



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-RDLRE4R-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111406-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.064

Lamp flux(lm)

Power (W): 7.622

Number of Lamps: 1

PF: 0.990

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

#### Photometric Results

Lumens(lm): 420.58, Luminous Efficacy(lm/W): 55.18

Central intensity(cd): 674.57, Maximum intensity(cd): 676.79

Angle of maximum intensity: C=180.0  $\gamma$ =1.0

Beam Angle(50%Imax): [C0/180]Total=41.4

[C90/270]Total=41.1

Field angle(10%Imax): [C0/180]Total=73.3

[C90/270]Total=73.2

Maximum s/h(1/2): C0\_180=0.70 C90\_270=0.63

Maximum s/h(1/4): C0\_180=0.72 C90\_270=0.67

Up flux rate of LUM(%): 0.47%

Down flux rate of LUM(%): 99.53%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 95.877%

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

Date: 2024-11-14  
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	674.575	0.000	0.000	0.000%	0.000%
1.0	673.483	0.645	0.645	0.153%	0.153%
2.0	669.894	1.928	2.573	0.458%	0.612%
3.0	665.042	3.193	5.766	0.759%	1.371%
4.0	657.582	4.427	10.193	1.053%	2.424%
5.0	648.041	5.617	15.810	1.335%	3.759%
6.0	638.721	6.762	22.572	1.608%	5.367%
7.0	622.888	7.831	30.403	1.862%	7.229%
8.0	611.087	8.831	39.234	2.100%	9.329%
9.0	593.582	9.763	48.997	2.321%	11.650%
10.0	575.268	10.578	59.575	2.515%	14.165%
11.0	560.116	11.345	70.920	2.697%	16.863%
12.0	535.876	11.981	82.901	2.849%	19.711%
13.0	516.589	12.490	95.391	2.970%	22.681%
14.0	494.165	12.938	108.328	3.076%	25.757%
15.0	466.658	13.191	121.519	3.136%	28.893%
16.0	449.367	13.422	134.941	3.191%	32.085%
17.0	422.696	13.580	148.522	3.229%	35.314%
18.0	398.405	13.538	162.060	3.219%	38.533%
19.0	379.169	13.528	175.588	3.217%	41.749%
20.0	350.802	13.360	188.948	3.177%	44.926%
21.0	332.137	13.114	202.062	3.118%	48.044%
22.0	309.798	12.900	214.962	3.067%	51.111%
23.0	289.105	12.567	227.529	2.988%	54.099%
24.0	272.333	12.275	239.804	2.919%	57.018%
25.0	251.691	11.915	251.719	2.833%	59.851%
26.0	236.079	11.514	263.233	2.738%	62.589%
27.0	221.107	11.185	274.418	2.659%	65.248%
28.0	203.849	10.759	285.177	2.558%	67.806%
29.0	192.134	10.360	295.537	2.463%	70.269%
30.0	178.747	10.014	305.551	2.381%	72.650%
31.0	166.214	9.600	315.151	2.283%	74.933%
32.0	156.366	9.242	324.392	2.197%	77.130%
33.0	141.095	8.763	333.155	2.084%	79.214%
34.0	130.923	8.232	341.387	1.957%	81.171%
35.0	116.914	7.697	349.084	1.830%	83.001%
36.0	101.046	6.940	356.024	1.650%	84.651%
37.0	88.137	6.170	362.194	1.467%	86.118%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	68.603	5.232	367.426	1.244%	87.362%
39.0	55.882	4.249	371.675	1.010%	88.373%
40.0	44.482	3.500	375.176	0.832%	89.205%
41.0	34.293	2.805	377.981	0.667%	89.872%
42.0	29.101	2.303	380.284	0.548%	90.420%
43.0	25.664	2.029	382.313	0.482%	90.902%
44.0	23.951	1.873	384.185	0.445%	91.347%
45.0	21.367	1.742	385.927	0.414%	91.761%
46.0	18.767	1.570	387.496	0.373%	92.134%
47.0	17.343	1.436	388.933	0.341%	92.476%
48.0	16.840	1.382	390.314	0.329%	92.805%
49.0	15.492	1.328	391.642	0.316%	93.120%
50.0	14.640	1.256	392.898	0.299%	93.419%
51.0	13.736	1.201	394.099	0.285%	93.704%
52.0	13.054	1.150	395.249	0.273%	93.978%
53.0	12.423	1.108	396.357	0.264%	94.241%
54.0	11.741	1.065	397.422	0.253%	94.494%
55.0	11.306	1.029	398.451	0.245%	94.739%
56.0	10.811	0.999	399.450	0.238%	94.977%
57.0	10.470	0.973	400.423	0.231%	95.208%
58.0	10.198	0.956	401.379	0.227%	95.435%
59.0	9.874	0.938	402.317	0.223%	95.658%
60.0	9.643	0.922	403.239	0.219%	95.878%
61.0	9.371	0.907	404.147	0.216%	96.093%
62.0	9.081	0.889	405.036	0.211%	96.305%
63.0	8.910	0.875	405.911	0.208%	96.513%
64.0	8.578	0.858	406.769	0.204%	96.717%
65.0	8.313	0.836	407.605	0.199%	96.916%
66.0	8.040	0.816	408.421	0.194%	97.110%
67.0	7.674	0.790	409.211	0.188%	97.297%
68.0	7.452	0.766	409.977	0.182%	97.480%
69.0	7.162	0.746	410.723	0.177%	97.657%
70.0	6.830	0.719	411.441	0.171%	97.828%
71.0	6.565	0.692	412.133	0.165%	97.992%
72.0	6.156	0.661	412.795	0.157%	98.150%
73.0	5.900	0.630	413.425	0.150%	98.300%
74.0	5.542	0.602	414.027	0.143%	98.443%
75.0	5.210	0.568	414.595	0.135%	98.578%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.920	0.538	415.133	0.128%	98.706%
77.0	4.451	0.500	415.632	0.119%	98.824%
78.0	4.101	0.458	416.090	0.109%	98.933%
79.0	3.769	0.423	416.513	0.101%	99.034%
80.0	3.342	0.383	416.896	0.091%	99.125%
81.0	2.993	0.343	417.239	0.081%	99.206%
82.0	2.592	0.303	417.542	0.072%	99.278%
83.0	2.234	0.262	417.804	0.062%	99.341%
84.0	1.953	0.228	418.032	0.054%	99.395%
85.0	1.501	0.188	418.221	0.045%	99.440%
86.0	1.211	0.148	418.369	0.035%	99.475%
87.0	0.861	0.113	418.482	0.027%	99.502%
88.0	0.469	0.073	418.555	0.017%	99.519%
89.0	0.290	0.042	418.597	0.010%	99.529%
90.0	0.051	0.019	418.615	0.004%	99.534%
91.0	0.000	0.003	418.618	0.001%	99.534%
92.0	0.000	0.000	418.618	0.000%	99.534%
93.0	0.000	0.000	418.618	0.000%	99.534%
94.0	0.000	0.000	418.618	0.000%	99.534%
95.0	0.000	0.000	418.618	0.000%	99.534%
96.0	0.000	0.000	418.618	0.000%	99.534%
97.0	0.000	0.000	418.618	0.000%	99.534%
98.0	0.000	0.000	418.618	0.000%	99.534%
99.0	0.000	0.000	418.618	0.000%	99.534%
100.0	0.000	0.000	418.618	0.000%	99.534%
101.0	0.000	0.000	418.618	0.000%	99.534%
102.0	0.000	0.000	418.618	0.000%	99.534%
103.0	0.000	0.000	418.618	0.000%	99.534%
104.0	0.000	0.000	418.618	0.000%	99.534%
105.0	0.000	0.000	418.618	0.000%	99.534%
106.0	0.000	0.000	418.618	0.000%	99.534%
107.0	0.000	0.000	418.618	0.000%	99.534%
108.0	0.000	0.000	418.618	0.000%	99.534%
109.0	0.000	0.000	418.618	0.000%	99.534%
110.0	0.000	0.000	418.618	0.000%	99.534%
111.0	0.000	0.000	418.618	0.000%	99.534%
112.0	0.000	0.000	418.618	0.000%	99.534%
113.0	0.000	0.000	418.618	0.000%	99.534%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.017	0.001	418.619	0.000%	99.535%
115.0	0.000	0.001	418.620	0.000%	99.535%
116.0	0.009	0.000	418.620	0.000%	99.535%
117.0	0.026	0.002	418.622	0.000%	99.535%
118.0	0.026	0.002	418.625	0.001%	99.536%
119.0	0.034	0.003	418.627	0.001%	99.536%
120.0	0.026	0.003	418.630	0.001%	99.537%
121.0	0.111	0.006	418.637	0.002%	99.539%
122.0	0.102	0.010	418.647	0.002%	99.541%
123.0	0.119	0.010	418.657	0.002%	99.543%
124.0	0.128	0.011	418.668	0.003%	99.546%
125.0	0.136	0.012	418.680	0.003%	99.549%
126.0	0.162	0.013	418.693	0.003%	99.552%
127.0	0.171	0.015	418.708	0.003%	99.556%
128.0	0.171	0.015	418.723	0.004%	99.559%
129.0	0.205	0.016	418.739	0.004%	99.563%
130.0	0.256	0.019	418.759	0.005%	99.568%
131.0	0.264	0.022	418.780	0.005%	99.573%
132.0	0.307	0.023	418.804	0.006%	99.578%
133.0	0.307	0.025	418.829	0.006%	99.584%
134.0	0.358	0.026	418.855	0.006%	99.591%
135.0	0.367	0.028	418.883	0.007%	99.597%
136.0	0.409	0.030	418.913	0.007%	99.604%
137.0	0.435	0.032	418.945	0.008%	99.612%
138.0	0.452	0.033	418.978	0.008%	99.620%
139.0	0.495	0.034	419.012	0.008%	99.628%
140.0	0.546	0.037	419.049	0.009%	99.637%
141.0	0.588	0.040	419.089	0.009%	99.646%
142.0	0.639	0.042	419.131	0.010%	99.656%
143.0	0.674	0.044	419.175	0.010%	99.667%
144.0	0.708	0.045	419.220	0.011%	99.677%
145.0	0.759	0.047	419.266	0.011%	99.688%
146.0	0.793	0.048	419.314	0.011%	99.700%
147.0	0.819	0.049	419.363	0.012%	99.711%
148.0	0.887	0.050	419.413	0.012%	99.723%
149.0	0.904	0.051	419.465	0.012%	99.736%
150.0	0.972	0.052	419.517	0.012%	99.748%
151.0	0.989	0.053	419.570	0.013%	99.761%

