



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: BST24111312-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.065

Lamp flux(lm)

Power (W): 7.839

Number of Lamps: 1

PF: 0.992

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 446.92, Luminous Efficacy(lm/W): 57.01

Central intensity(cd): 709.48, Maximum intensity(cd): 712.53

Angle of maximum intensity: C=180.0 γ =1.0

Beam Angle(50%Imax): [C0/180]Total=40.6

[C90/270]Total=40.1

Field angle(10%Imax): [C0/180]Total=82.8

[C90/270]Total=82.8

Maximum s/h(1/2): C0_180=0.70 C90_270=0.61

Maximum s/h(1/4): C0_180=0.73 C90_270=0.67

Up flux rate of LUM(%): 0.46%

Down flux rate of LUM(%): 99.54%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.032%

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	709.482	0.000	0.000	0.000%	0.000%
1.0	708.552	0.679	0.679	0.152%	0.152%
2.0	705.031	2.029	2.707	0.454%	0.606%
3.0	698.585	3.357	6.064	0.751%	1.357%
4.0	692.463	4.656	10.721	1.042%	2.399%
5.0	684.516	5.924	16.644	1.325%	3.724%
6.0	672.008	7.129	23.773	1.595%	5.319%
7.0	658.161	8.256	32.030	1.847%	7.167%
8.0	640.316	9.293	41.323	2.079%	9.246%
9.0	626.341	10.266	51.588	2.297%	11.543%
10.0	608.700	11.177	62.765	2.501%	14.044%
11.0	585.107	11.929	74.693	2.669%	16.713%
12.0	562.777	12.548	87.241	2.808%	19.520%
13.0	538.093	13.065	100.306	2.923%	22.444%
14.0	513.375	13.459	113.765	3.011%	25.455%
15.0	487.199	13.736	127.501	3.074%	28.529%
16.0	455.378	13.811	141.312	3.090%	31.619%
17.0	433.329	13.840	155.152	3.097%	34.716%
18.0	412.269	13.942	169.094	3.120%	37.835%
19.0	384.063	13.855	182.948	3.100%	40.935%
20.0	359.601	13.611	196.560	3.046%	43.981%
21.0	334.107	13.321	209.880	2.981%	46.961%
22.0	316.005	13.064	222.944	2.923%	49.884%
23.0	298.774	12.900	235.844	2.886%	52.771%
24.0	276.775	12.584	248.428	2.816%	55.586%
25.0	256.807	12.132	260.560	2.715%	58.301%
26.0	240.828	11.747	272.307	2.628%	60.929%
27.0	224.577	11.386	283.693	2.548%	63.477%
28.0	210.841	11.024	294.717	2.467%	65.944%
29.0	193.873	10.588	305.306	2.369%	68.313%
30.0	183.454	10.188	315.493	2.280%	70.592%
31.0	173.725	9.940	325.433	2.224%	72.817%
32.0	160.748	9.582	335.015	2.144%	74.961%
33.0	149.843	9.150	344.165	2.047%	77.008%
34.0	138.827	8.736	352.901	1.955%	78.963%
35.0	131.221	8.387	361.288	1.877%	80.839%
36.0	122.951	8.093	369.381	1.811%	82.650%
37.0	113.077	7.698	377.079	1.722%	84.372%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	104.500	7.262	384.341	1.625%	85.997%
39.0	95.990	6.843	391.185	1.531%	87.529%
40.0	87.404	6.396	397.581	1.431%	88.960%
41.0	76.439	5.834	403.415	1.305%	90.265%
42.0	56.462	4.829	408.244	1.080%	91.346%
43.0	47.961	3.868	412.112	0.866%	92.211%
44.0	33.040	3.057	415.169	0.684%	92.895%
45.0	27.532	2.328	417.497	0.521%	93.416%
46.0	22.646	1.962	419.459	0.439%	93.855%
47.0	19.236	1.666	421.125	0.373%	94.228%
48.0	17.377	1.480	422.605	0.331%	94.559%
49.0	15.808	1.363	423.968	0.305%	94.864%
50.0	13.881	1.238	425.206	0.277%	95.141%
51.0	12.321	1.109	426.314	0.248%	95.389%
52.0	11.391	1.017	427.332	0.228%	95.617%
53.0	10.513	0.953	428.284	0.213%	95.830%
54.0	9.848	0.897	429.182	0.201%	96.031%
55.0	9.055	0.844	430.026	0.189%	96.219%
56.0	8.543	0.795	430.821	0.178%	96.397%
57.0	8.092	0.761	431.582	0.170%	96.568%
58.0	7.537	0.723	432.304	0.162%	96.729%
59.0	7.162	0.687	432.991	0.154%	96.883%
60.0	6.889	0.664	433.655	0.149%	97.032%
61.0	6.744	0.651	434.306	0.146%	97.177%
62.0	6.557	0.641	434.947	0.143%	97.321%
63.0	6.369	0.629	435.576	0.141%	97.461%
64.0	6.156	0.615	436.190	0.138%	97.599%
65.0	5.986	0.601	436.791	0.134%	97.733%
66.0	5.781	0.587	437.378	0.131%	97.865%
67.0	5.559	0.570	437.948	0.128%	97.992%
68.0	5.329	0.552	438.500	0.123%	98.116%
69.0	5.124	0.533	439.033	0.119%	98.235%
70.0	4.971	0.518	439.552	0.116%	98.351%
71.0	4.732	0.502	440.053	0.112%	98.463%
72.0	4.502	0.480	440.533	0.107%	98.571%
73.0	4.255	0.458	440.991	0.102%	98.673%
74.0	4.076	0.438	441.429	0.098%	98.771%
75.0	3.837	0.418	441.847	0.094%	98.865%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.573	0.393	442.241	0.088%	98.953%
77.0	3.257	0.364	442.605	0.081%	99.034%
78.0	3.044	0.337	442.942	0.075%	99.109%
79.0	2.805	0.314	443.256	0.070%	99.180%
80.0	2.515	0.287	443.543	0.064%	99.244%
81.0	2.217	0.256	443.799	0.057%	99.301%
82.0	1.978	0.227	444.026	0.051%	99.352%
83.0	1.773	0.204	444.230	0.046%	99.398%
84.0	1.441	0.175	444.406	0.039%	99.437%
85.0	1.185	0.143	444.549	0.032%	99.469%
86.0	0.870	0.112	444.661	0.025%	99.494%
87.0	0.648	0.083	444.744	0.019%	99.513%
88.0	0.435	0.059	444.804	0.013%	99.526%
89.0	0.205	0.035	444.839	0.008%	99.534%
90.0	0.060	0.014	444.853	0.003%	99.537%
91.0	0.000	0.003	444.856	0.001%	99.538%
92.0	0.000	0.000	444.856	0.000%	99.538%
93.0	0.000	0.000	444.856	0.000%	99.538%
94.0	0.000	0.000	444.856	0.000%	99.538%
95.0	0.000	0.000	444.856	0.000%	99.538%
96.0	0.000	0.000	444.856	0.000%	99.538%
97.0	0.000	0.000	444.856	0.000%	99.538%
98.0	0.000	0.000	444.856	0.000%	99.538%
99.0	0.000	0.000	444.856	0.000%	99.538%
100.0	0.000	0.000	444.856	0.000%	99.538%
101.0	0.000	0.000	444.856	0.000%	99.538%
102.0	0.000	0.000	444.856	0.000%	99.538%
103.0	0.000	0.000	444.856	0.000%	99.538%
104.0	0.000	0.000	444.856	0.000%	99.538%
105.0	0.000	0.000	444.856	0.000%	99.538%
106.0	0.000	0.000	444.856	0.000%	99.538%
107.0	0.000	0.000	444.856	0.000%	99.538%
108.0	0.000	0.000	444.856	0.000%	99.538%
109.0	0.000	0.000	444.856	0.000%	99.538%
110.0	0.009	0.000	444.857	0.000%	99.538%
111.0	0.000	0.000	444.857	0.000%	99.538%
112.0	0.000	0.000	444.857	0.000%	99.538%
113.0	0.000	0.000	444.857	0.000%	99.538%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.009	0.000	444.858	0.000%	99.538%
115.0	0.017	0.001	444.859	0.000%	99.538%
116.0	0.009	0.001	444.860	0.000%	99.539%
117.0	0.034	0.002	444.862	0.000%	99.539%
118.0	0.026	0.003	444.865	0.001%	99.540%
119.0	0.043	0.003	444.868	0.001%	99.541%
120.0	0.085	0.006	444.875	0.001%	99.542%
121.0	0.068	0.007	444.882	0.002%	99.544%
122.0	0.119	0.009	444.891	0.002%	99.545%
123.0	0.128	0.011	444.902	0.003%	99.548%
124.0	0.136	0.012	444.914	0.003%	99.551%
125.0	0.145	0.013	444.927	0.003%	99.554%
126.0	0.145	0.013	444.940	0.003%	99.556%
127.0	0.196	0.015	444.955	0.003%	99.560%
128.0	0.188	0.017	444.972	0.004%	99.564%
129.0	0.239	0.018	444.990	0.004%	99.568%
130.0	0.273	0.022	445.011	0.005%	99.573%
131.0	0.281	0.023	445.035	0.005%	99.578%
132.0	0.307	0.024	445.059	0.005%	99.583%
133.0	0.350	0.027	445.085	0.006%	99.589%
134.0	0.367	0.028	445.114	0.006%	99.595%
135.0	0.384	0.029	445.143	0.007%	99.602%
136.0	0.435	0.031	445.175	0.007%	99.609%
137.0	0.452	0.033	445.208	0.007%	99.617%
138.0	0.486	0.035	445.243	0.008%	99.624%
139.0	0.537	0.037	445.280	0.008%	99.633%
140.0	0.563	0.039	445.319	0.009%	99.641%
141.0	0.631	0.042	445.361	0.009%	99.651%
142.0	0.665	0.044	445.405	0.010%	99.661%
143.0	0.699	0.046	445.450	0.010%	99.671%
144.0	0.742	0.047	445.497	0.011%	99.681%
145.0	0.784	0.049	445.546	0.011%	99.692%
146.0	0.827	0.050	445.596	0.011%	99.703%
147.0	0.895	0.052	445.648	0.012%	99.715%
148.0	0.912	0.053	445.702	0.012%	99.727%
149.0	0.981	0.054	445.756	0.012%	99.739%
150.0	0.989	0.055	445.811	0.012%	99.751%
151.0	1.015	0.054	445.865	0.012%	99.763%

