.06	6.92	6.68	6.51
157.5	8.63	8.32	7.91	7.54	7.26	7.03	6.92	6.65	6.51
180.0	8.66	8.39	7.91	7.64	7.44	7.09	6.96	6.62	6.55
202.5	8.63	8.32	7.91	7.54	7.26	7.03	6.92	6.65	6.51
225.0	8.66	8.25	7.95	7.54	7.37	7.06	6.92	6.68	6.51
247.5	8.73	8.25	7.81	7.50	7.33	7.06	6.89	6.72	6.51
270.0	8.73	8.32	7.91	7.71	7.44	7.09	6.96	6.68	6.55
292.5	8.73	8.25	7.81	7.50	7.33	7.06	6.89	6.72	6.51
315.0	8.66	8.25	7.95	7.54	7.37	7.06	6.92	6.68	6.51
337.5	8.63	8.32	7.91	7.54	7.26	7.03	6.92	6.65	6.51
360.0	8.66	8.39	7.91	7.64	7.44	7.09	6.96	6.62	6.55
C/ $\gamma$ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	6.34	6.07	5.87	5.66	5.32	5.18	4.98	4.77	4.57
22.5	6.28	6.07	5.90	5.66	5.39	5.22	4.95	4.77	4.57
45.0	6.31	6.10	5.87	5.66	5.42	5.22	4.98	4.77	4.57
67.5	6.34	6.10	5.87	5.70	5.39	5.18	4.95	4.74	4.57
90.0	6.34	6.00	5.87	5.73	5.39	5.18	4.98	4.77	4.64
112.5	6.34	6.10	5.87	5.70	5.39	5.18	4.95	4.74	4.57
135.0	6.31	6.10	5.87	5.66	5.42	5.22	4.98	4.77	4.57
157.5	6.28	6.07	5.90	5.66	5.39	5.22	4.95	4.77	4.57
180.0	6.34	6.07	5.87	5.66	5.32	5.18	4.98	4.77	4.57
202.5	6.28	6.07	5.90	5.66	5.39	5.22	4.95	4.77	4.57
225.0	6.31	6.10	5.87	5.66	5.42	5.22	4.98	4.77	4.57
247.5	6.34	6.10	5.87	5.70	5.39	5.18	4.95	4.74	4.57
270.0	6.34	6.00	5.87	5.73	5.39	5.18	4.98	4.77	4.64
292.5	6.34	6.10	5.87	5.70	5.39	5.18	4.95	4.74	4.57
315.0	6.31	6.10	5.87	5.66	5.42	5.22	4.98	4.77	4.57
337.5	6.28	6.07	5.90	5.66	5.39	5.22	4.95	4.77	4.57
360.0	6.34	6.07	5.87	5.66	5.32	5.18	4.98	4.77	4.57
C/ $\gamma$ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	4.37	4.09	3.75	3.55	3.34	3.07	2.73	2.52	2.25
22.5	4.30	4.06	3.79	3.58	3.38	3.07	2.90	2.59	2.35
45.0	4.30	4.13	3.89	3.55	3.38	3.07	2.86	2.63	2.25
67.5	4.26	4.09	3.82	3.62	3.38	3.07	2.83	2.63	2.39
90.0	4.30	4.02	3.89	3.62	3.41	3.07	2.80	2.59	2.25
112.5	4.26	4.09	3.82	3.62	3.38	3.07	2.83	2.63	2.39
135.0	4.30	4.13	3.89	3.55	3.38	3.07	2.86	2.63	2.25
157.5	4.30	4.06	3.79	3.58	3.38	3.07	2.90	2.59	2.35
180.0	4.37	4.09	3.75	3.55	3.34	3.07	2.73	2.52	2.25
202.5	4.30	4.06	3.79	3.58	3.38	3.07	2.90	2.59	2.35
225.0	4.30	4.13	3.89	3.55	3.38	3.07	2.86	2.63	2.25
247.5	4.26	4.09	3.82	3.62	3.38	3.07	2.83	2.63	2.39
270.0	4.30	4.02	3.89	3.62	3.41	3.07	2.80	2.59	2.25
292.5	4.26	4.09	3.82	3.62	3.38	3.07	2.83	2.63	2.39
315.0	4.30	4.13	3.89	3.55	3.38	3.07	2.86	2.63	2.25
337.5	4.30	4.06	3.79	3.58	3.38	3.07	2.90	2.59	2.35
360.0	4.37	4.09	3.75	3.55	3.34	3.07	2.73	2.52	2.25

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 20 Total:23

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.05	1.77	1.43	1.16	0.82	0.68	0.41	0.34	0.20
22.5	2.11	1.84	1.60	1.30	1.02	0.75	0.44	0.24	0.10
45.0	2.05	1.84	1.57	1.36	1.06	0.82	0.58	0.34	0.24
