



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-RDLRE4Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111308-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.016

Lamp flux(lm)

Power (W): 1.580

Number of Lamps: 1

PF: 0.819

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 89.03, Luminous Efficacy(lm/W): 56.35

Central intensity(cd): 144.98, Maximum intensity(cd): 145.29

Angle of maximum intensity: $C=22.5$ $\gamma=0.0$

Beam Angle(50%Imax): [C0/180]Total=38.9

[C90/270]Total=38.9

Field angle(10%Imax): [C0/180]Total=83.0

[C90/270]Total=83.0

Maximum s/h(1/2): C0_180=0.65 C90_270=0.58

Maximum s/h(1/4): C0_180=0.70 C90_270=0.65

Up flux rate of LUM(%): 0.23%

Down flux rate of LUM(%): 99.77%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.155%

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	144.983	0.000	0.000	0.000%	0.000%
1.0	144.650	0.139	0.139	0.156%	0.156%
2.0	143.849	0.414	0.553	0.465%	0.621%
3.0	142.937	0.686	1.239	0.770%	1.391%
4.0	141.138	0.951	2.189	1.068%	2.459%
5.0	138.912	1.205	3.394	1.353%	3.812%
6.0	136.661	1.448	4.842	1.627%	5.439%
7.0	132.739	1.672	6.515	1.878%	7.317%
8.0	129.806	1.879	8.394	2.111%	9.428%
9.0	125.594	2.070	10.463	2.325%	11.753%
10.0	120.759	2.229	12.693	2.504%	14.257%
11.0	116.684	2.373	15.065	2.665%	16.922%
12.0	110.212	2.480	17.546	2.786%	19.708%
13.0	105.395	2.559	20.104	2.874%	22.582%
14.0	99.716	2.625	22.730	2.949%	25.531%
15.0	93.194	2.648	25.378	2.975%	28.505%
16.0	88.777	2.666	28.045	2.995%	31.500%
17.0	83.482	2.683	30.727	3.013%	34.513%
18.0	78.460	2.670	33.397	2.999%	37.513%
19.0	74.674	2.664	36.061	2.993%	40.505%
20.0	69.251	2.634	38.696	2.959%	43.464%
21.0	65.747	2.592	41.288	2.912%	46.376%
22.0	61.552	2.558	43.846	2.873%	49.249%
23.0	57.152	2.491	46.337	2.798%	52.047%
24.0	54.347	2.438	48.775	2.738%	54.785%
25.0	50.289	2.379	51.154	2.672%	57.457%
26.0	46.870	2.293	53.447	2.576%	60.033%
27.0	44.064	2.225	55.672	2.499%	62.532%
28.0	40.731	2.147	57.819	2.411%	64.943%
29.0	38.744	2.079	59.898	2.336%	67.279%
30.0	35.768	2.012	61.910	2.260%	69.539%
31.0	33.347	1.923	63.833	2.160%	71.699%
32.0	31.548	1.859	65.692	2.088%	73.787%
33.0	29.015	1.784	67.477	2.004%	75.791%
34.0	27.438	1.708	69.185	1.919%	77.710%
35.0	25.699	1.650	70.835	1.854%	79.564%
36.0	23.865	1.578	72.413	1.773%	81.336%
37.0	22.638	1.517	73.930	1.704%	83.040%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	20.804	1.450	75.380	1.629%	84.669%
39.0	19.406	1.372	76.752	1.542%	86.210%
40.0	17.598	1.291	78.043	1.450%	87.660%
41.0	15.271	1.170	79.214	1.315%	88.975%
42.0	13.651	1.051	80.264	1.180%	90.155%
43.0	11.494	0.931	81.196	1.046%	91.201%
44.0	9.098	0.777	81.973	0.873%	92.074%
45.0	7.495	0.638	82.611	0.716%	92.790%
46.0	5.602	0.512	83.123	0.575%	93.366%
47.0	4.741	0.411	83.534	0.462%	93.828%
48.0	4.135	0.359	83.893	0.403%	94.231%
49.0	3.649	0.320	84.213	0.359%	94.590%
50.0	3.342	0.292	84.504	0.327%	94.917%
51.0	2.942	0.266	84.770	0.299%	95.216%
52.0	2.703	0.242	85.012	0.272%	95.488%
53.0	2.507	0.227	85.239	0.255%	95.742%
54.0	2.302	0.212	85.451	0.238%	95.980%
55.0	2.166	0.199	85.650	0.224%	96.204%
56.0	2.038	0.190	85.840	0.213%	96.418%
57.0	1.867	0.179	86.019	0.201%	96.618%
58.0	1.782	0.169	86.187	0.190%	96.808%
59.0	1.611	0.159	86.346	0.178%	96.986%
60.0	1.577	0.151	86.497	0.169%	97.155%
61.0	1.543	0.149	86.646	0.167%	97.323%
62.0	1.467	0.145	86.791	0.163%	97.486%
63.0	1.432	0.141	86.932	0.158%	97.644%
64.0	1.415	0.140	87.071	0.157%	97.801%
65.0	1.330	0.136	87.207	0.153%	97.953%
66.0	1.287	0.131	87.338	0.147%	98.100%
67.0	1.236	0.127	87.465	0.143%	98.243%
68.0	1.168	0.122	87.587	0.137%	98.380%
69.0	1.143	0.118	87.704	0.132%	98.512%
70.0	1.066	0.113	87.818	0.127%	98.639%
71.0	1.023	0.108	87.926	0.121%	98.761%
72.0	0.938	0.102	88.028	0.115%	98.875%
73.0	0.912	0.097	88.125	0.109%	98.984%
74.0	0.853	0.093	88.217	0.104%	99.088%
75.0	0.767	0.086	88.303	0.096%	99.184%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.708	0.078	88.381	0.088%	99.272%
77.0	0.622	0.071	88.452	0.080%	99.352%
78.0	0.588	0.065	88.517	0.073%	99.425%
79.0	0.495	0.058	88.575	0.065%	99.490%
80.0	0.452	0.051	88.626	0.057%	99.547%
81.0	0.375	0.045	88.671	0.050%	99.597%
82.0	0.341	0.039	88.710	0.044%	99.641%
83.0	0.281	0.034	88.744	0.038%	99.679%
84.0	0.213	0.027	88.771	0.030%	99.709%
85.0	0.162	0.020	88.791	0.023%	99.732%
86.0	0.119	0.015	88.806	0.017%	99.750%
87.0	0.077	0.011	88.817	0.012%	99.762%
88.0	0.017	0.005	88.822	0.006%	99.767%
89.0	0.000	0.001	88.823	0.001%	99.769%
90.0	0.000	0.000	88.823	0.000%	99.769%
91.0	0.000	0.000	88.823	0.000%	99.769%
92.0	0.000	0.000	88.823	0.000%	99.769%
93.0	0.000	0.000	88.823	0.000%	99.769%
94.0	0.000	0.000	88.823	0.000%	99.769%
95.0	0.000	0.000	88.823	0.000%	99.769%
96.0	0.000	0.000	88.823	0.000%	99.769%
97.0	0.000	0.000	88.823	0.000%	99.769%
98.0	0.000	0.000	88.823	0.000%	99.769%
99.0	0.000	0.000	88.823	0.000%	99.769%
100.0	0.000	0.000	88.823	0.000%	99.769%
101.0	0.000	0.000	88.823	0.000%	99.769%
102.0	0.000	0.000	88.823	0.000%	99.769%
103.0	0.000	0.000	88.823	0.000%	99.769%
104.0	0.000	0.000	88.823	0.000%	99.769%
105.0	0.000	0.000	88.823	0.000%	99.769%
106.0	0.000	0.000	88.823	0.000%	99.769%
107.0	0.000	0.000	88.823	0.000%	99.769%
108.0	0.000	0.000	88.823	0.000%	99.769%
109.0	0.000	0.000	88.823	0.000%	99.769%
110.0	0.000	0.000	88.823	0.000%	99.769%
111.0	0.000	0.000	88.823	0.000%	99.769%
112.0	0.000	0.000	88.823	0.000%	99.769%
113.0	0.000	0.000	88.823	0.000%	99.769%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	88.823	0.000%	99.769%
115.0	0.000	0.000	88.823	0.000%	99.769%
116.0	0.000	0.000	88.823	0.000%	99.769%
117.0	0.000	0.000	88.823	0.000%	99.769%
118.0	0.000	0.000	88.823	0.000%	99.769%
119.0	0.000	0.000	88.823	0.000%	99.769%
120.0	0.000	0.000	88.823	0.000%	99.769%
121.0	0.000	0.000	88.823	0.000%	99.769%
122.0	0.000	0.000	88.823	0.000%	99.769%
123.0	0.000	0.000	88.823	0.000%	99.769%
124.0	0.000	0.000	88.823	0.000%	99.769%
125.0	0.000	0.000	88.823	0.000%	99.769%
126.0	0.000	0.000	88.823	0.000%	99.769%
127.0	0.000	0.000	88.823	0.000%	99.769%
128.0	0.000	0.000	88.823	0.000%	99.769%
129.0	0.000	0.000	88.823	0.000%	99.769%
130.0	0.000	0.000	88.823	0.000%	99.769%
131.0	0.000	0.000	88.823	0.000%	99.769%
132.0	0.000	0.000	88.823	0.000%	99.769%
133.0	0.009	0.000	88.824	0.000%	99.769%
134.0	0.000	0.000	88.824	0.000%	99.769%
135.0	0.000	0.000	88.824	0.000%	99.769%
136.0	0.000	0.000	88.824	0.000%	99.769%
137.0	0.009	0.000	88.824	0.000%	99.770%
138.0	0.009	0.001	88.825	0.001%	99.770%
139.0	0.017	0.001	88.826	0.001%	99.771%
140.0	0.034	0.002	88.828	0.002%	99.773%
141.0	0.017	0.002	88.829	0.002%	99.775%
142.0	0.060	0.003	88.832	0.003%	99.778%
143.0	0.051	0.004	88.836	0.004%	99.783%
144.0	0.051	0.003	88.839	0.004%	99.786%
145.0	0.094	0.005	88.844	0.005%	99.791%
146.0	0.111	0.006	88.850	0.007%	99.799%
147.0	0.111	0.007	88.857	0.008%	99.806%
148.0	0.128	0.007	88.864	0.008%	99.814%
149.0	0.119	0.007	88.871	0.008%	99.822%
150.0	0.128	0.007	88.878	0.008%	99.830%
151.0	0.136	0.007	88.885	0.008%	99.838%