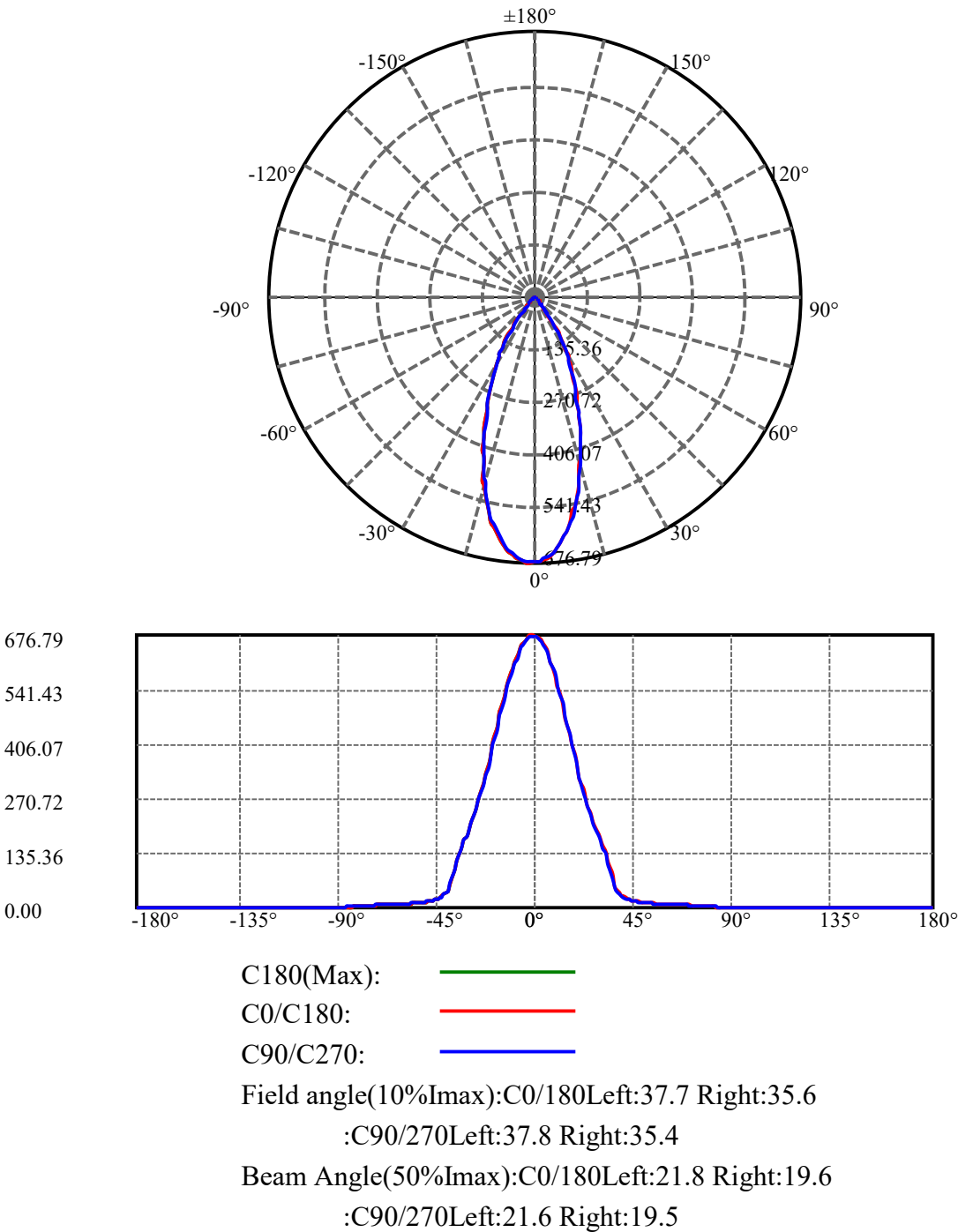
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	1.015	0.052	419.622	0.012%	99.773%
153.0	1.066	0.053	419.675	0.013%	99.786%
154.0	1.091	0.053	419.728	0.013%	99.798%
155.0	1.143	0.053	419.781	0.013%	99.811%
156.0	1.160	0.052	419.833	0.012%	99.823%
157.0	1.228	0.052	419.885	0.012%	99.836%
158.0	1.245	0.052	419.937	0.012%	99.848%
159.0	1.262	0.050	419.987	0.012%	99.860%
160.0	1.305	0.049	420.037	0.012%	99.872%
161.0	1.322	0.048	420.085	0.011%	99.883%
162.0	1.356	0.047	420.131	0.011%	99.894%
163.0	1.356	0.045	420.176	0.011%	99.905%
164.0	1.373	0.042	420.218	0.010%	99.915%
165.0	1.381	0.040	420.259	0.010%	99.924%
166.0	1.432	0.039	420.297	0.009%	99.934%
167.0	1.424	0.037	420.334	0.009%	99.942%
168.0	1.475	0.034	420.368	0.008%	99.950%
169.0	1.492	0.032	420.401	0.008%	99.958%
170.0	1.484	0.030	420.431	0.007%	99.965%
171.0	1.501	0.027	420.458	0.006%	99.972%
172.0	1.501	0.024	420.482	0.006%	99.977%
173.0	1.526	0.022	420.504	0.005%	99.983%
174.0	1.552	0.019	420.523	0.005%	99.987%
175.0	1.603	0.017	420.539	0.004%	99.991%
176.0	1.594	0.014	420.553	0.003%	99.994%
177.0	1.594	0.011	420.564	0.003%	99.997%
178.0	1.629	0.008	420.571	0.002%	99.999%
179.0	1.637	0.005	420.576	0.001%	100.000%
180.0	0.000	0.001	420.577	0.000%	100.000%