67.5	2.08	1.88	1.60	1.33	1.02	0.82	0.48	0.31	0.20
90.0	2.11	1.77	1.57	1.36	1.02	0.89	0.68	0.34	0.20
112.5	2.08	1.88	1.60	1.33	1.02	0.82	0.48	0.31	0.20
135.0	2.05	1.84	1.57	1.36	1.06	0.82	0.58	0.34	0.24
157.5	2.11	1.84	1.60	1.30	1.02	0.75	0.44	0.24	0.10
180.0	2.05	1.77	1.43	1.16	0.82	0.68	0.41	0.34	0.20
202.5	2.11	1.84	1.60	1.30	1.02	0.75	0.44	0.24	0.10
225.0	2.05	1.84	1.57	1.36	1.06	0.82	0.58	0.34	0.24
247.5	2.08	1.88	1.60	1.33	1.02	0.82	0.48	0.31	0.20
270.0	2.11	1.77	1.57	1.36	1.02	0.89	0.68	0.34	0.20
292.5	2.08	1.88	1.60	1.33	1.02	0.82	0.48	0.31	0.20
315.0	2.05	1.84	1.57	1.36	1.06	0.82	0.58	0.34	0.24
337.5	2.11	1.84	1.60	1.30	1.02	0.75	0.44	0.24	0.10
360.0	2.05	1.77	1.43	1.16	0.82	0.68	0.41	0.34	0.20
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.07	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	0.07	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	0.07	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	0.07	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	0.07	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	0.07	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	0.07	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	0.07	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	0.07	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: 2024-11-13  
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	0.07	0.00	0.07	0.00	0.00	0.07	0.07
22.5	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.07
45.0	0.00	0.00	0.00	0.03	0.00	0.07	0.07	0.03	0.07
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.14
90.0	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.14
135.0	0.00	0.00	0.00	0.03	0.00	0.07	0.07	0.03	0.07
157.5	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.07
180.0	0.00	0.00	0.07	0.00	0.07	0.00	0.00	0.07	0.07
202.5	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.07
225.0	0.00	0.00	0.00	0.03	0.00	0.07	0.07	0.03	0.07
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.14
270.0	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.14
315.0	0.00	0.00	0.00	0.03	0.00	0.07	0.07	0.03	0.07
337.5	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.07
360.0	0.00	0.00	0.07	0.00	0.07	0.00	0.00	0.07	0.07
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.14	0.07	0.07	0.07	0.14	0.14	0.20	0.14	0.20
22.5	0.07	0.10	0.14	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.03	0.10	0.14	0.14	0.14	0.14	0.17	0.20
67.5	0.10	0.10	0.14	0.14	0.10	0.14	0.14	0.14	0.17
90.0	0.14	0.07	0.14	0.14	0.20	0.14	0.14	0.14	0.20
112.5	0.10	0.10	0.14	0.14	0.10	0.14	0.14	0.14	0.17
135.0	0.14	0.03	0.10	0.14	0.14	0.14	0.14	0.17	0.20
157.5	0.07	0.10	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.07	0.07	0.07	0.14	0.14	0.20	0.14	0.20