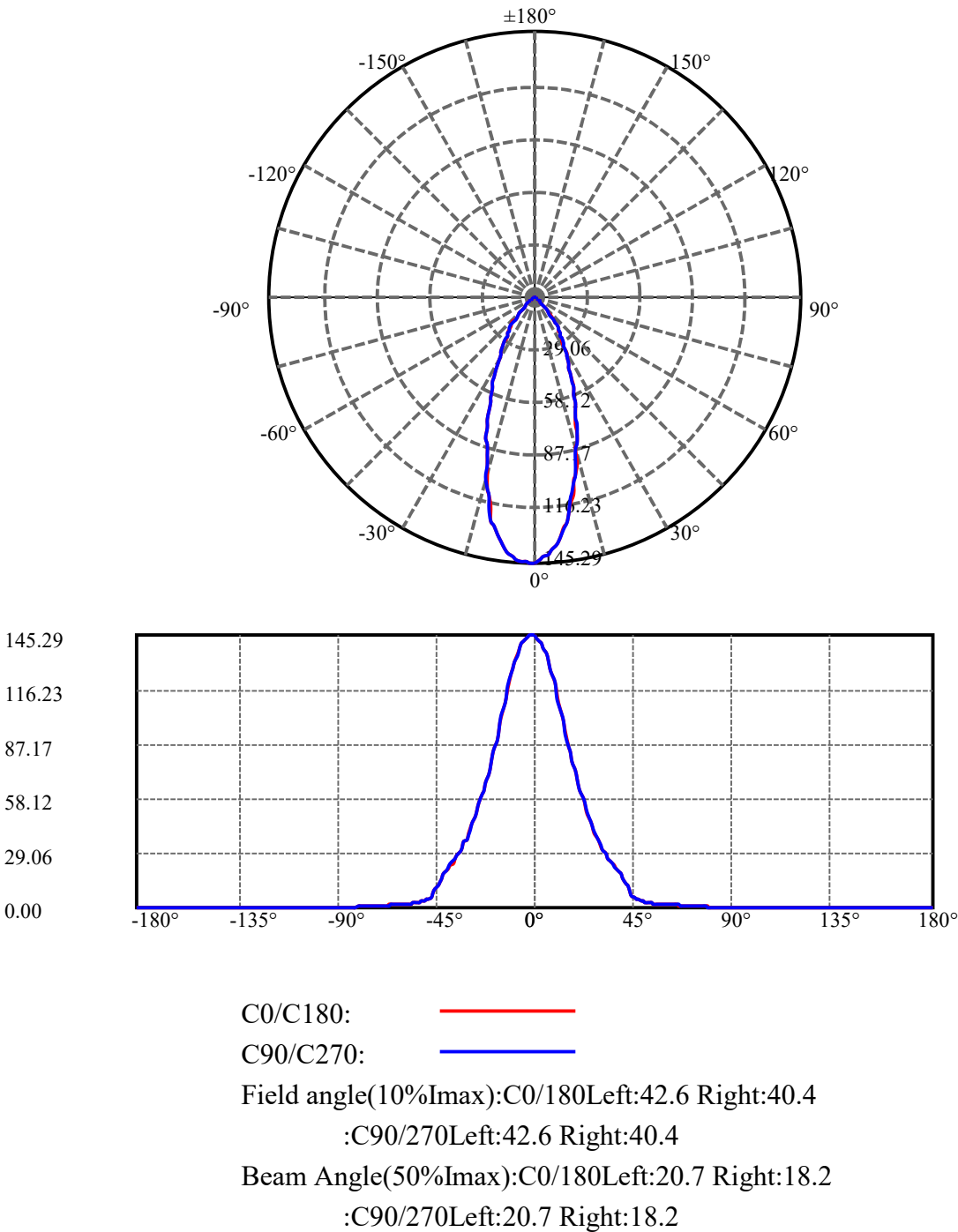
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.136	0.007	88.892	0.008%	99.846%
153.0	0.136	0.007	88.899	0.008%	99.854%
154.0	0.136	0.007	88.906	0.007%	99.861%
155.0	0.136	0.006	88.912	0.007%	99.868%
156.0	0.171	0.007	88.919	0.008%	99.876%
157.0	0.162	0.007	88.926	0.008%	99.884%
158.0	0.162	0.007	88.933	0.008%	99.892%
159.0	0.145	0.006	88.939	0.007%	99.899%
160.0	0.153	0.006	88.945	0.006%	99.905%
161.0	0.171	0.006	88.951	0.007%	99.912%
162.0	0.188	0.006	88.957	0.007%	99.919%
163.0	0.188	0.006	88.963	0.007%	99.926%
164.0	0.205	0.006	88.969	0.007%	99.933%
165.0	0.264	0.007	88.976	0.008%	99.940%
166.0	0.222	0.007	88.983	0.007%	99.948%
167.0	0.247	0.006	88.989	0.007%	99.955%
168.0	0.264	0.006	88.995	0.007%	99.962%
169.0	0.264	0.006	89.001	0.006%	99.968%
170.0	0.230	0.005	89.006	0.006%	99.974%
171.0	0.247	0.004	89.010	0.005%	99.978%
172.0	0.239	0.004	89.014	0.004%	99.983%
173.0	0.247	0.003	89.017	0.004%	99.987%
174.0	0.256	0.003	89.021	0.004%	99.990%
175.0	0.256	0.003	89.023	0.003%	99.993%
176.0	0.256	0.002	89.026	0.002%	99.996%
177.0	0.239	0.002	89.027	0.002%	99.998%
178.0	0.273	0.001	89.028	0.001%	99.999%
179.0	0.273	0.001	89.029	0.001%	100.000%
180.0	0.000	0.000	89.029	0.000%	100.000%