ZONAL LUMEN SUMMARY

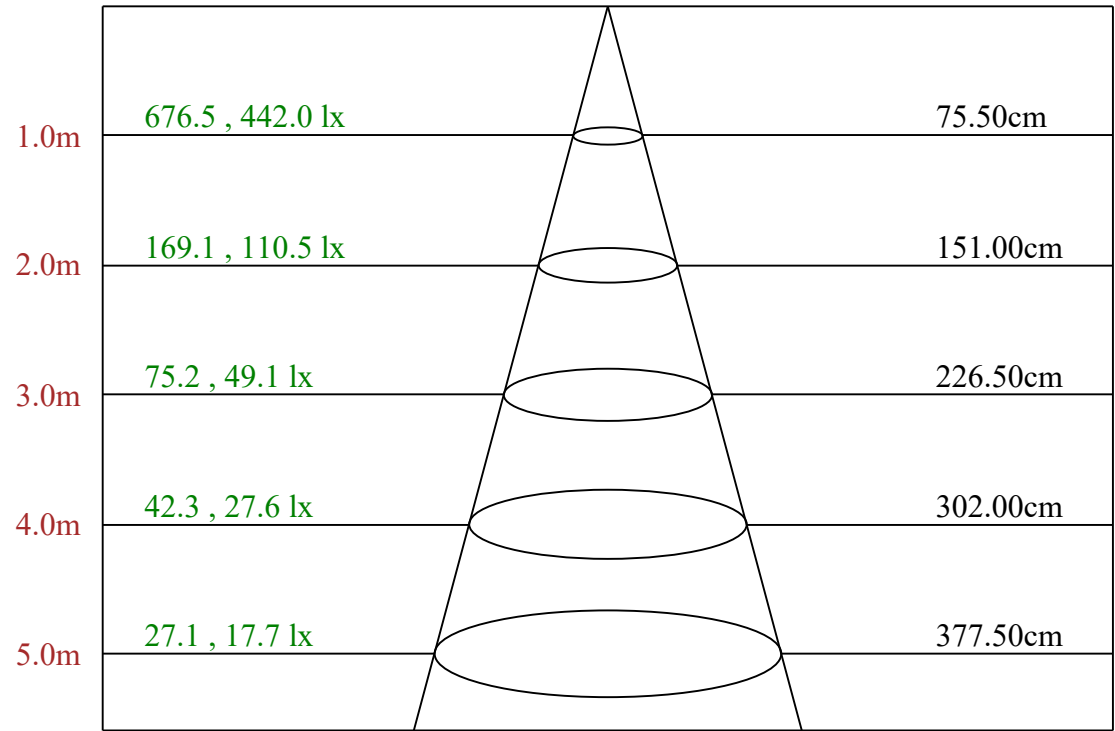
Zone	Lumens	%Fixt
0-30	305.55	72.65%
0-40	375.18	89.20%
0-60	403.24	95.88%
0-90	418.62	99.53%
0-120	418.63	99.54%
0-180	420.58	100.00%
60-90	15.38	3.66%
90-120	0.01	0.00%
90-130	0.14	0.03%
90-150	0.90	0.21%
90-180	1.96	0.47%
0-33.40	336.46	80.00%

ZONAL LUMEN SUMMARY

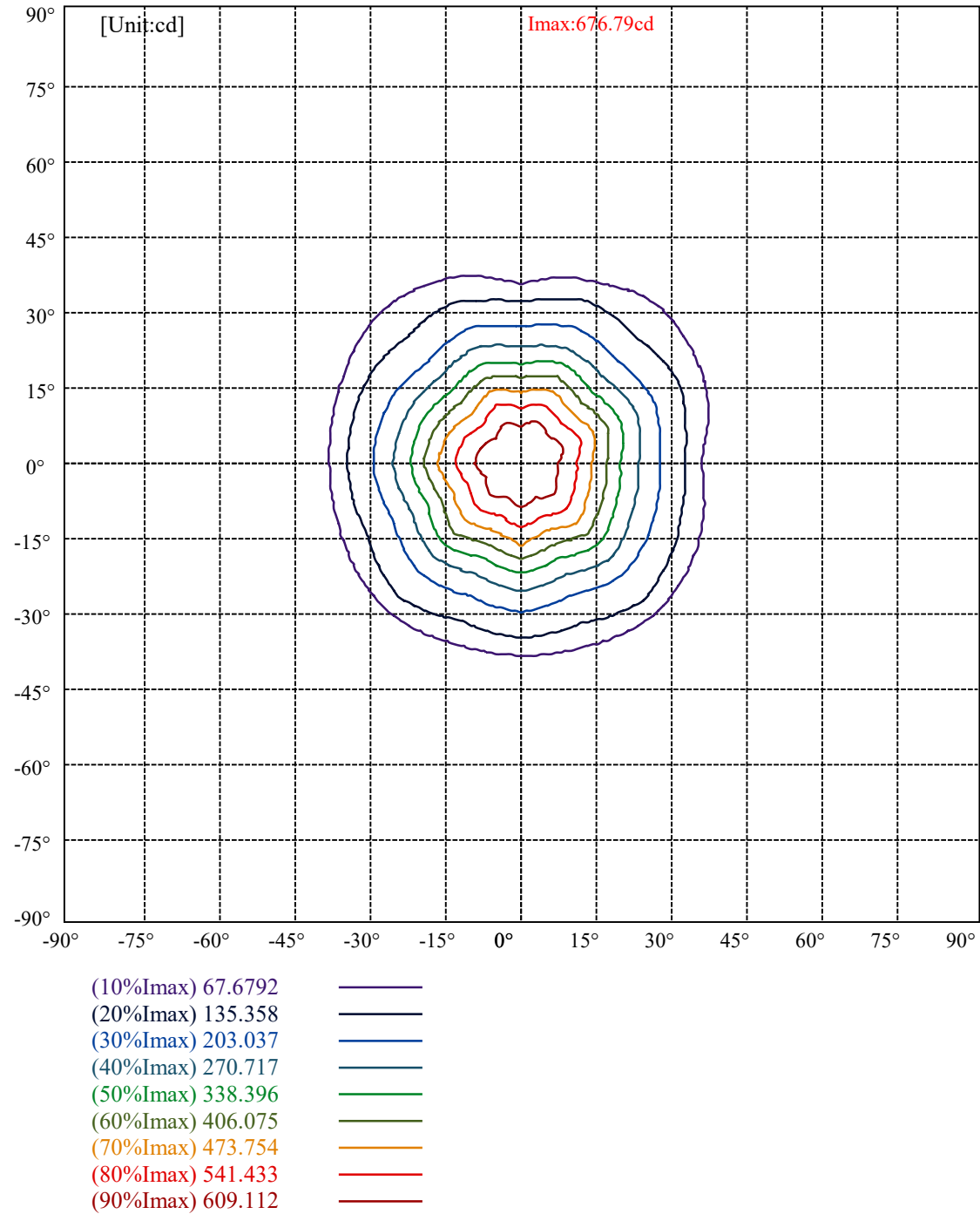
0-10	59.58
10-20	129.37
20-30	116.60
30-40	69.62
40-50	17.72
50-60	10.34
60-70	8.20
70-80	5.46
80-90	1.72
90-100	0.00
100-110	0.00
110-120	0.01
120-130	0.13
130-140	0.29
140-150	0.47
150-160	0.52
160-170	0.39
170-180	0.15