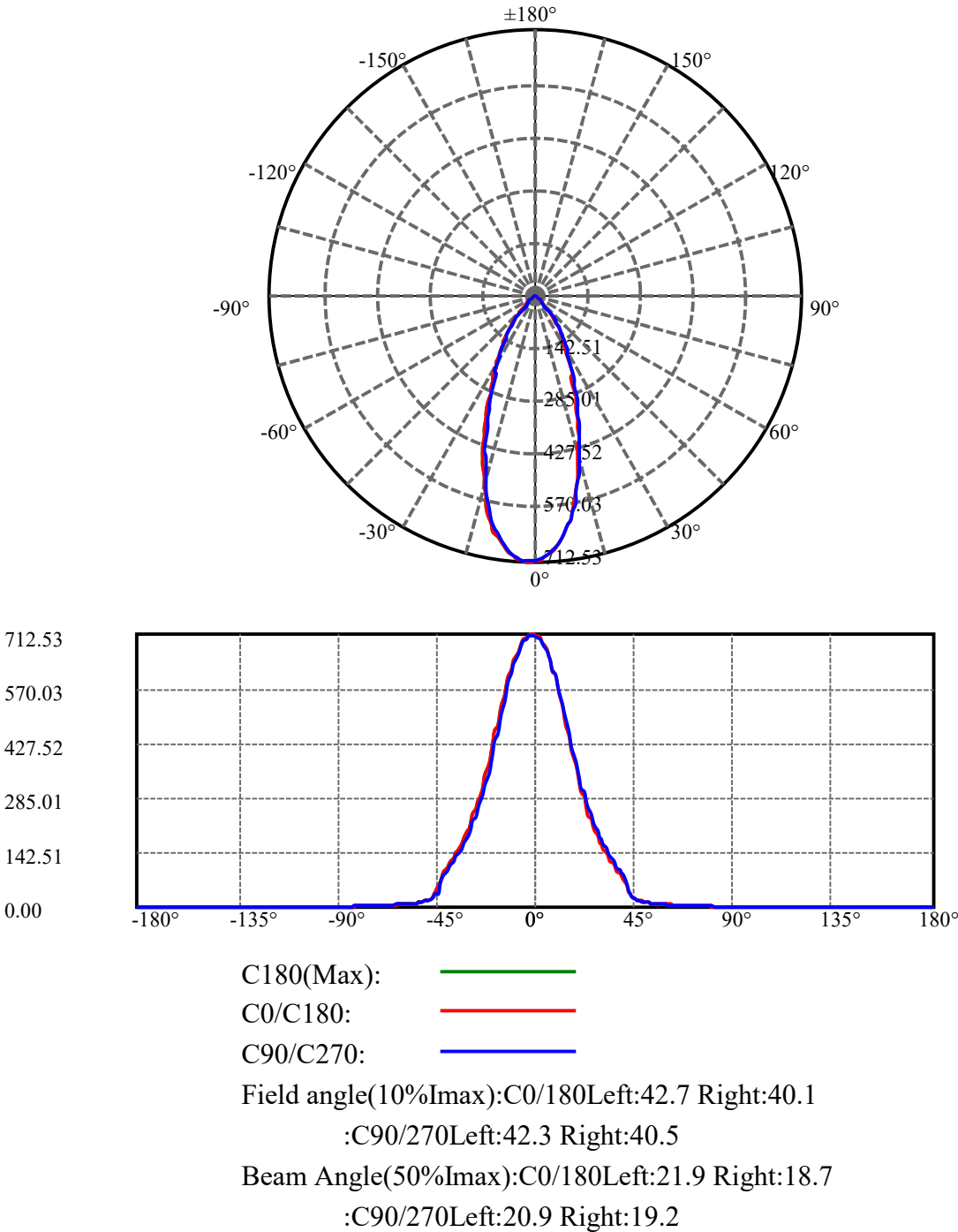
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	1.083	0.055	445.920	0.012%	99.776%
153.0	1.143	0.056	445.976	0.013%	99.788%
154.0	1.160	0.056	446.032	0.013%	99.801%
155.0	1.211	0.056	446.088	0.013%	99.813%
156.0	1.202	0.055	446.143	0.012%	99.826%
157.0	1.262	0.054	446.197	0.012%	99.838%
158.0	1.296	0.054	446.251	0.012%	99.850%
159.0	1.339	0.053	446.304	0.012%	99.862%
160.0	1.364	0.052	446.355	0.012%	99.873%
161.0	1.381	0.050	446.406	0.011%	99.884%
162.0	1.424	0.049	446.454	0.011%	99.895%
163.0	1.449	0.047	446.502	0.011%	99.906%
164.0	1.484	0.046	446.548	0.010%	99.916%
165.0	1.492	0.044	446.591	0.010%	99.926%
166.0	1.492	0.041	446.632	0.009%	99.935%
167.0	1.509	0.038	446.670	0.009%	99.944%
168.0	1.518	0.036	446.706	0.008%	99.952%
169.0	1.535	0.033	446.740	0.007%	99.959%
170.0	1.552	0.031	446.771	0.007%	99.966%
171.0	1.552	0.028	446.799	0.006%	99.972%
172.0	1.594	0.025	446.824	0.006%	99.978%
173.0	1.586	0.023	446.847	0.005%	99.983%
174.0	1.611	0.020	446.867	0.004%	99.988%
175.0	1.620	0.017	446.884	0.004%	99.991%
176.0	1.620	0.014	446.898	0.003%	99.995%
177.0	1.629	0.011	446.909	0.002%	99.997%
178.0	1.646	0.008	446.916	0.002%	99.999%
179.0	1.646	0.005	446.921	0.001%	100.000%
180.0	0.000	0.001	446.922	0.000%	100.000%