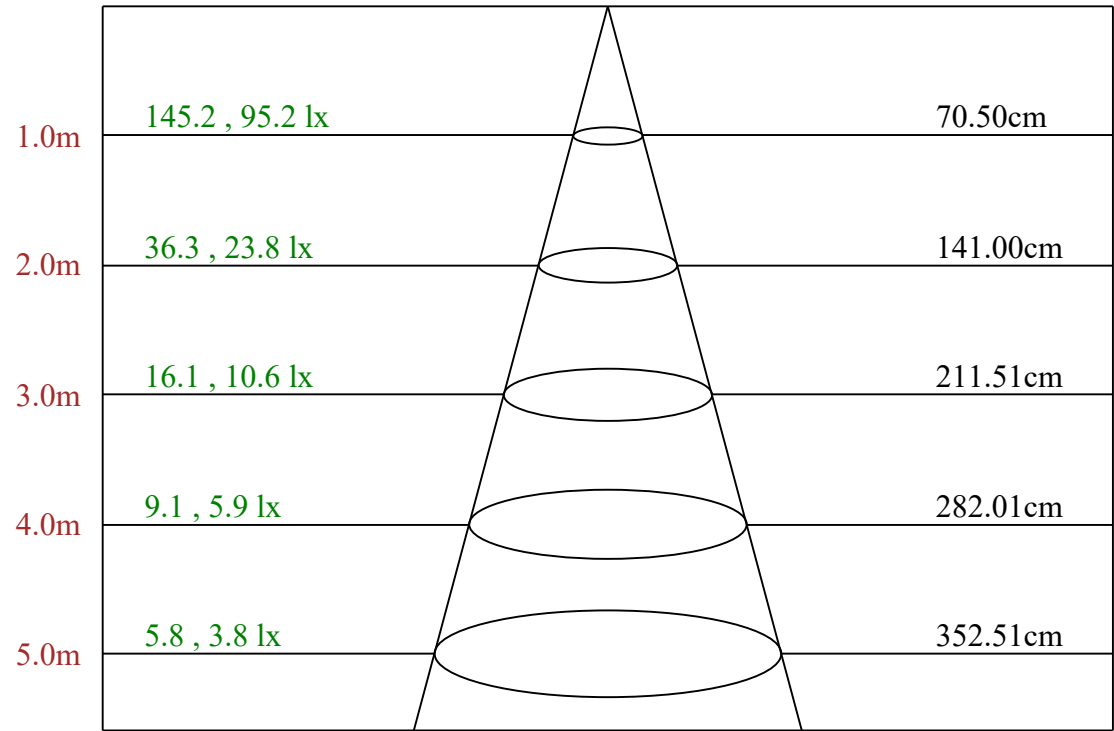
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	61.91	69.54%
0-40	78.04	87.66%
0-60	86.50	97.16%
0-90	88.82	99.77%
0-120	88.82	99.77%
0-180	89.03	100.00%
60-90	2.33	2.61%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.05	0.06%
90-180	0.21	0.23%
0-35.25	71.22	80.00%