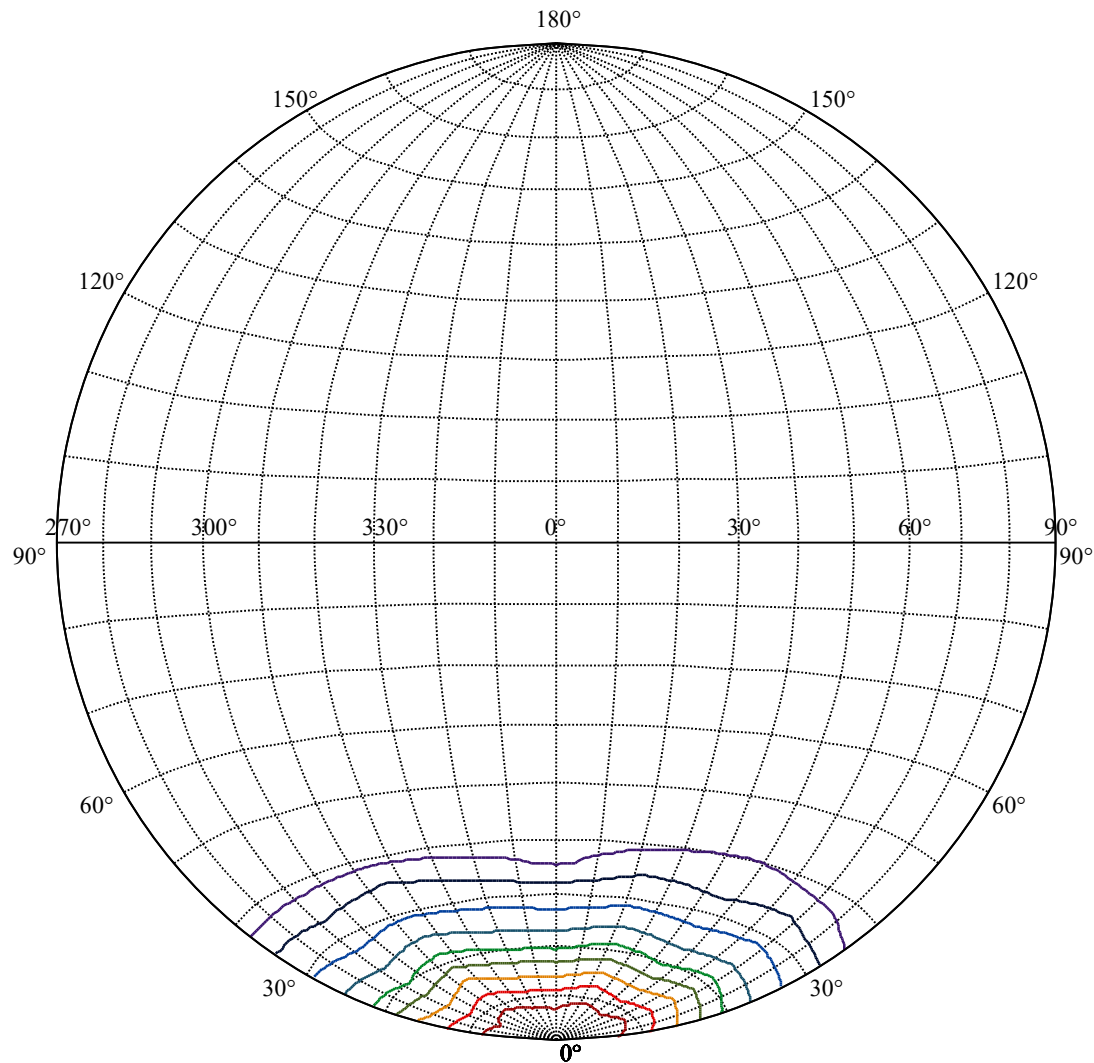






Max , Ave      Beam angle of C180 plane 41.36



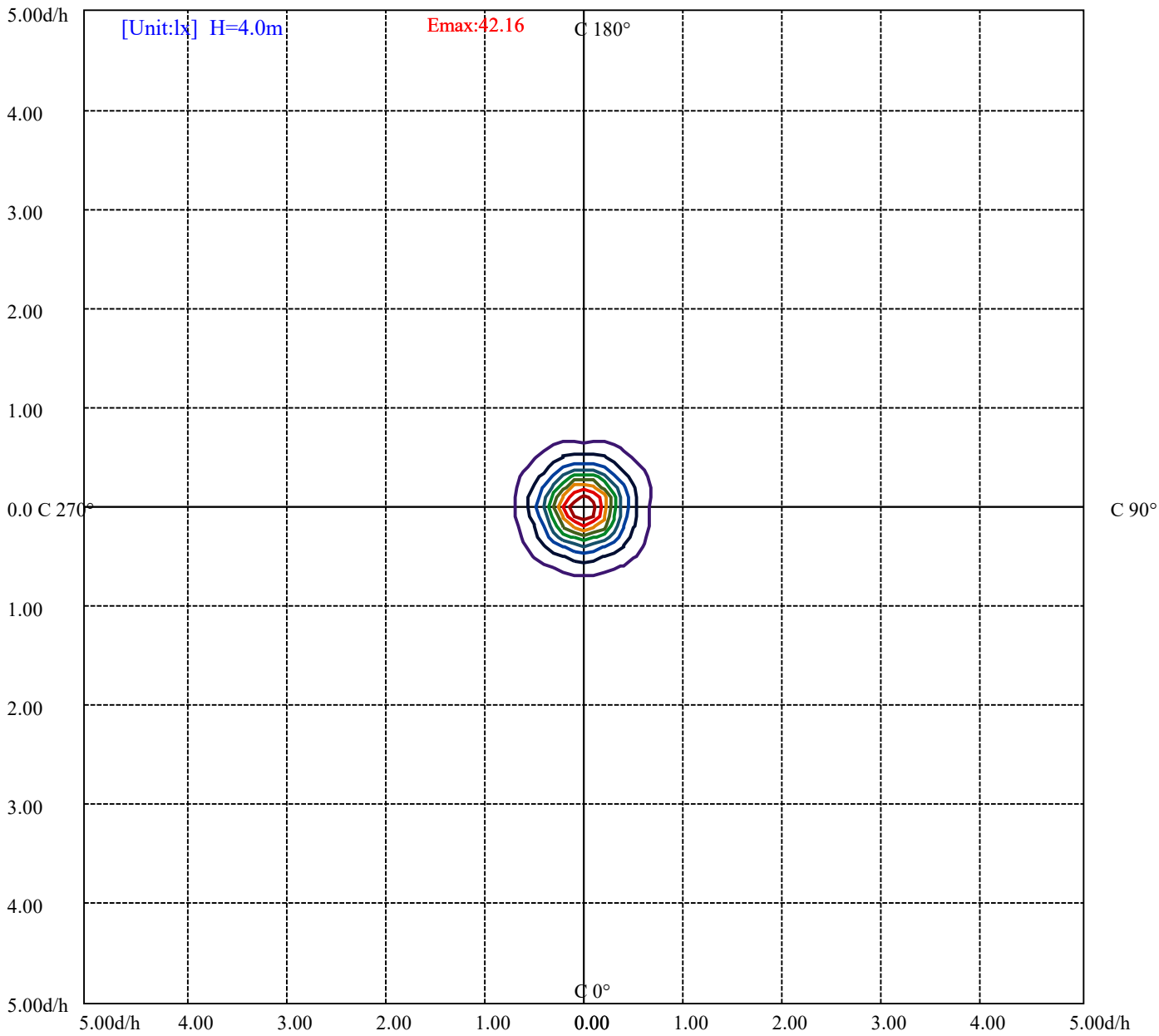


House

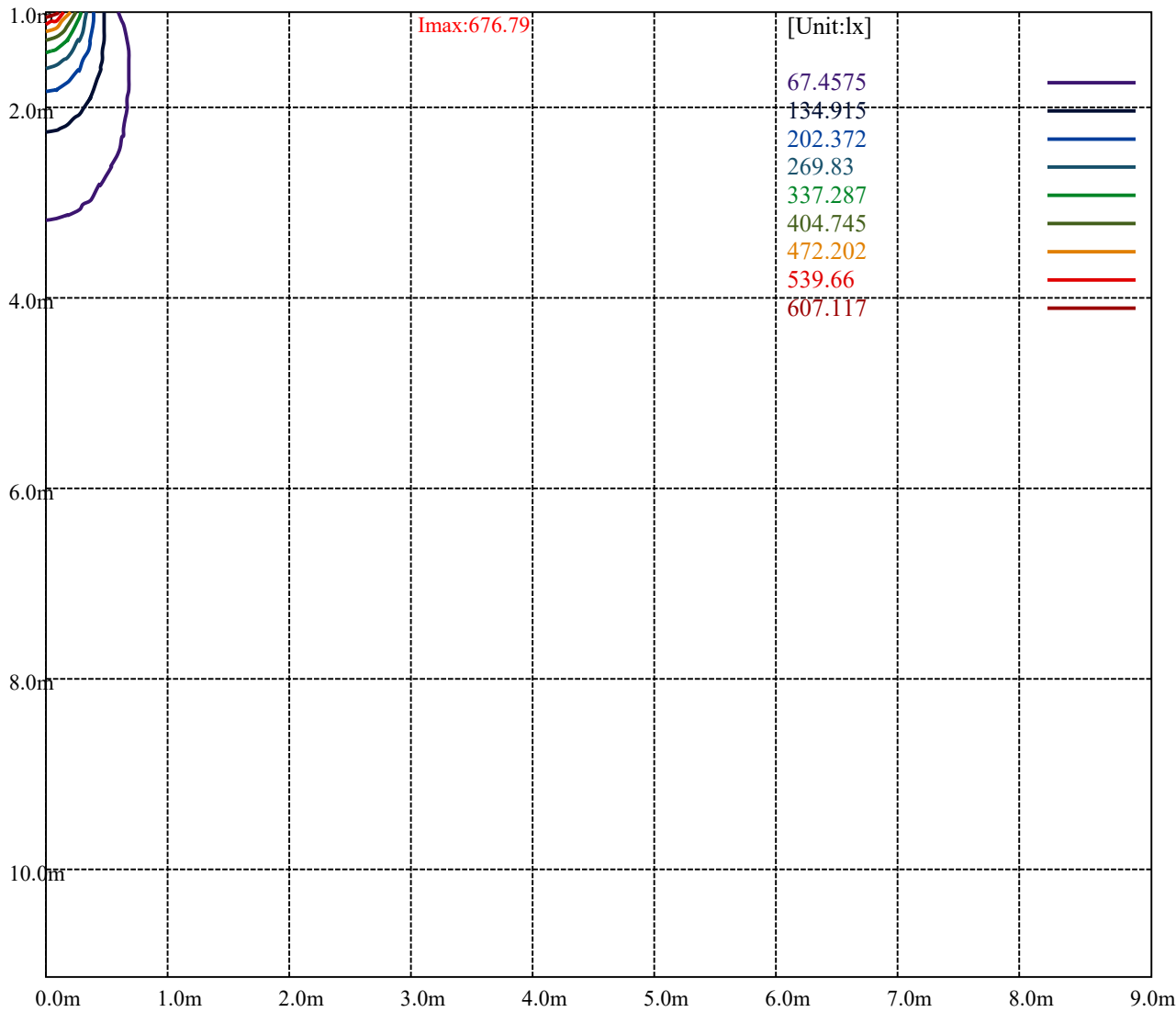
[Unit:cd]