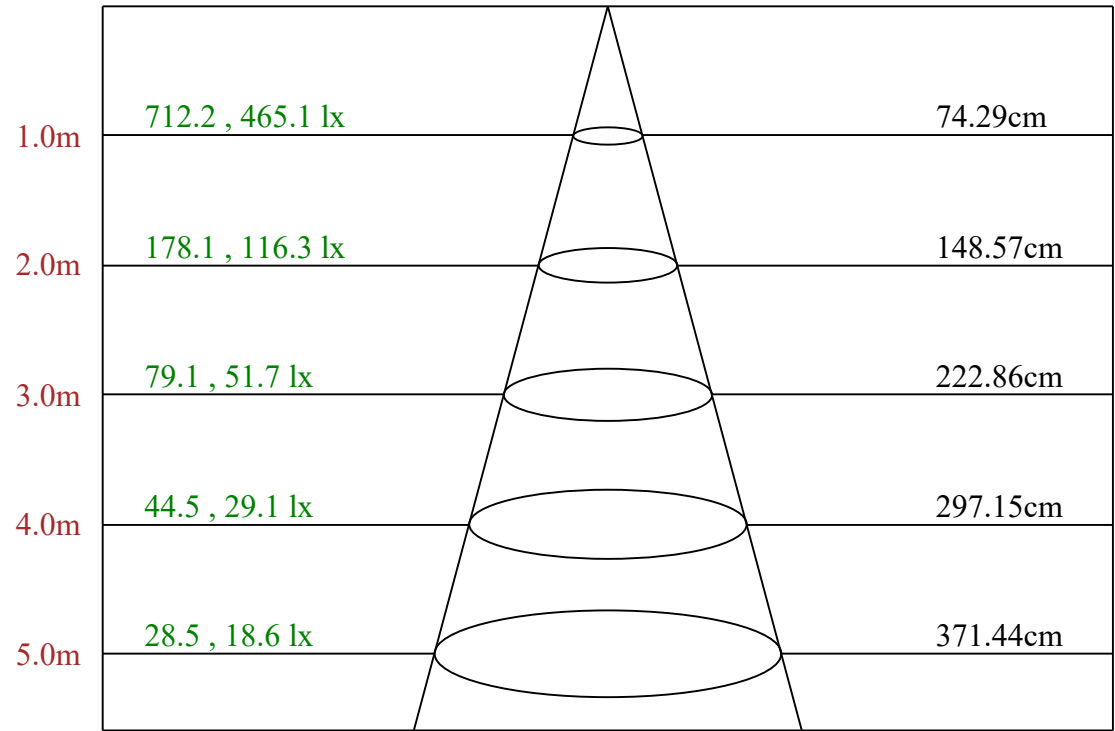
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	315.49	70.59%
0-40	397.58	88.96%
0-60	433.66	97.03%
0-90	444.85	99.54%
0-120	444.87	99.54%
0-180	446.92	100.00%
60-90	11.20	2.51%
90-120	0.02	0.00%
90-130	0.16	0.04%
90-150	0.96	0.21%
90-180	2.07	0.46%
0-34.55	357.54	80.00%