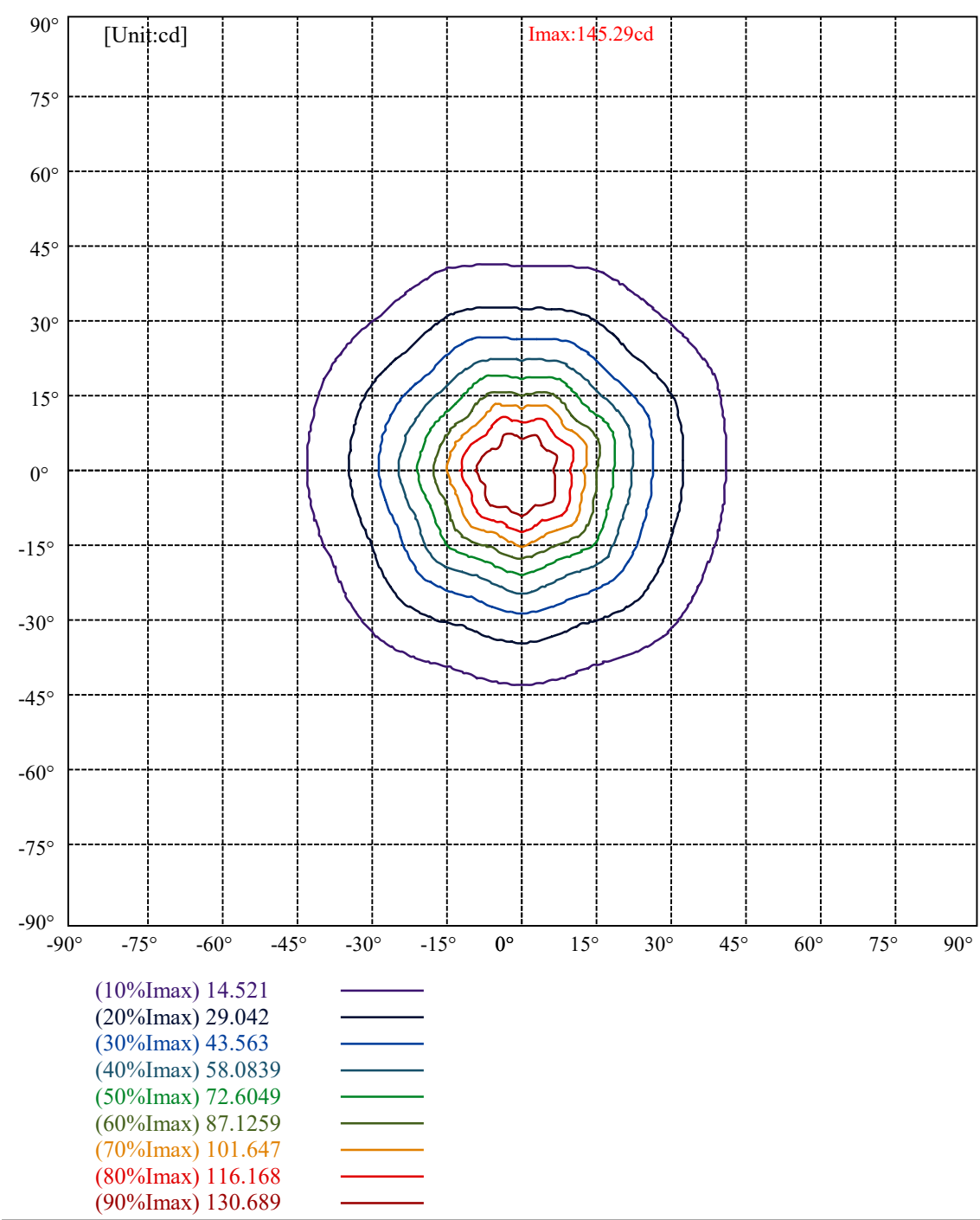
ZONAL LUMEN SUMMARY

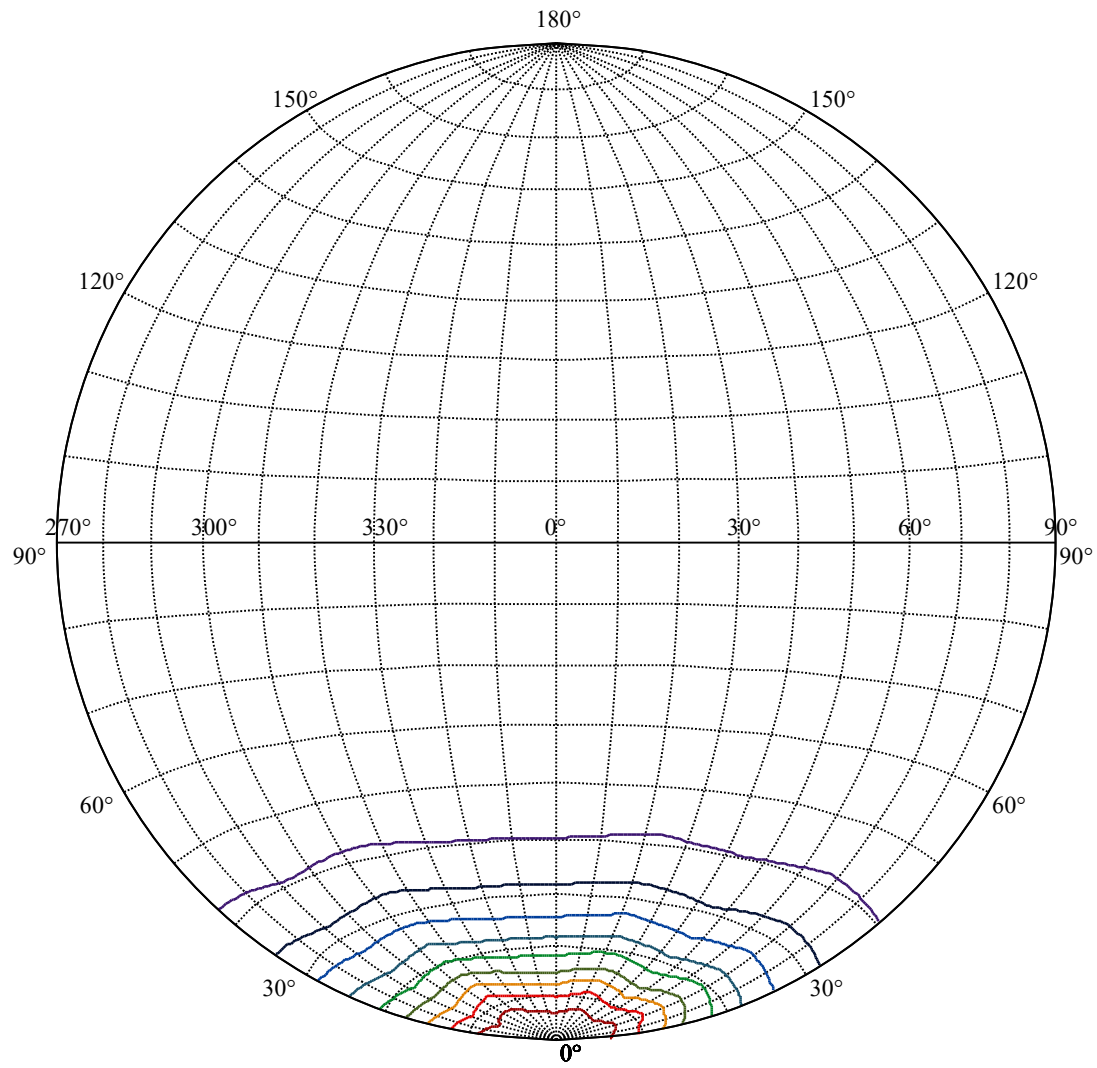
0-10	12.69
10-20	26.00
20-30	23.21
30-40	16.13
40-50	6.46
50-60	1.99
60-70	1.32
70-80	0.81
80-90	0.20
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.05
150-160	0.07
160-170	0.06
170-180	0.02