Road

Imax:676.79	
(10%Imax) 67.6792	
(20%Imax) 135.358	
(30%Imax) 203.037	
(40%Imax) 270.717	
(50%Imax) 338.396	
(60%Imax) 406.075	
(70%Imax) 473.754	
(80%Imax) 541.433	
(90%Imax) 609.112	



(10%Emax)	4.216094	—
(20%Emax)	8.432187	—
(30%Emax)	12.64825	—
(40%Emax)	16.86437	—
(50%Emax)	21.08044	—
(60%Emax)	25.29656	—
(70%Emax)	29.51262	—
(80%Emax)	33.72875	—
(90%Emax)	37.94481	—



Luminance Table

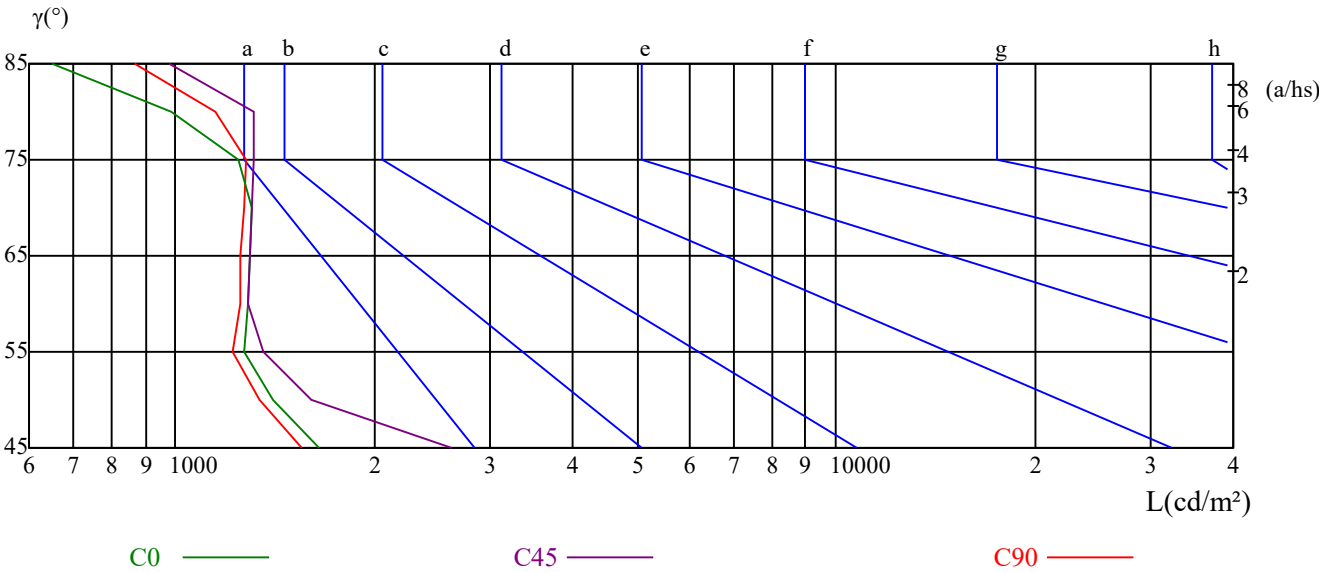
$\gamma$	45	50	55	60	65	70	75	80	85
C0	1648	1400	1272	1288	1300	1302	1245	982	652
C45	2613	1607	1354	1288	1300	1302	1318	1309	978
C90	1554	1341	1222	1251	1255	1274	1281	1146	870

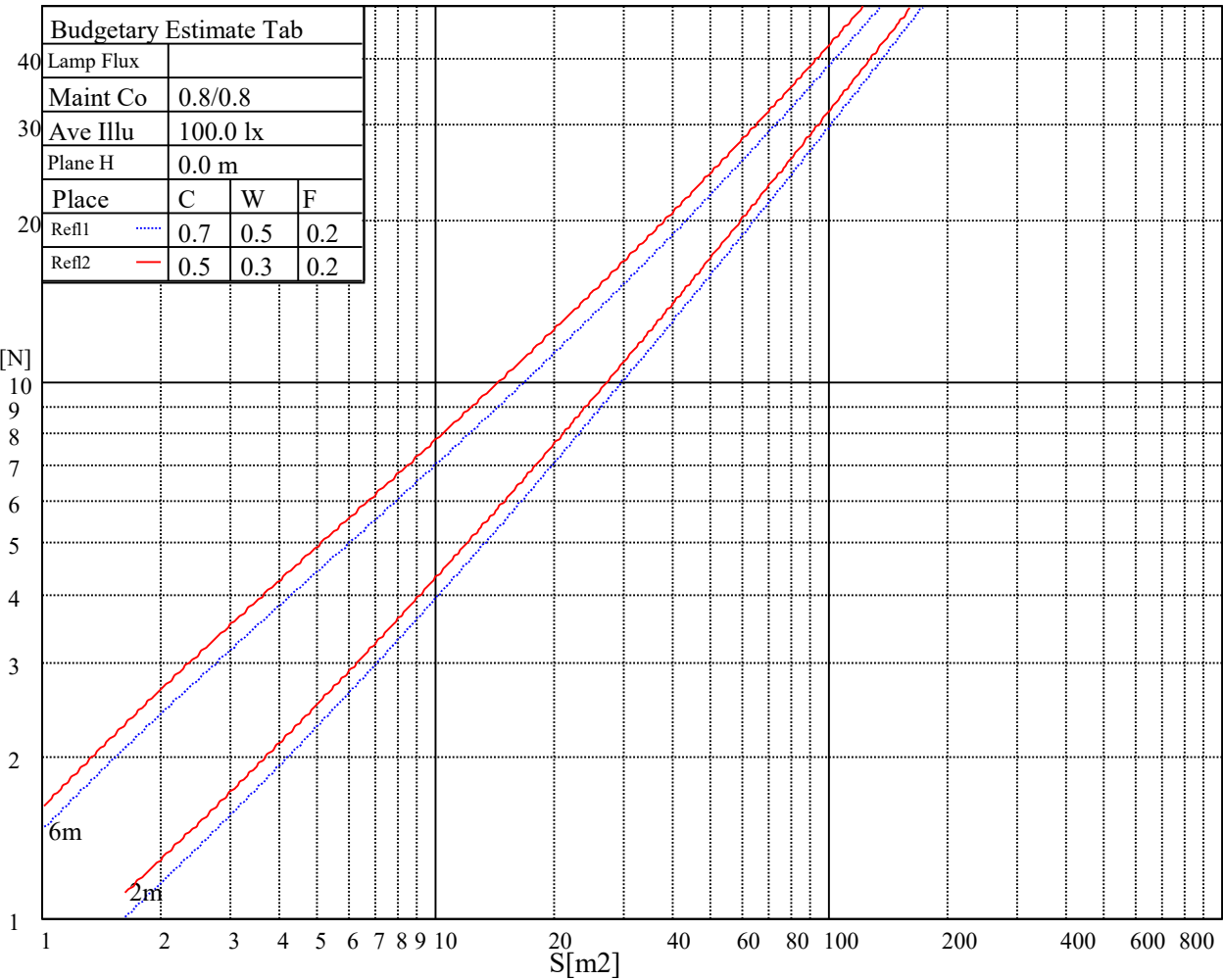
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1334	1323	1367	1318	1391	1409	870	1304	1277