202.5	0.07	0.10	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.03	0.10	0.14	0.14	0.14	0.14	0.17	0.20
247.5	0.10	0.10	0.14	0.14	0.10	0.14	0.14	0.14	0.17
270.0	0.14	0.07	0.14	0.14	0.20	0.14	0.14	0.14	0.20
292.5	0.10	0.10	0.14	0.14	0.10	0.14	0.14	0.14	0.17
315.0	0.14	0.03	0.10	0.14	0.14	0.14	0.14	0.17	0.20
337.5	0.07	0.10	0.14	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.07	0.07	0.07	0.14	0.14	0.20	0.14	0.20

## 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	0.20	0.27	0.20	0.27	0.34	0.27	0.34	0.27	0.34
22.5	0.20	0.17	0.27	0.24	0.27	0.27	0.27	0.34	0.31
45.0	0.20	0.27	0.20	0.27	0.27	0.27	0.27	0.34	0.34
67.5	0.20	0.24	0.27	0.27	0.27	0.27	0.27	0.34	0.38
90.0	0.20	0.27	0.27	0.27	0.27	0.27	0.27	0.34	0.34
112.5	0.20	0.24	0.27	0.27	0.27	0.27	0.27	0.34	0.38
135.0	0.20	0.27	0.20	0.27	0.27	0.27	0.27	0.34	0.34
157.5	0.20	0.17	0.27	0.24	0.27	0.27	0.27	0.34	0.31
180.0	0.20	0.27	0.20	0.27	0.34	0.27	0.34	0.27	0.34
202.5	0.20	0.17	0.27	0.24	0.27	0.27	0.27	0.34	0.31
225.0	0.20	0.27	0.20	0.27	0.27	0.27	0.27	0.34	0.34
247.5	0.20	0.24	0.27	0.27	0.27	0.27	0.27	0.34	0.38
270.0	0.20	0.27	0.27	0.27	0.27	0.27	0.27	0.34	0.34
292.5	0.20	0.24	0.27	0.27	0.27	0.27	0.27	0.34	0.38
315.0	0.20	0.27	0.20	0.27	0.27	0.27	0.27	0.34	0.34
337.5	0.20	0.17	0.27	0.24	0.27	0.27	0.27	0.34	0.31
360.0	0.20	0.27	0.20	0.27	0.34	0.27	0.34	0.27	0.34
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.41	0.34	0.34	0.48	0.41	0.41	0.48	0.48	0.55
22.5	0.41	0.38	0.41	0.41	0.41	0.41	0.41	0.44	0.55
45.0	0.34	0.38	0.38	0.41	0.41	0.44	0.51	0.44	0.51
67.5	0.31	0.41	0.41	0.44	0.41	0.48	0.51	0.48	0.51
90.0	0.41	0.41	0.41	0.41	0.41	0.48	0.48	0.55	0.55
112.5	0.31	0.41	0.41	0.44	0.41	0.48	0.51	0.48	0.51
135.0	0.34	0.38	0.38	0.41	0.41	0.44	0.51	0.44	0.51
157.5	0.41	0.38	0.41	0.41	0.41	0.41	0.41	0.44	0.55
180.0	0.41	0.34	0.34	0.48	0.41	0.41	0.48	0.48	0.55
202.5	0.41	0.38	0.41	0.41	0.41	0.41	0.41	0.44	0.55
225.0	0.34	0.38	0.38	0.41	0.41	0.44	0.51	0.44	0.51
247.5	0.31	0.41	0.41	0.44	0.41	0.48	0.51	0.48	0.51
270.0	0.41	0.41	0.41	0.41	0.41	0.48	0.48	0.55	0.55
292.5	0.31	0.41	0.41	0.44	0.41	0.48	0.51	0.48	0.51
315.0	0.34	0.38	0.38	0.41	0.41	0.44	0.51	0.44	0.51
337.5	0.41	0.38	0.41	0.41	0.41	0.41	0.41	0.44	0.55
360.0	0.41	0.34	0.34	0.48	0.41	0.41	0.48	0.48	0.55
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.55	0.55	0.55	0.48	0.61	0.48	0.61	0.68	0.68
22.5	0.51	0.55	0.55	0.58	0.58	0.58	0.65	0.68	0.68
45.0	0.51	0.55	0.55	0.58	0.58	0.61	0.61	0.61	0.58
67.5	0.51	0.55	0.55	0.55	0.55	0.65	0.58	0.61	0.68
90.0	0.55	0.55	0.55	0.55	0.61	0.61	0.61	0.61	0.68
112.5	0.51	0.55	0.55	0.55	0.55	0.65	0.58	0.61	0.68