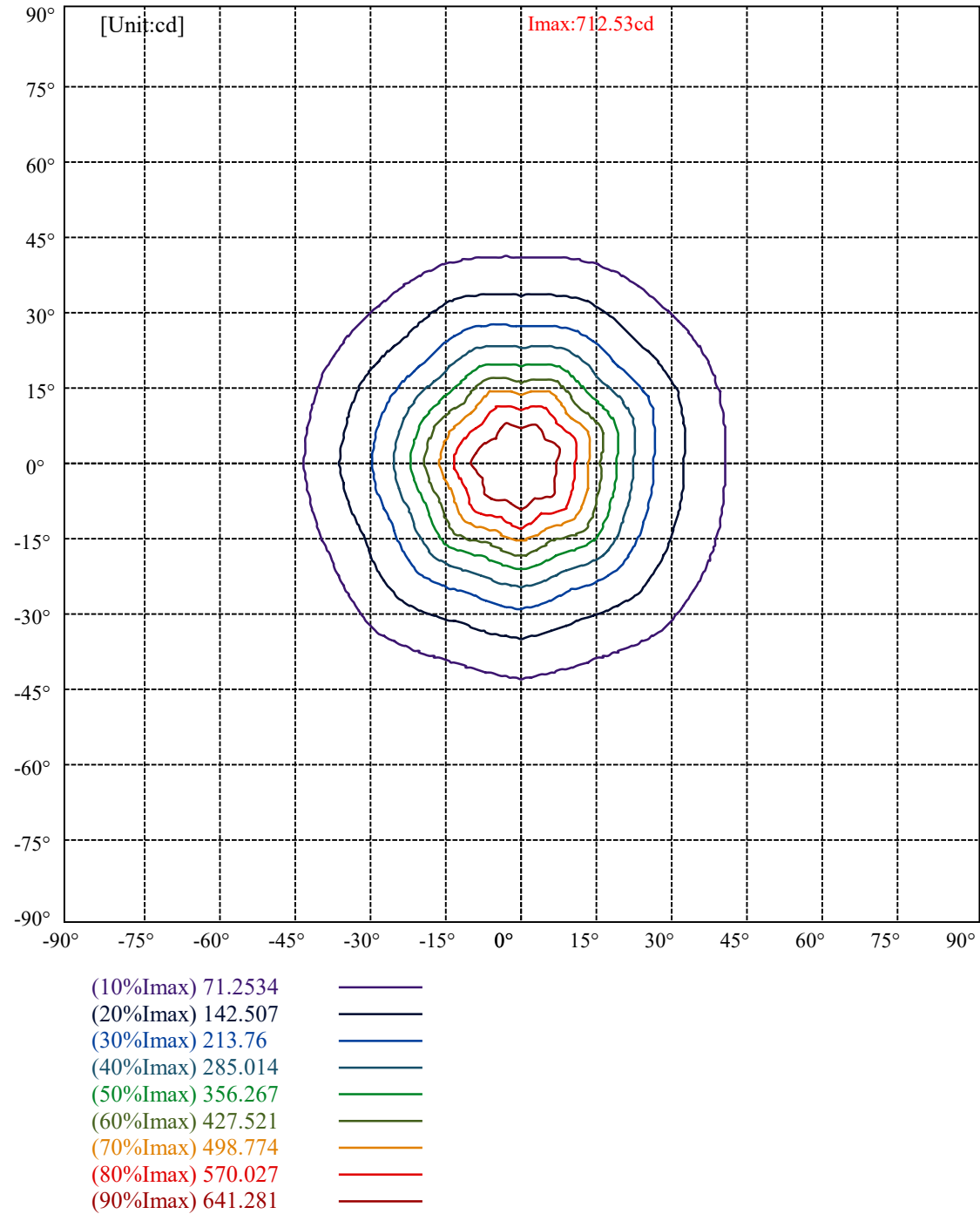
ZONAL LUMEN SUMMARY

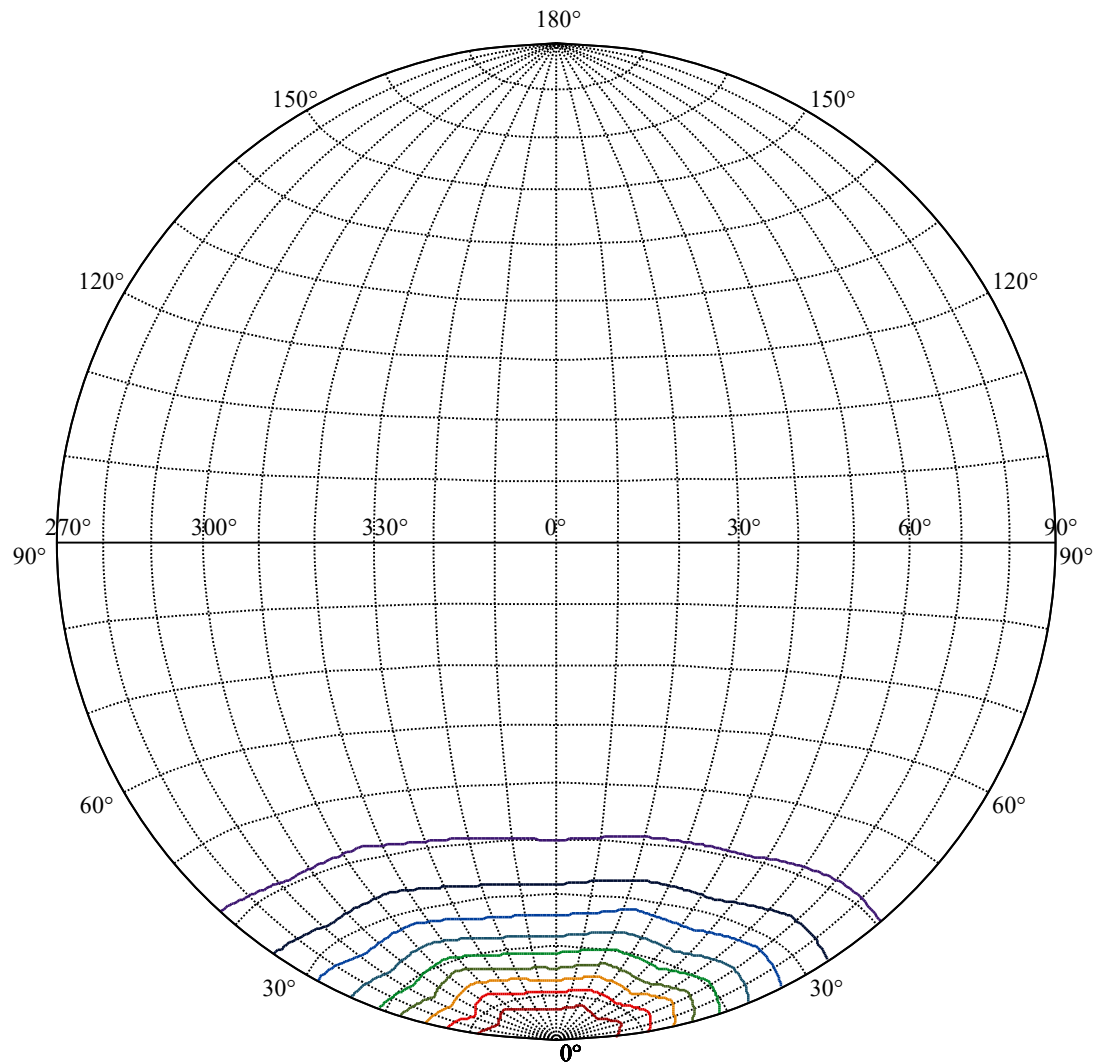
0-10	62.76
10-20	133.79
20-30	118.93
30-40	82.09
40-50	27.62
50-60	8.45
60-70	5.90
70-80	3.99
80-90	1.31
90-100	0.00
100-110	0.00
110-120	0.02
120-130	0.14
130-140	0.31
140-150	0.49
150-160	0.54
160-170	0.42
170-180	0.15