Max , Ave Beam angle of C22.5 plane 38.84



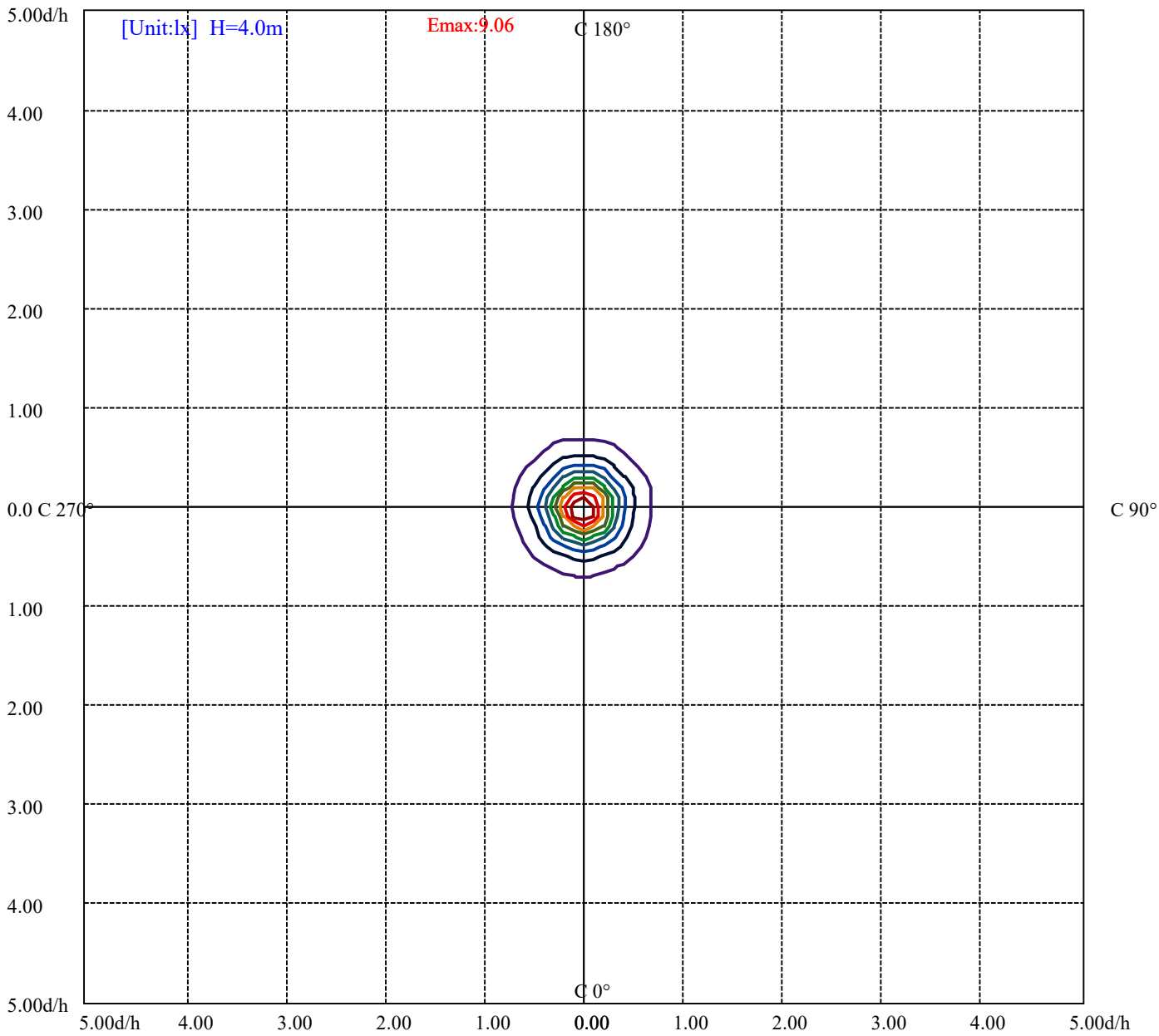


House

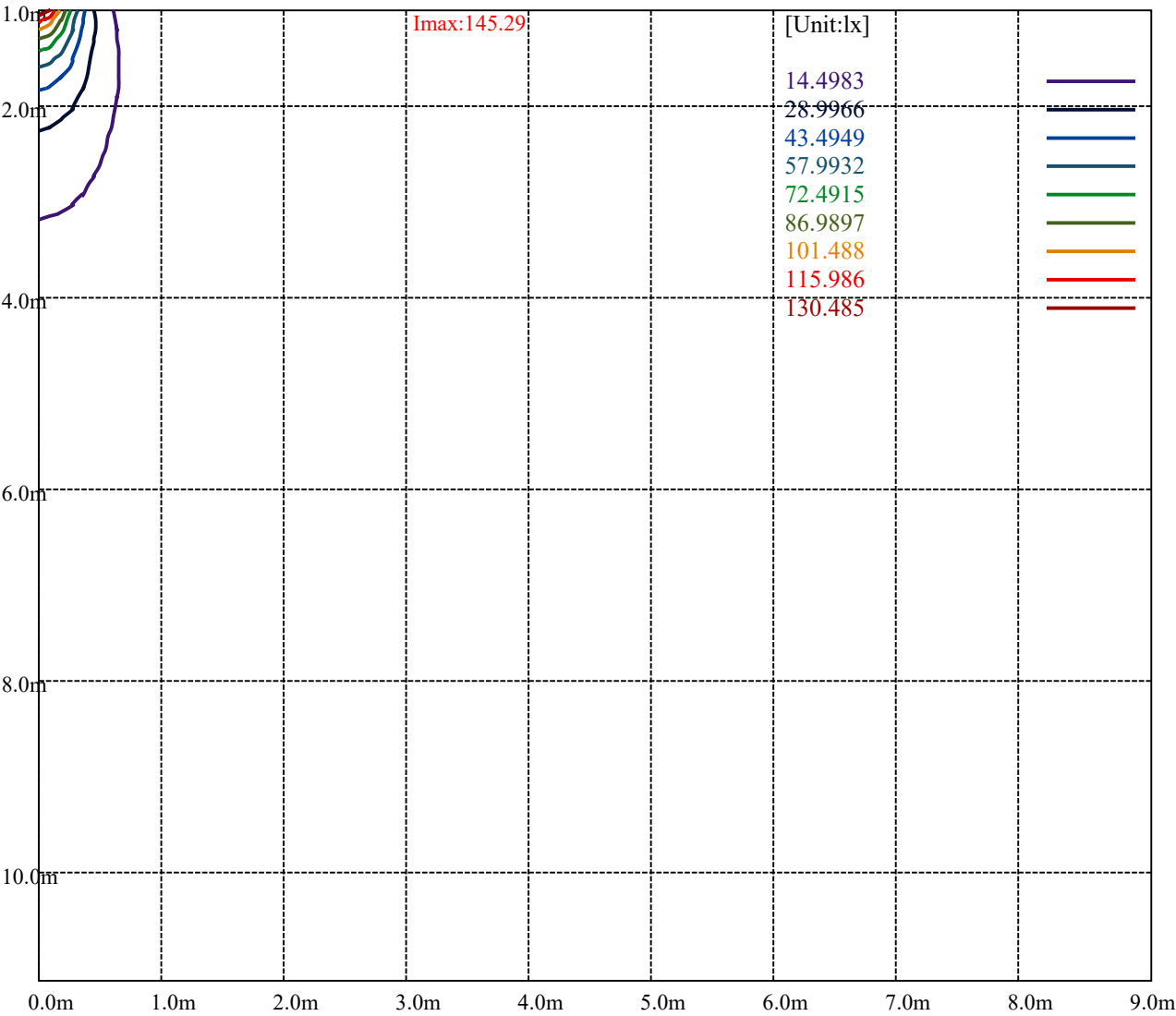
[Unit:cd]

Road

I _{max} :145.29	
(10%I _{max}) 14.529	—
(20%I _{max}) 29.058	—
(30%I _{max}) 43.587	—
(40%I _{max}) 58.1159	—
(50%I _{max}) 72.6449	—
(60%I _{max}) 87.1739	—
(70%I _{max}) 101.703	—
(80%I _{max}) 116.232	—
(90%I _{max}) 130.761	—



(10%Emax)	0.9061437	
(20%Emax)	1.812281	
(30%Emax)	2.718425	
(40%Emax)	3.624569	
(50%Emax)	4.530706	
(60%Emax)	5.43685	
(70%Emax)	6.343	
(80%Emax)	7.249125	
(90%Emax)	8.15525	



Luminance Table

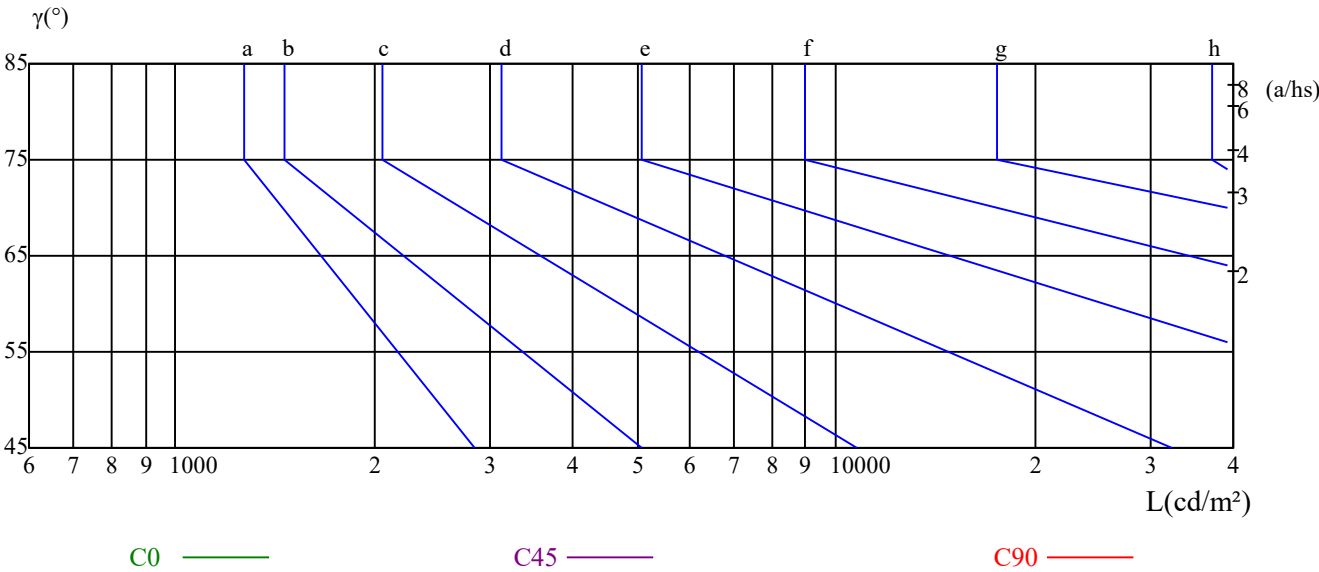
γ	45	50	55	60	65	70	75	80	85
C0	509	324	248	208	202	194	183	109	109
C45	496	310	231	208	202	194	183	164	109
C90	509	324	248	208	224	222	183	109	109