135.0	0.51	0.55	0.55	0.58	0.58	0.61	0.61	0.61	0.58
157.5	0.51	0.55	0.55	0.58	0.58	0.58	0.65	0.68	0.68
180.0	0.55	0.55	0.55	0.48	0.61	0.48	0.61	0.68	0.68
202.5	0.51	0.55	0.55	0.58	0.58	0.58	0.65	0.68	0.68
225.0	0.51	0.55	0.55	0.58	0.58	0.61	0.61	0.61	0.58
247.5	0.51	0.55	0.55	0.55	0.55	0.65	0.58	0.61	0.68
270.0	0.55	0.55	0.55	0.55	0.61	0.61	0.61	0.61	0.68
292.5	0.51	0.55	0.55	0.55	0.55	0.65	0.58	0.61	0.68
315.0	0.51	0.55	0.55	0.58	0.58	0.61	0.61	0.61	0.58
337.5	0.51	0.55	0.55	0.58	0.58	0.58	0.65	0.68	0.68
360.0	0.55	0.55	0.55	0.48	0.61	0.48	0.61	0.68	0.68

## 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	0.68	0.68	0.61	0.68	0.75	0.75	0.75	0.75	0.82
22.5	0.65	0.68	0.68	0.68	0.68	0.68	0.78	0.72	0.78
45.0	0.65	0.61	0.68	0.72	0.72	0.68	0.72	0.72	0.82
67.5	0.68	0.68	0.68	0.72	0.75	0.72	0.75	0.72	0.78
90.0	0.68	0.68	0.68	0.75	0.75	0.68	0.82	0.75	0.82
112.5	0.68	0.68	0.68	0.72	0.75	0.72	0.75	0.72	0.78
135.0	0.65	0.61	0.68	0.72	0.72	0.68	0.72	0.72	0.82
157.5	0.65	0.68	0.68	0.68	0.68	0.68	0.78	0.72	0.78
180.0	0.68	0.68	0.61	0.68	0.75	0.75	0.75	0.75	0.82
202.5	0.65	0.68	0.68	0.68	0.68	0.68	0.78	0.72	0.78
225.0	0.65	0.61	0.68	0.72	0.72	0.68	0.72	0.72	0.82
247.5	0.68	0.68	0.68	0.72	0.75	0.72	0.75	0.72	0.78
270.0	0.68	0.68	0.68	0.75	0.75	0.68	0.82	0.75	0.82
292.5	0.68	0.68	0.68	0.72	0.75	0.72	0.75	0.72	0.78
315.0	0.65	0.61	0.68	0.72	0.72	0.68	0.72	0.72	0.82
337.5	0.65	0.68	0.68	0.68	0.68	0.68	0.78	0.72	0.78
360.0	0.68	0.68	0.61	0.68	0.75	0.75	0.75	0.75	0.82
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.75	0.75	0.82	0.82	0.82	0.82	0.82	0.75	0.82
22.5	0.82	0.78	0.82	0.82	0.82	0.82	0.78	0.82	0.82
45.0	0.78	0.75	0.75	0.75	0.82	0.82	0.82	0.85	0.85
67.5	0.75	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.85
90.0	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
112.5	0.75	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.85
135.0	0.78	0.75	0.75	0.75	0.82	0.82	0.82	0.85	0.85
157.5	0.82	0.78	0.82	0.82	0.82	0.82	0.78	0.82	0.82
180.0	0.75	0.75	0.82	0.82	0.82	0.82	0.82	0.75	0.82
202.5	0.82	0.78	0.82	0.82	0.82	0.82	0.78	0.82	0.82
225.0	0.78	0.75	0.75	0.75	0.82	0.82	0.82	0.85	0.85
247.5	0.75	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.85
270.0	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
292.5	0.75	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.85
315.0	0.78	0.75	0.75	0.75	0.82	0.82	0.82	0.85	0.85
337.5	0.82	0.78	0.82	0.82	0.82	0.82	0.78	0.82	0.82
360.0	0.75	0.75	0.82	0.82	0.82	0.82	0.82	0.75	0.82
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								

Equipment: GMS-1800  
Temperature(°C): 25.0Date: 2024-11-13  
Humidity(%): 59.0%Operator: Liao  
Distance(m): 11.68