Max , Ave Beam angle of C180 plane 40.75



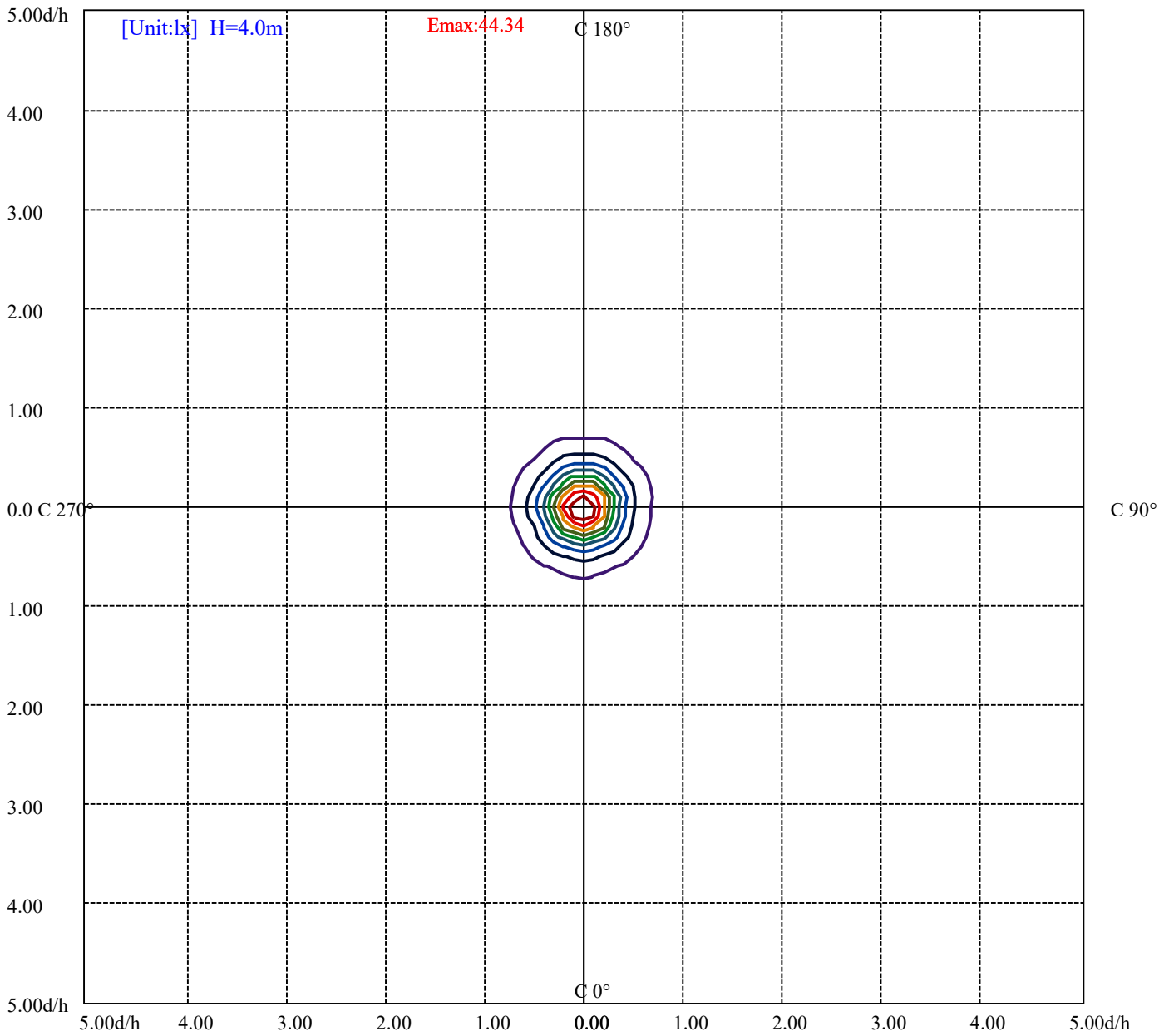


House

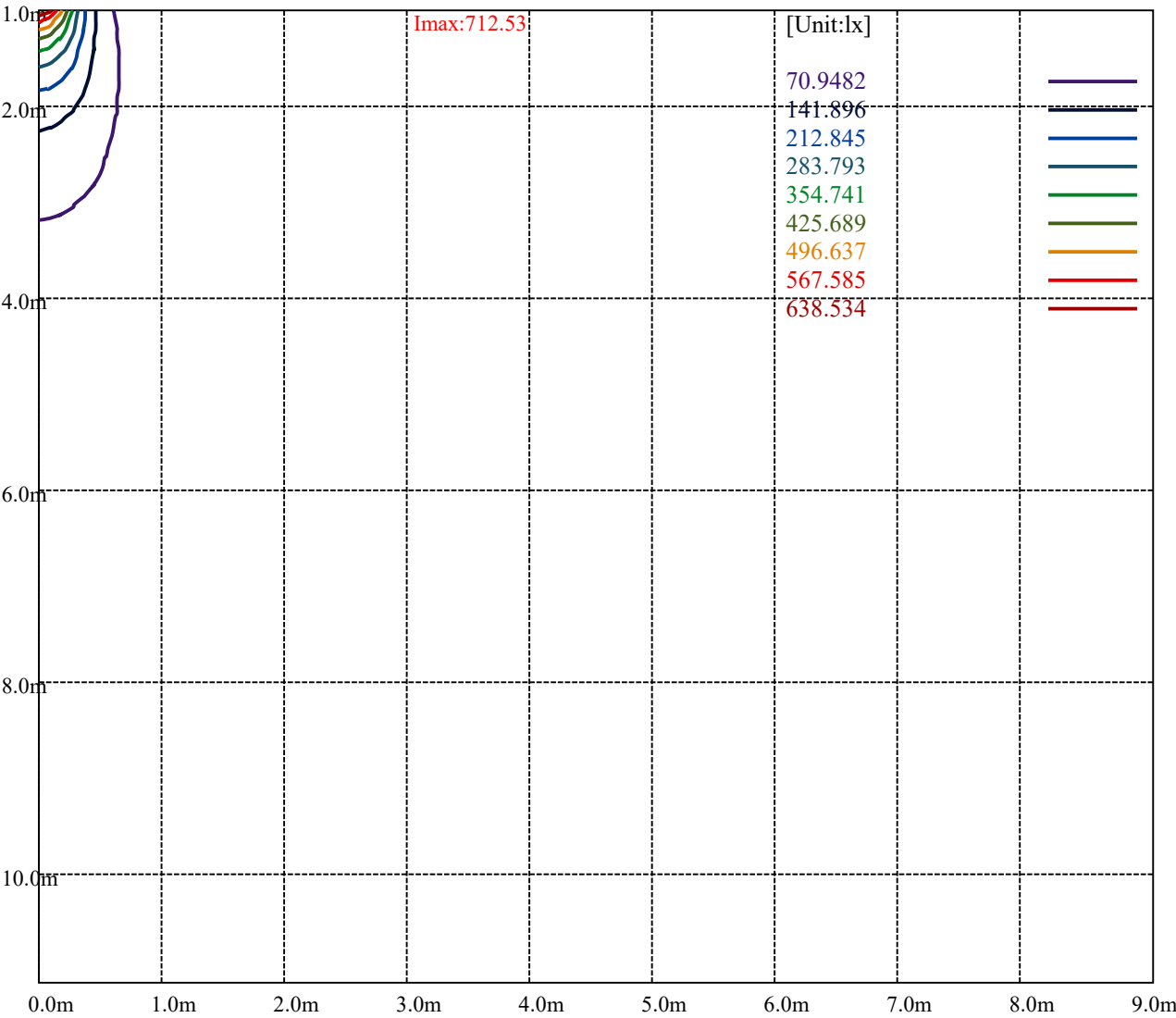
[Unit:cd]

Road

Imax:712.53	
(10%Imax) 71.2534	
(20%Imax) 142.507	
(30%Imax) 213.76	
(40%Imax) 285.014	
(50%Imax) 356.267	
(60%Imax) 427.521	
(70%Imax) 498.774	
(80%Imax) 570.027	
(90%Imax) 641.281	



(10%Emax)	4.434256	—
(20%Emax)	8.8685	—