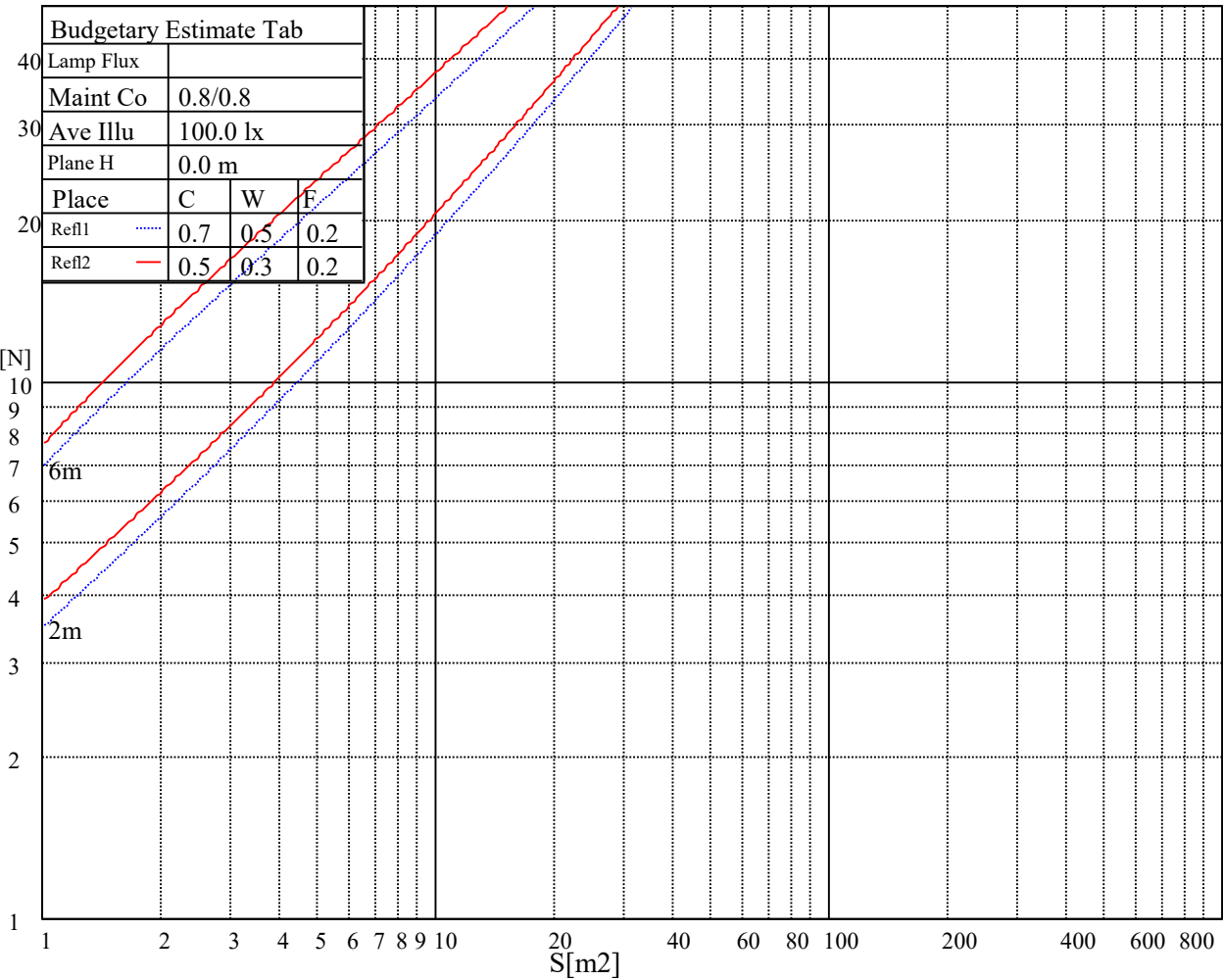
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
213	224	219	201	201	210	109	109	136

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	0.99	0.97	0.97	0.96	0.95	0.93
2	1.02	0.98	0.95	1.01	0.97	0.94	0.97	0.94	0.92	0.94	0.92	0.90	0.92	0.90	0.88	0.86
3	0.95	0.90	0.86	0.94	0.89	0.86	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.80
4	0.89	0.84	0.79	0.88	0.83	0.79	0.86	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.76	0.74
5	0.84	0.78	0.73	0.83	0.77	0.73	0.81	0.76	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.70
6	0.79	0.73	0.68	0.78	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.67	0.74	0.70	0.67	0.65
7	0.74	0.68	0.64	0.74	0.68	0.64	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.66	0.63	0.61
8	0.70	0.64	0.60	0.70	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.59	0.66	0.62	0.59	0.58
9	0.67	0.61	0.57	0.66	0.60	0.57	0.65	0.60	0.56	0.64	0.60	0.56	0.63	0.59	0.56	0.55
10	0.63	0.57	0.54	0.63	0.57	0.54	0.62	0.57	0.53	0.61	0.57	0.53	0.60	0.56	0.53	0.52

SPKPL-RDLRE4Q-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	144.98	143.65	141.74	140.65	138.20	135.33	131.92	127.15	124.55
22.5	144.98	145.02	144.33	143.65	141.06	138.88	137.24	133.28	129.33
45.0	144.98	143.24	142.42	140.52	137.51	134.51	131.10	125.92	123.19
67.5	144.98	145.02	144.33	143.52	141.06	138.88	137.24	133.28	129.33
90.0	144.98	143.79	141.88	140.65	138.33	135.47	132.06	127.28	124.69
112.5	144.98	145.02	144.47	143.38	141.88	139.97	138.33	134.79	131.10
135.0	144.98	144.20	142.56	141.47	139.15	136.29	132.88	127.96	125.37
157.5	144.98	145.29	145.02	144.61	142.56	140.52	138.88	135.47	131.65
180.0	144.98	145.15	144.88	144.33	143.38	141.88	140.65	137.79	134.92
202.5	144.98	144.88	144.20	143.52	141.88	139.70	136.97	133.15	130.83
225.0	144.98	145.15	145.29	145.02	144.20	142.83	141.88	139.01	136.29
247.5	144.98	144.88	144.20	143.38	141.88	139.70	137.10	133.15	130.83
270.0	144.98	145.02	144.88	144.33	143.52	141.88	140.65	137.79	134.79
292.5	144.98	144.61	143.79	142.29	140.52	138.20	135.33	131.10	128.78
315.0	144.98	145.15	144.74	143.93	143.24	141.06	139.83	136.56	133.42
337.5	144.98	144.33	142.83	141.74	139.83	137.51	134.51	130.15	127.83
360.0	144.98	143.65	141.74	140.65	138.20	135.33	131.92	127.15	124.55
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	119.64	114.46	109.14	102.59	99.32	93.86	85.67	82.67	77.76
22.5	125.24	120.60	117.73	111.73	106.27	100.95	94.40	88.95	83.63
45.0	118.41	113.50	108.18	101.36	98.09	90.31	84.04	81.03	75.99
67.5	125.24	120.60	117.73	111.59	106.27	100.95	94.40	88.95	83.63
90.0	119.78	111.46	108.32	102.73	99.45	91.95	85.81	82.81	78.03
112.5	126.87	122.23	119.37	111.05	105.45	102.18	95.77	90.45	85.26
135.0	120.87	116.10	109.55	104.09	100.82	93.04	86.63	83.63	78.72
157.5	127.55	122.92	119.92	113.64	108.05	102.45	95.63	90.04	84.72
180.0	131.10	126.87	124.14	116.37	111.05	107.64	100.95	95.22	89.77
202.5	126.46	121.69	115.55	109.96	106.41	98.50	91.95	88.67	83.49
225.0	133.01	128.78	126.05	117.73	112.14	108.73	101.91	96.18	90.58
247.5	126.46	121.83	116.64	109.96	104.09	98.50	91.95	88.67	83.63
270.0	131.10	126.87	124.14	118.28	110.91	107.50	101.91	95.22	89.77
292.5	124.55	119.92	114.87	108.18	104.91	97.00	90.58	88.54	82.13
315.0	129.60	125.65	123.05	117.19	112.00	106.68	101.09	94.27	88.67
337.5	123.60	118.69	112.55	106.96	101.09	95.22	88.40	85.13	79.94
360.0	119.64	114.46	109.14	102.59	99.32	93.86	85.67	82.67	77.76
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	73.26	68.89	63.85	61.25	57.43	53.61	50.07	46.11	43.11
22.5	78.44	75.58	69.98	65.48	61.12	57.16	54.98	50.61	45.97
45.0	71.21	66.71	61.53	59.07	55.11	51.29	47.88	44.06	42.29
67.5	78.44	75.58	69.98	65.48	61.12	57.16	54.98	50.61	45.97
90.0	73.40	69.03	63.98	61.53	57.57	53.75	50.20	46.25	43.11
112.5	80.49	77.62	72.03	67.67	63.44	58.53	54.84	51.43	48.29
135.0	73.94	69.44	64.39	61.94	58.12	54.43	51.02	47.34	44.20
157.5	79.67	76.81	71.49	67.26	63.03	59.07	56.89	52.80	48.43
180.0	84.58	81.58	75.85	71.35	66.98	62.62	60.16	55.52	51.98
202.5	78.58	73.94	68.48	66.03	61.80	57.71	53.89	49.66	46.38
225.0	85.13	81.99	76.26	71.62	67.26	62.21	60.57	55.93	51.02
247.5	78.72	73.94	68.48	66.03	61.80	55.39	53.20	49.66	46.38
270.0	84.45	81.44	75.85	71.21	66.85	62.48	60.03	55.52	51.98
292.5	77.08	72.30	67.12	64.53	60.30	56.34	52.52	48.57	46.66
315.0	83.08	79.94	74.08	69.44	64.80	60.57	58.25	53.75	50.34
337.5	74.90	69.98	64.66	62.07	58.12	52.11	50.07	46.79	43.79
360.0	73.26	68.89	63.85	61.25	57.43	53.61	50.07	46.11	43.11