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	1.03	1.04	1.02	1.00	1.00	0.98	0.97	0.96	0.95	0.94	0.92
2	1.02	0.98	0.95	1.01	0.97	0.94	0.97	0.94	0.91	0.94	0.92	0.89	0.91	0.89	0.87	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	0.86	0.84	0.81	0.80
4	0.89	0.84	0.80	0.88	0.83	0.79	0.86	0.82	0.78	0.84	0.80	0.77	0.82	0.79	0.76	0.75
5	0.84	0.78	0.74	0.83	0.78	0.73	0.81	0.76	0.73	0.79	0.75	0.72	0.78	0.74	0.71	0.70
6	0.79	0.73	0.69	0.78	0.73	0.69	0.77	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.66
7	0.75	0.69	0.65	0.74	0.68	0.64	0.73	0.68	0.64	0.72	0.67	0.64	0.70	0.66	0.63	0.62
8	0.71	0.65	0.61	0.70	0.65	0.61	0.69	0.64	0.60	0.68	0.64	0.60	0.67	0.63	0.60	0.59
9	0.67	0.61	0.58	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.56
10	0.64	0.58	0.55	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.53



## SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 17 Total:23

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	674.57	673.52	667.24	662.88	653.74	642.14	628.63	610.49	600.26
22.5	674.57	675.84	674.75	671.47	665.88	658.10	652.51	638.73	624.81
45.0	674.57	673.79	670.11	662.60	654.42	643.78	630.95	613.22	603.12
67.5	674.57	675.02	673.79	670.52	664.92	657.28	651.83	638.05	624.27
90.0	674.57	671.06	664.38	660.42	651.55	640.91	628.09	610.22	600.26
112.5	674.57	674.34	672.02	667.38	660.97	652.37	646.10	632.18	618.40
135.0	674.57	668.88	661.38	656.33	646.92	635.86	623.59	605.72	595.76
157.5	674.57	674.20	670.79	665.60	658.78	649.92	643.78	629.73	615.54
180.0	674.57	676.79	675.43	670.79	664.92	657.15	651.55	638.32	625.36
202.5	674.57	671.61	664.92	660.56	651.55	641.05	628.63	611.45	601.76
225.0	674.57	675.43	673.24	669.29	663.15	654.96	649.23	635.05	621.81
247.5	674.57	672.15	667.65	659.06	649.64	638.32	624.95	606.94	596.85
270.0	674.57	674.61	672.84	668.61	662.33	653.60	647.60	633.41	619.90
292.5	674.57	671.47	665.33	660.69	651.69	640.78	627.95	610.08	600.26
315.0	674.57	674.34	673.65	670.52	665.20	657.28	651.42	637.23	623.45
337.5	674.57	672.70	670.79	663.97	655.65	645.14	632.73	615.40	605.58
360.0	674.57	673.52	667.24	662.88	653.74	642.14	628.63	610.49	600.26
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	574.07	550.06	541.60	515.27	492.21	468.61	440.64	426.46	402.31
22.5	608.72	591.53	580.48	556.19	534.37	511.99	484.44	460.56	436.14
45.0	584.98	565.20	544.33	517.45	503.40	479.25	440.10	425.23	400.95
67.5	608.85	592.21	581.16	549.24	527.95	514.45	486.62	462.88	438.33
90.0	582.66	563.83	539.41	518.00	504.49	471.48	442.55	427.96	401.76
112.5	602.99	586.21	575.43	552.24	531.23	509.54	482.25	458.24	433.28
135.0	578.16	547.60	535.32	513.63	500.12	467.52	438.60	423.86	399.31
157.5	599.71	582.66	560.70	548.96	519.63	506.81	480.21	457.15	432.87
180.0	610.63	593.98	583.48	560.83	540.64	520.04	494.39	485.39	448.28
202.5	584.30	565.74	545.96	521.13	508.31	477.48	463.70	436.01	412.13
225.0	606.53	589.89	579.25	547.87	527.27	514.59	488.39	466.16	442.96
247.5	579.25	560.83	541.05	515.54	502.31	479.93	443.78	430.00	406.95
270.0	604.35	588.12	577.34	554.28	533.96	512.54	486.07	476.93	439.69
292.5	575.29	564.24	544.73	519.22	496.85	474.07	446.51	432.60	409.13
315.0	608.31	591.94	581.16	558.51	530.00	517.18	494.94	481.30	443.65
337.5	588.53	570.25	550.46	525.64	512.68	481.16	453.33	439.14	415.41
360.0	574.07	550.06	541.60	515.27	492.21	468.61	440.64	426.46	402.31
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	376.53	352.38	324.96	312.13	292.22	272.84	251.29	235.60	220.60
22.5	411.45	396.99	368.20	343.38	320.32	298.36	286.21	263.84	239.83
45.0	376.39	352.92	326.19	313.50	293.04	272.84	254.02	232.60	222.91
67.5	413.36	398.63	368.07	343.65	320.46	294.40	274.62	263.43	239.15
90.0	375.84	351.01	323.05	309.54	280.76	269.30	250.88	230.55	215.27
112.5	408.31	393.31	362.47	337.37	314.04	292.35	280.08	257.57	240.51
135.0	374.89	351.15	324.00	311.04	290.44	270.25	250.61	229.46	213.50
157.5	408.31	393.72	364.25	340.10	317.05	295.35	282.80	253.34	236.69
180.0	424.27	409.40	379.94	355.38	331.92	310.22	297.81	274.07	255.79
202.5	387.85	363.70	335.74	322.23	300.54	280.08	261.52	240.65	230.55
225.0	419.36	405.31	377.21	354.29	331.78	306.27	286.76	267.66	248.97
247.5	383.48	359.61	332.46	318.96	298.22	278.85	260.29	239.56	230.14
270.0	416.50	402.17	373.52	349.79	327.69	306.81	294.81	272.30	254.84
292.5	385.67	362.07	334.51	321.00	300.13	280.48	258.79	242.29	232.87
315.0	420.18	405.99	378.44	355.52	333.55	312.82	300.95	278.57	259.61
337.5	392.08	368.34	339.83	326.32	304.63	284.44	265.89	245.56	236.01
360.0	376.53	352.38	324.96	312.13	292.22	272.84	251.29	235.60	220.60