(30%Emax)	13.30275	—
(40%Emax)	17.737	—
(50%Emax)	22.17131	—
(60%Emax)	26.60556	—
(70%Emax)	31.03981	—
(80%Emax)	35.47406	—
(90%Emax)	39.90831	—



Luminance Table

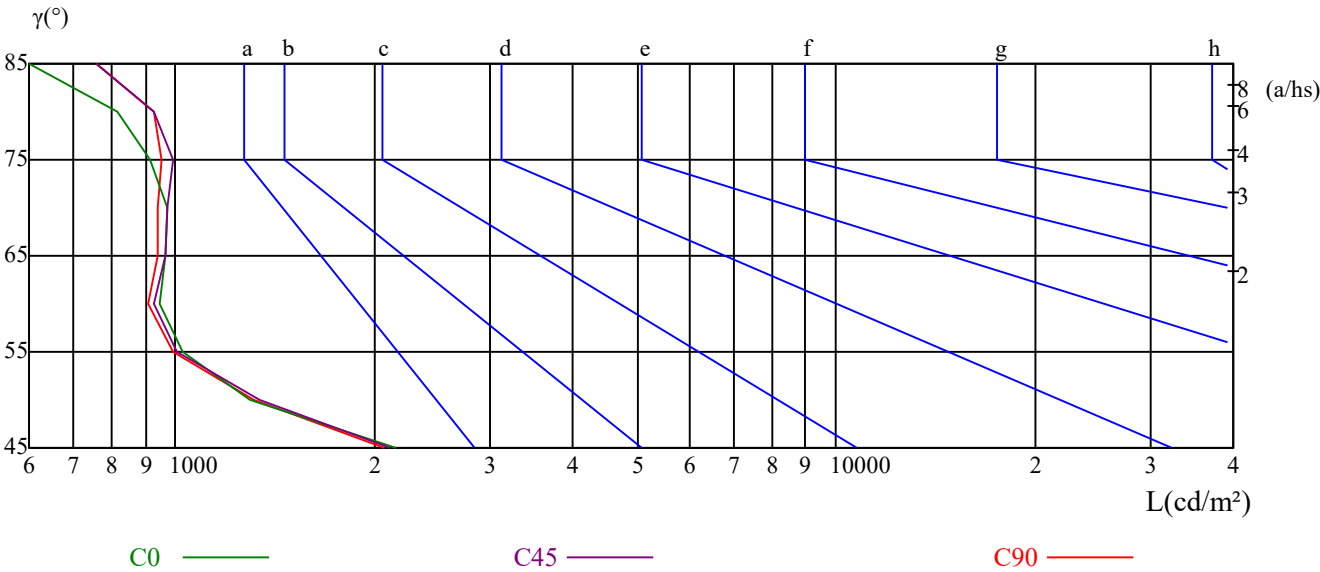
γ	45	50	55	60	65	70	75	80	85
C0	2157	1297	1024	947	964	969	915	818	543
C45	2117	1341	1008	928	964	969	988	927	761
C90	2077	1312	991	909	942	942	952	927	761