SPKPL-RDLRE4Q-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	40.11	36.83	35.33	32.88	30.83	28.79	26.60	25.51	23.87
22.5	44.06	41.06	39.29	35.20	32.74	31.51	29.06	27.15	25.51
45.0	38.20	35.06	33.56	31.38	29.33	27.42	25.37	24.42	22.92
67.5	44.06	41.06	39.43	35.20	32.74	31.51	29.06	27.28	25.51
90.0	40.24	36.97	35.47	33.01	30.83	28.92	26.60	25.51	23.87
112.5	46.38	42.70	39.84	37.24	34.79	33.15	30.56	28.51	26.74
135.0	41.34	38.06	36.56	34.11	31.79	29.74	27.42	26.47	24.83
157.5	46.52	43.52	41.88	37.65	35.20	33.70	31.10	29.19	27.28
180.0	48.70	44.88	42.02	39.29	36.42	34.79	31.79	29.47	27.69
202.5	43.25	39.70	38.20	35.47	33.01	30.83	28.38	27.15	25.37
225.0	48.98	45.29	42.29	39.56	36.97	35.33	32.47	30.29	28.38
247.5	43.11	39.84	38.20	35.47	33.15	30.83	28.38	27.15	25.51
270.0	48.57	44.88	41.88	39.15	36.42	34.79	31.79	29.47	27.56
292.5	43.66	40.79	37.65	34.92	32.47	30.15	27.69	26.47	24.83
315.0	46.93	43.25	42.15	37.93	35.33	33.83	30.97	28.92	27.01
337.5	40.93	37.79	36.15	33.83	31.51	29.47	27.01	26.06	24.28
360.0	40.11	36.83	35.33	32.88	30.83	28.79	26.60	25.51	23.87
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	22.37	20.87	19.10	18.01	15.42	12.82	11.32	8.87	6.55
22.5	23.87	23.06	21.15	19.78	18.28	16.23	14.32	13.10	9.55
45.0	21.55	20.19	18.28	17.33	15.55	12.28	10.78	8.46	6.14
67.5	23.87	22.92	21.28	19.78	18.28	16.23	14.32	12.01	9.55
90.0	21.42	20.87	19.10	18.01	15.55	12.96	11.46	8.87	6.55
112.5	25.10	24.15	21.69	20.05	19.24	17.05	15.01	12.69	10.23
135.0	22.37	21.28	19.64	18.55	16.10	13.37	12.01	9.41	6.96
157.5	25.65	24.69	22.65	21.01	19.51	17.19	15.01	13.64	10.23
180.0	25.92	23.87	22.37	20.60	19.64	17.73	15.69	13.78	11.73
202.5	22.92	21.96	20.19	19.24	16.64	14.32	13.23	10.91	8.46
225.0	26.60	24.42	22.92	21.15	20.19	18.01	16.10	13.92	11.73
247.5	23.87	22.24	20.19	18.55	16.64	14.32	13.23	10.91	8.59
270.0	25.92	24.83	23.06	21.42	19.64	17.60	15.69	13.78	11.73
292.5	23.19	21.69	19.51	18.55	15.96	13.78	12.96	10.37	9.14
315.0	25.24	24.15	22.37	20.74	18.96	16.78	15.01	13.23	10.91
337.5	21.96	21.01	19.37	17.73	15.96	13.64	12.28	9.96	7.50
360.0	22.37	20.87	19.10	18.01	15.42	12.82	11.32	8.87	6.55
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	5.18	4.37	4.23	3.82	3.27	3.00	2.73	2.59	2.32
22.5	8.05	5.59	4.77	4.23	3.82	3.55	3.14	2.86	2.59
45.0	5.05	4.37	4.09	3.68	3.27	2.86	2.59	2.46	2.32
67.5	8.19	5.73	4.77	4.37	3.82	3.55	3.14	2.86	2.59
90.0	5.18	4.50	4.23	3.68	3.27	3.00	2.73	2.59	2.32
112.5	8.73	6.00	5.05	4.37	3.96	3.41	3.00	2.73	2.59
135.0	5.32	4.50	4.23	3.82	3.27	3.00	2.73	2.46	2.32
157.5	8.73	6.00	4.91	4.23	3.82	3.55	3.00	2.86	2.59
180.0	10.37	7.78	5.73	4.64	4.09	3.82	3.27	2.86	2.73
202.5	6.41	4.77	4.37	3.96	3.55	3.00	2.73	2.59	2.32
225.0	10.23	7.37	5.46	4.50	3.96	3.82	3.27	2.86	2.73
247.5	6.41	4.77	4.37	3.96	3.14	3.14	2.73	2.59	2.32
270.0	10.37	7.78	5.73	4.64	4.09	3.82	3.27	2.86	2.73
292.5	6.28	4.64	4.37	3.82	3.55	3.00	2.73	2.59	2.46
315.0	9.69	6.96	5.32	4.50	4.09	3.82	3.27	2.86	2.73
337.5	5.73	4.50	4.23	3.96	3.41	3.14	2.73	2.59	2.46
360.0	5.18	4.37	4.23	3.82	3.27	3.00	2.73	2.59	2.32