## SPKPL-RDLRE4R-RGBTW-WH

Appendix Page: 18 Total:23

## Intensity data(cd)

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	206.13	189.22	181.17	168.62	154.70	140.11	118.55	106.00	84.58
22.5	230.01	212.00	198.49	185.94	173.53	166.16	152.11	141.20	128.78
45.0	207.50	193.31	178.17	166.30	155.52	145.29	133.97	128.51	119.92
67.5	229.46	211.32	197.54	184.44	171.62	164.25	149.93	137.10	124.69
90.0	200.95	183.49	175.30	162.34	148.70	132.47	107.77	95.22	73.53
112.5	224.41	206.27	200.68	180.35	168.35	160.84	146.79	135.47	123.60
135.0	199.18	183.49	176.12	164.66	154.29	144.61	133.56	128.37	116.64
157.5	226.87	209.41	196.18	183.49	170.66	163.57	149.11	136.97	124.01
180.0	238.74	219.37	204.50	190.45	177.49	169.57	153.20	137.65	118.14
202.5	209.27	192.76	184.99	172.44	160.30	148.70	133.97	126.87	113.50
225.0	238.19	217.87	202.86	189.35	176.80	169.71	156.20	145.70	136.01
247.5	214.87	200.27	187.17	172.03	159.48	147.47	132.19	124.96	110.64
270.0	237.78	219.37	205.32	191.13	177.21	169.44	152.79	138.88	119.64
292.5	212.14	195.49	187.99	176.12	163.84	151.70	137.65	130.15	118.14
315.0	241.60	221.41	206.54	193.31	180.76	173.53	160.02	149.79	140.24
337.5	220.60	206.54	191.13	178.99	166.16	154.43	139.70	131.92	118.55
360.0	206.13	189.22	181.17	168.62	154.70	140.11	118.55	106.00	84.58
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	54.98	46.93	37.11	30.97	27.42	24.01	22.51	20.05	18.28
22.5	116.23	107.50	87.86	70.80	55.39	41.20	33.29	28.10	24.83
45.0	111.05	102.45	92.09	86.76	75.03	45.43	35.06	29.60	35.20
67.5	108.32	97.54	68.48	53.48	45.43	35.06	29.60	26.06	23.46
90.0	56.21	41.20	33.97	30.97	26.19	23.06	21.42	19.24	17.46
112.5	109.41	99.45	79.12	62.62	48.70	36.83	30.83	26.88	24.01
135.0	106.14	102.59	92.63	87.45	58.12	45.43	34.92	29.88	33.70
157.5	104.09	96.45	75.17	58.12	45.43	34.92	29.88	26.33	23.74
180.0	95.77	83.35	60.30	42.29	37.38	31.79	29.47	25.92	22.10
202.5	98.09	81.17	61.66	53.20	38.20	30.70	28.24	25.10	22.65
225.0	127.01	93.45	76.12	56.34	48.16	38.20	28.92	26.60	23.87
247.5	93.45	76.12	56.34	48.16	38.20	28.92	26.60	23.87	21.55
270.0	98.77	84.99	62.07	42.70	37.65	31.65	27.28	24.56	22.10
292.5	102.86	85.95	65.62	51.16	40.24	31.79	28.92	25.65	23.06
315.0	131.37	126.33	84.72	64.39	51.16	39.02	30.70	27.97	24.83
337.5	103.00	84.72	64.39	54.71	39.02	30.70	27.97	24.83	22.37
360.0	54.98	46.93	37.11	30.97	27.42	24.01	22.51	20.05	18.28
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	16.78	15.55	15.14	14.05	13.78	12.96	12.28	11.60	11.05
22.5	23.33	20.60	18.69	17.05	15.69	15.01	14.19	13.23	12.96
45.0	26.60	20.60	18.96	17.33	16.10	14.87	13.64	13.23	12.55
67.5	22.10	19.51	17.73	16.23	14.87	14.05	13.64	12.82	12.41
90.0	15.82	14.87	14.32	13.64	12.96	12.41	11.73	11.19	10.78
112.5	22.51	19.92	17.87	16.37	15.01	14.46	13.64	12.82	12.41
135.0	25.78	20.46	19.10	17.46	16.10	14.60	13.64	13.10	12.14
157.5	22.24	19.64	17.73	15.96	15.14	14.46	13.51	12.82	12.41
180.0	20.74	18.28	16.37	15.55	14.60	14.19	13.37	12.69	12.14
202.5	20.46	18.28	17.33	15.55	14.73	14.05	13.23	12.96	12.01
225.0	21.55	19.51	17.60	22.37	18.83	17.33	16.10	14.87	14.05
247.5	19.51	17.60	16.78	15.55	14.73	13.92	13.23	12.82	12.01
270.0	20.74	18.42	16.92	15.82	15.01	14.46	13.64	12.96	12.28
292.5	21.01	18.55	17.60	16.23	15.14	14.46	13.51	13.23	12.41
315.0	22.37	20.33	18.14	24.28	20.19	18.69	16.92	15.28	14.60
337.5	20.33	18.14	17.19	15.96	15.01	14.32	13.51	13.23	12.55
360.0	16.78	15.55	15.14	14.05	13.78	12.96	12.28	11.60	11.05

## SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	10.64	10.50	10.10	9.96	9.69	9.41	9.28	9.00	8.59
22.5	12.28	11.60	11.05	10.64	10.37	10.10	9.82	9.55	9.28
45.0	11.87	11.19	10.78	10.23	9.82	9.55	9.28	9.00	8.73
67.5	11.73	11.19	10.78	10.37	10.23	9.82	9.55	9.41	9.14
90.0	10.23	10.10	9.82	9.69	9.41	9.14	9.00	8.73	8.32
112.5	11.73	11.60	10.78	10.37	10.10	9.82	9.55	9.41	9.14
135.0	11.46	11.19	10.64	10.23	9.82	9.41	9.28	9.00	8.59
157.5	11.73	11.19	10.78	10.37	10.10	9.96	9.69	9.41	9.14
180.0	11.46	10.91	10.50	10.23	10.10	9.82	9.69	9.28	9.00
202.5	11.32	11.19	10.64	10.37	10.10	9.69	9.55	9.28	9.14
225.0	13.10	12.41	11.87	11.32	11.05	10.50	10.10	9.82	9.41
247.5	11.60	11.19	10.64	10.37	10.23	9.82	9.69	9.41	9.14
270.0	11.60	11.19	10.78	10.50	10.37	10.10	9.82	9.55	9.28
292.5	11.60	11.32	10.91	10.64	10.23	10.10	9.82	9.55	9.41
315.0	13.51	12.82	12.14	11.73	11.32	10.78	10.37	9.96	9.69
337.5	12.01	11.32	10.78	10.50	10.23	9.96	9.82	9.55	9.28
360.0	10.64	10.50	10.10	9.96	9.69	9.41	9.28	9.00	8.59
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.46	8.19	7.91	7.64	7.23	6.96	6.68	6.41	6.00
22.5	9.14	8.87	8.46	8.32	7.91	7.64	7.50	7.09	6.96
45.0	8.46	8.19	7.91	7.64	7.23	7.09	6.82	6.41	6.14
67.5	9.00	8.59	8.32	8.19	7.78	7.50	7.23	6.96	6.68
90.0	8.19	7.91	7.64	7.23	6.96	6.82	6.55	6.28	5.87
112.5	8.87	8.59	8.32	8.19	7.78	7.50	7.23	6.96	6.68
135.0	8.46	8.05	7.91	7.50	7.09	6.96	6.68	6.28	6.14
157.5	9.00	8.73	8.46	8.19	7.78	7.50	7.23	6.82	6.68
180.0	9.00	8.59	8.32	8.05	7.78	7.64	7.09	6.82	6.68
202.5	8.87	8.59	8.32	7.91	7.78	7.37	7.09	6.68	6.41
225.0	9.28	8.87	8.59	8.46	8.05	7.78	7.50	7.09	6.96
247.5	9.00	8.59	8.46	8.05	7.64	7.50	7.23	6.96	6.55
270.0	9.14	8.87	8.46	8.32	8.05	7.78	7.37	7.09	6.82
292.5	9.14	8.73	8.46	8.19	7.78	7.64	7.37	7.09	6.68
315.0	9.55	9.14	8.87	8.59	8.19	7.91	7.64	7.37	7.23
337.5	9.00	8.73	8.59	8.19	7.78	7.64	7.37	6.96	6.55
360.0	8.46	8.19	7.91	7.64	7.23	6.96	6.68	6.41	6.00
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.59	5.46	4.77	4.64	4.09	3.82	3.41	3.00	2.46
22.5	6.41	6.14	5.73	5.32	5.18	4.50	4.09	3.82	3.41
45.0	5.73	5.59	5.18	4.91	4.50	4.09	3.96	3.68	3.27
67.5	6.41	6.14	5.73	5.32	5.32	4.77	4.37	4.09	3.68
90.0	5.59	5.32	5.05	4.77	4.50	4.09	3.68	3.27	2.86
112.5	6.41	6.00	5.73	5.32	5.18	4.77	4.23	4.09	3.68
135.0	5.59	5.46	5.18	4.64	4.37	3.82	3.41	3.00	2.59
157.5	6.28	5.87	5.46	5.18	5.05	4.37	3.96	3.82	3.27
180.0	6.28	5.87	5.46	5.18	4.91	4.50	4.09	3.68	3.27
202.5	5.87	5.59	5.32	4.91	4.50	3.96	3.82	3.27	2.86
225.0	6.55	6.28	6.00	5.59	5.18	4.91	4.50	4.37	3.82
247.5	6.14	5.87	5.59	5.32	4.91	4.50	4.23	3.96	3.55
270.0	6.55	6.28	6.00	5.59	5.46	4.91	4.64	4.23	3.96
292.5	6.28	6.14	5.73	5.46	5.05	4.64	4.37	3.96	3.41
315.0	6.68	6.41	6.14	5.87	5.59	5.18	4.64	4.37	3.96
337.5	6.14	6.00	5.59	5.32	4.91	4.37	4.23	3.68	3.41
360.0	5.59	5.46	4.77	4.64	4.09	3.82	3.41	3.00	2.46