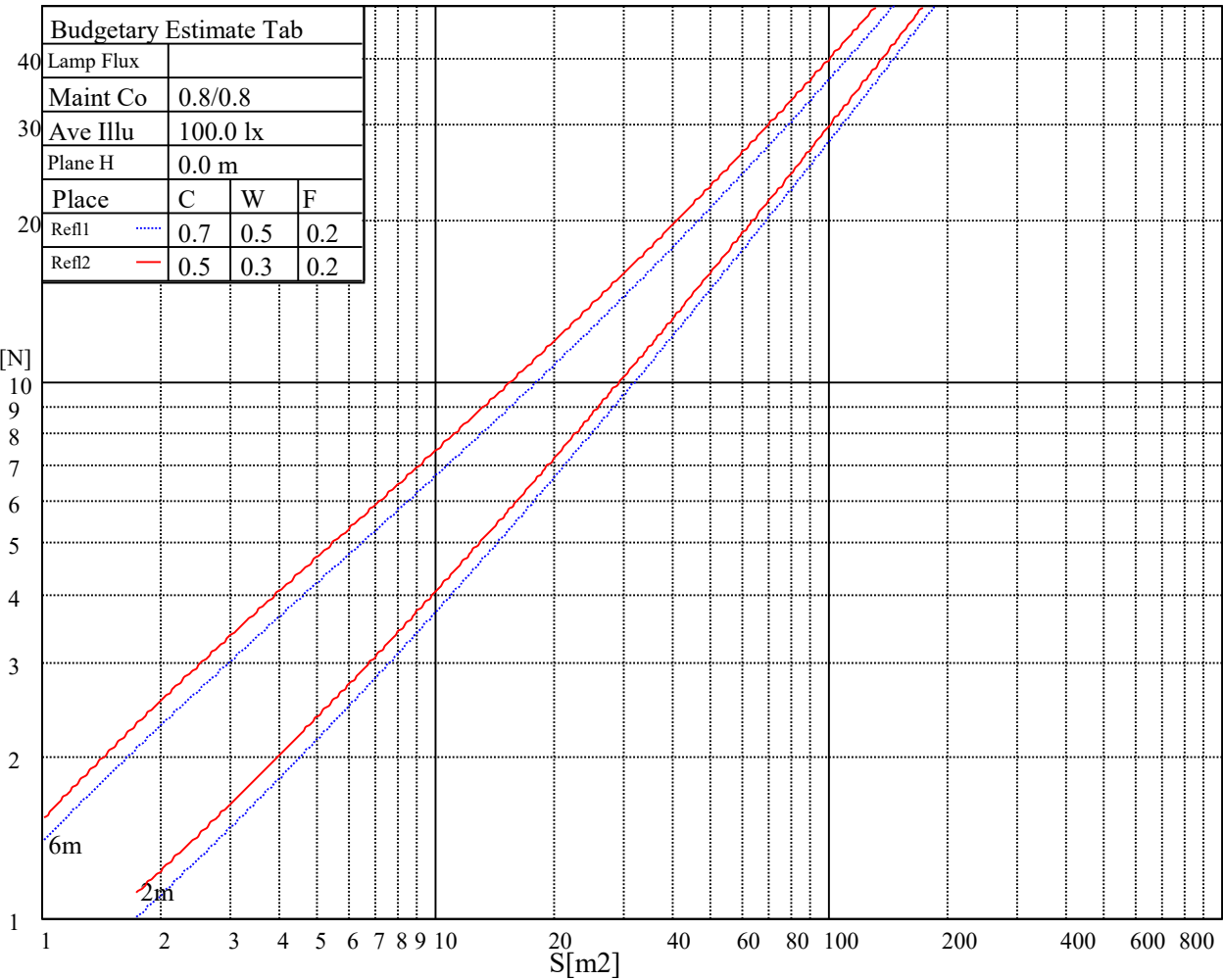
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
975	986	986	988	1043	1043	761	1087	1005

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	0.94	0.93
2	1.03	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	0.96	0.91	0.87	0.94	0.90	0.86	0.91	0.88	0.84	0.89	0.86	0.83	0.87	0.84	0.82	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	0.74	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	0.64	0.74	0.68	0.64	0.73	0.68	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.62
8	0.71	0.65	0.61	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.58
9	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.59	0.56	0.55
10	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.61	0.57	0.54	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	709.48	707.49	701.48	690.57	684.02	671.06	656.60	639.82	616.77
22.5	709.48	711.03	708.03	702.85	695.48	690.16	676.66	662.74	646.51
45.0	709.48	704.62	698.48	687.98	681.43	668.88	653.87	636.82	614.04
67.5	709.48	709.53	706.53	701.35	694.25	689.07	675.70	662.60	646.92
90.0	709.48	704.21	698.35	688.52	682.11	670.11	656.33	640.50	618.54
112.5	709.48	709.26	705.99	700.94	693.98	688.80	675.84	663.15	648.82
135.0	709.48	705.58	698.07	688.11	682.25	671.20	658.24	643.37	622.36
157.5	709.48	708.99	706.26	701.76	695.07	690.30	678.29	666.29	652.37
180.0	709.48	712.53	712.53	709.67	702.98	698.89	688.80	678.02	665.60
202.5	709.48	710.22	705.44	698.21	693.57	683.89	672.29	658.78	640.09
225.0	709.48	710.62	709.94	707.35	702.58	698.89	689.21	678.57	665.88
247.5	709.48	708.44	704.62	696.98	691.93	682.11	670.24	655.65	635.32
270.0	709.48	709.81	709.26	707.90	701.07	696.98	686.07	674.06	659.47
292.5	709.48	708.03	703.94	695.75	690.30	679.38	666.15	650.33	628.50
315.0	709.48	709.40	708.99	705.71	700.39	695.75	684.29	671.88	657.42
337.5	709.48	707.08	702.58	693.71	687.98	676.79	663.56	648.01	626.45
360.0	709.48	707.49	701.48	690.57	684.02	671.06	656.60	639.82	616.77