SPKPL-RDLRE4Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

C/ $\gamma(^{\circ})$	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	2.18	2.05	1.91	1.77	1.64	1.50	1.50	1.50	1.50
22.5	2.46	2.32	2.05	1.91	1.77	1.64	1.64	1.64	1.50
45.0	2.05	1.91	1.77	1.77	1.64	1.64	1.50	1.50	1.50
67.5	2.46	2.18	2.18	1.91	1.91	1.64	1.64	1.50	1.50
90.0	2.05	2.05	1.91	1.77	1.64	1.50	1.50	1.50	1.36
112.5	2.46	2.32	2.18	1.91	1.91	1.64	1.64	1.64	1.50
135.0	2.18	2.05	1.91	1.64	1.64	1.50	1.50	1.50	1.36
157.5	2.46	2.18	2.05	1.91	1.91	1.64	1.64	1.50	1.50
180.0	2.46	2.32	2.18	2.05	1.91	1.77	1.64	1.50	1.50
202.5	2.18	2.05	2.05	1.77	1.64	1.50	1.50	1.50	1.36
225.0	2.46	2.32	2.18	2.05	1.91	1.77	1.64	1.64	1.50
247.5	2.18	2.05	2.05	1.77	1.77	1.50	1.64	1.50	1.36
270.0	2.46	2.32	2.18	2.05	1.91	1.77	1.64	1.64	1.50
292.5	2.18	2.05	1.91	1.91	1.77	1.50	1.50	1.50	1.50
315.0	2.46	2.46	2.18	1.91	1.77	1.77	1.64	1.64	1.50
337.5	2.18	2.05	1.91	1.77	1.77	1.50	1.50	1.50	1.50
360.0	2.18	2.05	1.91	1.77	1.64	1.50	1.50	1.50	1.50
C/ $\gamma(^{\circ})$	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1.36	1.36	1.23	1.23	1.23	1.09	1.09	0.95	0.95
22.5	1.50	1.36	1.36	1.36	1.23	1.23	1.23	1.09	0.95
45.0	1.36	1.36	1.23	1.23	1.09	1.09	1.09	0.95	0.95
67.5	1.50	1.50	1.36	1.36	1.36	1.23	1.23	1.09	1.09
90.0	1.36	1.36	1.36	1.23	1.23	1.09	1.09	1.09	0.95
112.5	1.50	1.50	1.36	1.36	1.23	1.23	1.23	1.09	1.09
135.0	1.36	1.36	1.36	1.23	1.23	1.09	1.09	0.95	0.95
157.5	1.50	1.36	1.36	1.36	1.23	1.23	1.23	1.23	1.09
180.0	1.50	1.50	1.36	1.36	1.23	1.23	1.09	1.09	1.09
202.5	1.36	1.36	1.23	1.23	1.23	1.09	1.09	1.09	0.95
225.0	1.50	1.50	1.36	1.36	1.23	1.23	1.23	1.09	1.09
247.5	1.36	1.36	1.23	1.23	1.23	1.09	1.09	0.95	0.95
270.0	1.50	1.50	1.36	1.23	1.23	1.23	1.09	1.09	1.09
292.5	1.36	1.36	1.36	1.23	1.23	1.09	1.09	1.09	0.95
315.0	1.50	1.50	1.36	1.36	1.36	1.23	1.23	1.09	1.09
337.5	1.36	1.36	1.36	1.23	1.23	1.23	1.09	1.09	1.09
360.0	1.36	1.36	1.23	1.23	1.23	1.09	1.09	0.95	0.95
C/ $\gamma(^{\circ})$	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.82	0.95	0.82	0.68	0.55	0.55	0.55	0.41	0.27
22.5	0.95	0.95	0.82	0.82	0.82	0.68	0.68	0.55	0.41
45.0	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.41	0.41
67.5	0.95	0.95	0.82	0.82	0.82	0.68	0.55	0.55	0.55
90.0	0.95	0.82	0.68	0.68	0.68	0.55	0.41	0.41	0.27
112.5	0.95	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.41
135.0	0.95	0.82	0.82	0.68	0.68	0.55	0.55	0.41	0.41
157.5	1.09	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.55
180.0	0.95	0.95	0.82	0.82	0.82	0.68	0.55	0.55	0.55
202.5	0.95	0.95	0.82	0.68	0.68	0.55	0.55	0.41	0.41
225.0	0.95	0.95	0.95	0.82	0.68	0.68	0.68	0.55	0.55
247.5	0.82	0.82	0.82	0.68	0.55	0.55	0.55	0.41	0.41
270.0	0.95	0.95	0.82	0.82	0.68	0.68	0.55	0.55	0.55
292.5	0.82	0.82	0.82	0.68	0.68	0.55	0.55	0.55	0.41
315.0	1.09	1.09	1.09	0.95	0.82	0.68	0.68	0.55	0.55
337.5	0.95	0.82	0.82	0.82	0.68	0.68	0.68	0.55	0.55
360.0	0.82	0.95	0.82	0.68	0.55	0.55	0.55	0.41	0.27

SPKPL-RDLRE4Q-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	0.27	0.27	0.14	0.14	0.14	0.14	0.00	0.00	0.00
22.5	0.27	0.27	0.27	0.27	0.14	0.14	0.00	0.00	0.00
45.0	0.41	0.27	0.27	0.14	0.14	0.00	0.00	0.00	0.00
67.5	0.41	0.41	0.27	0.14	0.14	0.14	0.14	0.00	0.00
90.0	0.27	0.27	0.14	0.14	0.14	0.00	0.00	0.00	0.00
112.5	0.41	0.41	0.27	0.27	0.27	0.14	0.14	0.00	0.00
135.0	0.41	0.27	0.27	0.14	0.00	0.14	0.00	0.00	0.00
157.5	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.00	0.00
180.0	0.41	0.41	0.27	0.27	0.14	0.14	0.14	0.00	0.00
202.5	0.41	0.27	0.27	0.14	0.14	0.00	0.00	0.00	0.00
225.0	0.41	0.41	0.41	0.27	0.27	0.14	0.14	0.14	0.00
247.5	0.27	0.27	0.14	0.14	0.14	0.00	0.00	0.00	0.00
270.0	0.41	0.41	0.41	0.27	0.14	0.14	0.14	0.00	0.00
292.5	0.27	0.27	0.27	0.14	0.14	0.14	0.14	0.00	0.00
315.0	0.55	0.41	0.41	0.41	0.27	0.27	0.27	0.14	0.00
337.5	0.41	0.41	0.27	0.27	0.14	0.14	0.00	0.00	0.00
360.0	0.27	0.27	0.14	0.14	0.14	0.14	0.00	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	0.00	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(°)	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-RDLRE4Q-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	0.00	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	0.00	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	0.14	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-RDLRE4Q-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	0.14	0.14	0.00	0.14	0.14
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
90.0	0.00	0.00	0.00	0.00	0.14	0.14	0.00	0.14	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	0.14	0.00	0.14
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14	0.14
270.0	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.14
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
337.5	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.14	0.14
360.0	0.00	0.00	0.00	0.00	0.14	0.14	0.00	0.14	0.14
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.00	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.14
157.5	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.00	0.00	0.14	0.14	0.00	0.00	0.14	0.14
202.5	0.00	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.00	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	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	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.00	0.14	0.14	0.14	0.00	0.14	0.14	0.14	0.14
360.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.27	0.27
22.5	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.27	0.27	0.14	0.27	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
90.0	0.14	0.14	0.14	0.27	0.14	0.27	0.14	0.14	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
135.0	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.27	0.27
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.27	0.27

SPKPL-RDLRE4Q-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	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.14	0.14
22.5	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.27	0.14	0.14	0.27	0.27	0.14	0.27	0.27	0.27
67.5	0.14	0.14	0.14	0.27	0.14	0.14	0.27	0.27	0.27
90.0	0.14	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27
112.5	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
157.5	0.27	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.14
180.0	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
202.5	0.27	0.27	0.14	0.27	0.14	0.14	0.14	0.27	0.14
225.0	0.14	0.14	0.14	0.27	0.14	0.27	0.27	0.27	0.14
247.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
270.0	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27	0.27
292.5	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
315.0	0.14	0.14	0.27	0.27	0.14	0.27	0.27	0.27	0.14
337.5	0.27	0.27	0.27	0.27	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	0.14	0.14
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.14	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27
22.5	0.14	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27
45.0	0.27	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27
67.5	0.27	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.27
90.0	0.27	0.27	0.27	0.27	0.27	0.27	0.14	0.27	0.27
112.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.27	0.14	0.14	0.27	0.14	0.27	0.14	0.27	0.27
157.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
180.0	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27	0.27
202.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
225.0	0.27	0.14	0.14	0.27	0.27	0.27	0.14	0.27	0.27
247.5	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
270.0	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
292.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
315.0	0.27	0.27	0.27	0.27	0.27	0.27	0.14	0.27	0.27
337.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
360.0	0.14	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27
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								