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

Date: 2024-11-14  
Humidity(%): 59.0%

Operator: Liao  
Distance(m): 11.68

## SPKPL-RDLRE4R-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	2.18	1.77	1.50	1.09	0.82	0.68	0.27	0.00	0.00
22.5	3.00	2.59	2.32	2.05	1.77	1.36	1.09	0.68	0.41
45.0	2.73	2.32	2.05	1.64	1.23	0.95	0.55	0.14	0.00
67.5	3.41	3.00	2.59	2.46	1.91	1.64	1.23	0.82	0.55
90.0	2.73	2.46	2.05	1.64	1.09	0.95	0.55	0.00	0.00
112.5	3.41	2.86	2.46	2.32	1.77	1.36	1.09	0.55	0.41
135.0	2.46	2.05	1.77	1.36	0.95	0.68	0.41	0.00	0.00
157.5	2.86	2.46	2.05	1.91	1.36	1.09	0.82	0.41	0.27
180.0	2.86	2.32	1.91	1.64	1.36	1.09	0.82	0.55	0.41
202.5	2.59	2.32	1.91	1.64	1.23	0.95	0.55	0.27	0.00
225.0	3.55	3.14	2.73	2.59	2.05	1.50	1.23	0.95	0.68
247.5	3.14	2.59	2.32	1.91	1.36	1.23	0.82	0.41	0.00
270.0	3.55	3.14	2.86	2.59	2.18	1.77	1.36	0.95	0.82
292.5	3.14	2.86	2.46	2.05	1.50	1.23	0.82	0.41	0.14
315.0	3.41	3.14	2.73	2.59	2.18	1.77	1.36	0.95	0.82
337.5	2.86	2.46	2.05	1.77	1.23	1.09	0.82	0.41	0.14
360.0	2.18	1.77	1.50	1.09	0.82	0.68	0.27	0.00	0.00
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	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	0.27	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	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Equipment: GMS-1800  
Temperature(°C): 25.0Date: 2024-11-14  
Humidity(%): 59.0%Operator: Liao  
Distance(m): 11.68

## SPKPL-RDLRE4R-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	0.14	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	0.14
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	0.14	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	0.14	0.14	0.14	0.14
22.5	0.00	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.00	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14
90.0	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14
135.0	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.00	0.00	0.00	0.14	0.14	0.00	0.14	0.14
180.0	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
202.5	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
247.5	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14
270.0	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
292.5	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.14	0.14
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
337.5	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14
360.0	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
22.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.14	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
67.5	0.27	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41
90.0	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
112.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41
135.0	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
157.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.41
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
202.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41
225.0	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
247.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.41
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
292.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
315.0	0.00	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
337.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41
360.0	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41

## SPKPL-RDLRE4R-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	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68	0.68
22.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.68	0.68
45.0	0.41	0.55	0.55	0.55	0.55	0.55	0.68	0.68	0.68
67.5	0.27	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68
90.0	0.41	0.41	0.55	0.55	0.55	0.68	0.68	0.68	0.82
112.5	0.41	0.41	0.41	0.41	0.55	0.68	0.68	0.68	0.68
135.0	0.41	0.55	0.41	0.55	0.55	0.68	0.68	0.68	0.82
157.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.68	0.68
180.0	0.27	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.68
202.5	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.68	0.68
225.0	0.27	0.27	0.41	0.41	0.41	0.41	0.55	0.55	0.55
247.5	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.68	0.68
270.0	0.27	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.68
292.5	0.27	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68
315.0	0.41	0.27	0.41	0.41	0.41	0.41	0.55	0.55	0.55
337.5	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.68	0.55
360.0	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68	0.68
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.82	0.82	0.82	0.82	0.95	0.95	1.09	0.95	1.09
22.5	0.68	0.82	0.82	0.82	0.95	0.95	0.95	0.95	1.09
45.0	0.82	0.82	0.82	0.95	0.95	0.95	1.09	1.09	1.09
67.5	0.68	0.82	0.82	0.82	0.82	0.95	0.95	1.09	0.95
90.0	0.82	0.95	0.82	0.82	0.95	0.95	1.09	1.09	1.09
112.5	0.68	0.82	0.82	0.82	0.95	0.95	0.95	0.95	1.09
135.0	0.82	0.82	0.82	0.82	0.95	0.95	1.09	1.09	1.09
157.5	0.68	0.68	0.82	0.82	0.95	0.82	0.95	0.95	1.09
180.0	0.68	0.82	0.68	0.82	0.82	0.82	0.95	0.95	0.95
202.5	0.68	0.68	0.82	0.82	0.82	0.95	0.95	0.95	0.95
225.0	0.55	0.55	0.82	0.82	0.82	0.82	0.82	0.95	0.95
247.5	0.82	0.68	0.82	0.82	0.95	0.95	0.95	0.95	0.95
270.0	0.68	0.68	0.68	0.82	0.82	0.82	0.82	0.95	0.95
292.5	0.68	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.95
315.0	0.55	0.68	0.68	0.68	0.82	0.68	0.95	0.95	0.95
337.5	0.68	0.68	0.82	0.82	0.82	0.95	0.95	0.95	0.95
360.0	0.82	0.82	0.82	0.82	0.95	0.95	1.09	0.95	1.09
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	1.23	1.09	1.23	1.23	1.36	1.23	1.36	1.36	1.36
22.5	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.23
45.0	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.36	1.36
67.5	1.09	1.09	1.09	1.23	1.23	1.23	1.36	1.23	1.36
90.0	1.09	1.23	1.23	1.23	1.36	1.36	1.36	1.36	1.36
112.5	1.09	1.23	1.23	1.23	1.23	1.23	1.23	1.36	1.36
135.0	1.09	1.09	1.23	1.23	1.36	1.23	1.36	1.36	1.36
157.5	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.36	1.36
180.0	1.09	1.09	1.09	1.09	1.09	1.23	1.23	1.36	1.23
202.5	1.09	1.09	1.09	1.09	1.23	1.36	1.23	1.23	1.23
225.0	0.95	0.95	1.09	1.09	1.09	1.23	1.23	1.23	1.23
247.5	0.95	1.09	1.09	1.09	1.23	1.23	1.23	1.36	1.36
270.0	0.95	1.09	1.09	1.09	1.23	1.23	1.23	1.36	1.36
292.5	1.09	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.36
315.0	0.95	0.95	1.09	1.09	1.09	1.23	1.23	1.23	1.23
337.5	1.09	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.36
360.0	1.23	1.09	1.23	1.23	1.36	1.23	1.36	1.36	1.36

## SPKPL-RDLRE4R-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	1.36	1.36	1.36	1.36	1.36	1.50	1.50	1.50	1.50
22.5	1.36	1.23	1.36	1.36	1.36	1.36	1.36	1.50	1.50
45.0	1.36	1.36	1.36	1.50	1.50	1.50	1.50	1.50	1.50
67.5	1.36	1.36	1.36	1.36	1.50	1.36	1.50	1.50	1.50
90.0	1.36	1.50	1.36	1.50	1.50	1.50	1.50	1.50	1.50
112.5	1.36	1.36	1.36	1.36	1.50	1.36	1.50	1.50	1.50
135.0	1.36	1.36	1.50	1.36	1.50	1.50	1.50	1.50	1.50
157.5	1.36	1.36	1.36	1.36	1.50	1.50	1.50	1.50	1.50
180.0	1.36	1.36	1.36	1.36	1.36	1.36	1.50	1.50	1.50
202.5	1.36	1.36	1.36	1.36	1.50	1.50	1.50	1.50	1.36
225.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.50	1.50
247.5	1.36	1.36	1.36	1.36	1.36	1.50	1.50	1.50	1.50
270.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.50	1.50
292.5	1.36	1.36	1.36	1.36	1.36	1.36	1.50	1.50	1.50
315.0	1.23	1.23	1.36	1.36	1.36	1.36	1.50	1.36	1.36
337.5	1.36	1.36	1.36	1.36	1.50	1.36	1.50	1.50	1.50
360.0	1.36	1.36	1.36	1.36	1.36	1.50	1.50	1.50	1.50
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.50	1.50	1.50	1.50	1.50	1.64	1.64	1.64	1.64
22.5	1.50	1.50	1.50	1.50	1.64	1.50	1.64	1.64	1.64
45.0	1.50	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.64
67.5	1.50	1.50	1.50	1.64	1.50	1.50	1.64	1.64	1.64
90.0	1.50	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.64
112.5	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	1.64
135.0	1.50	1.50	1.50	1.64	1.64	1.64	1.50	1.64	1.64
157.5	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	1.64
180.0	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.64	1.64
202.5	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.64	1.64
225.0	1.50	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.64
247.5	1.50	1.50	1.64	1.64	1.64	1.64	1.50	1.64	1.64
270.0	1.50	1.50	1.50	1.64	1.64	1.64	1.64	1.50	1.64
292.5	1.50	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64
315.0	1.50	1.50	1.50	1.50	1.64	1.50	1.50	1.64	1.64
337.5	1.50	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64
360.0	1.50	1.50	1.50	1.50	1.50	1.64	1.64	1.64	1.64
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								