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	604.49	582.39	558.51	528.23	501.49	474.07	446.78	414.72	398.90
22.5	628.23	616.49	590.98	557.83	542.82	511.86	485.66	458.92	432.05
45.0	601.62	579.80	556.60	531.64	500.12	484.16	457.42	415.13	399.44
67.5	629.18	617.86	593.16	571.06	547.05	522.22	506.81	464.93	438.33
90.0	606.67	585.25	562.61	533.28	507.49	491.80	454.56	423.18	407.63
112.5	632.18	621.54	598.21	576.25	552.78	522.63	512.54	481.43	444.05
135.0	611.04	590.71	569.02	545.42	515.54	499.85	463.15	431.64	415.95
157.5	636.55	626.59	596.30	574.47	560.56	531.77	506.95	481.16	454.83
180.0	650.87	640.91	619.77	600.40	578.98	551.42	527.14	501.63	475.70
202.5	629.86	611.45	591.25	568.88	540.10	514.99	488.94	457.29	441.33
225.0	651.14	631.23	612.54	592.07	578.84	550.33	525.09	498.62	471.20
247.5	624.41	604.49	569.29	559.60	528.91	502.17	474.89	442.01	425.77
270.0	642.96	632.45	608.58	586.48	562.61	537.64	506.26	478.84	451.15
292.5	616.77	586.48	557.97	548.01	516.63	489.62	462.47	429.73	413.63
315.0	640.64	617.99	605.99	584.30	560.29	530.00	503.81	477.21	450.06
337.5	614.86	593.57	570.93	546.51	515.27	499.44	472.70	429.59	413.22
360.0	604.49	582.39	558.51	528.23	501.49	474.07	446.78	414.72	398.90

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	373.39	348.42	324.96	298.77	286.35	259.20	238.19	231.78	213.23
22.5	416.22	385.39	360.84	337.24	314.59	301.63	277.35	252.25	242.15
45.0	374.34	350.06	327.41	302.18	290.44	271.34	253.61	237.24	218.82
67.5	422.64	392.35	368.20	345.01	322.64	309.82	286.08	267.93	250.88
90.0	382.53	358.65	336.01	310.91	298.77	279.53	261.66	244.88	226.05
112.5	428.23	397.67	373.25	349.51	326.73	313.64	289.62	271.34	254.29
135.0	390.17	365.48	342.15	316.23	303.81	284.03	265.61	248.43	229.19
157.5	438.87	408.04	382.94	358.65	335.05	321.55	296.04	276.80	258.66
180.0	459.88	428.64	402.86	377.62	352.92	338.74	311.86	283.62	272.44
202.5	414.72	388.67	363.84	335.87	322.23	300.40	280.62	258.93	242.29
225.0	454.97	422.50	396.44	371.48	347.20	333.28	307.22	279.80	268.75
247.5	399.04	373.93	349.79	322.64	309.41	288.81	269.98	248.83	232.74
270.0	434.64	402.31	376.66	351.83	328.37	315.27	290.58	271.62	253.61
292.5	386.89	361.38	337.37	310.09	297.40	277.07	258.52	238.19	222.50
315.0	433.69	401.08	374.89	349.38	324.96	311.32	285.80	258.79	248.15
337.5	386.08	360.43	336.01	308.31	295.22	274.75	255.66	238.47	219.50
360.0	373.39	348.42	324.96	298.77	286.35	259.20	238.19	231.78	213.23

SPKPL-RDLRE4Q-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	198.90	185.26	170.26	163.16	152.25	141.74	132.06	121.01	115.96
22.5	222.78	216.78	194.27	181.31	173.67	159.34	148.56	138.47	129.06
45.0	210.23	196.45	175.98	168.75	157.57	146.93	137.10	126.19	121.01
67.5	231.51	216.50	202.59	189.49	181.71	167.12	155.79	145.29	135.88
90.0	211.45	197.81	182.40	175.03	163.57	152.79	142.56	131.10	125.78
112.5	238.06	219.91	206.00	192.90	185.26	170.53	159.20	148.43	138.61
135.0	214.46	200.54	184.85	177.49	165.62	154.57	144.06	132.47	127.15
157.5	238.47	223.05	208.86	195.36	187.58	172.57	161.11	150.75	140.79
180.0	254.56	244.47	219.50	205.32	196.99	181.03	168.89	157.57	147.20
202.5	232.87	212.00	195.49	187.31	174.48	162.48	151.29	139.15	133.42
225.0	247.74	231.65	216.64	202.72	194.67	178.85	166.57	155.52	145.15
247.5	217.73	203.54	187.72	180.08	168.07	156.75	146.11	134.38	128.78
270.0	233.69	227.42	204.22	190.85	183.22	168.35	157.02	146.38	136.56
292.5	207.91	194.13	178.71	171.35	159.75	148.84	138.47	127.15	121.83
315.0	228.10	212.82	198.36	185.13	177.35	162.89	151.70	141.47	131.78
337.5	204.77	191.13	176.12	169.03	157.84	147.20	136.97	125.92	120.60
360.0	198.90	185.26	170.26	163.16	152.25	141.74	132.06	121.01	115.96
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	107.77	94.95	90.31	81.44	71.76	56.89	39.97	33.42	25.78
22.5	123.87	113.50	105.18	97.13	89.22	78.58	49.66	49.66	29.33
45.0	112.41	103.95	95.90	85.13	79.12	64.66	40.79	33.97	25.92
67.5	130.28	119.51	106.96	101.77	93.45	87.99	51.29	51.29	29.88
90.0	117.05	102.59	97.68	88.54	82.40	60.84	42.43	34.51	26.06
112.5	133.01	122.10	112.68	103.54	94.68	88.81	51.57	51.57	29.19
135.0	118.14	108.46	97.95	87.72	81.85	67.39	42.02	34.51	25.78
157.5	129.87	124.55	111.46	106.00	95.50	85.40	72.17	55.93	46.38
180.0	141.33	129.87	121.01	111.59	100.82	91.27	81.44	66.98	57.43
202.5	124.28	115.55	105.59	95.36	85.54	74.76	55.66	46.38	33.56
225.0	133.42	124.14	115.41	109.68	98.63	89.63	79.94	66.30	38.88
247.5	116.23	105.05	101.23	91.27	81.85	70.80	51.57	42.56	30.56
270.0	130.97	120.32	112.00	103.41	93.59	84.99	75.31	61.25	35.20
292.5	109.82	104.91	94.95	87.04	78.31	67.39	48.70	40.52	30.01
315.0	126.46	115.69	107.50	99.32	90.18	81.58	72.58	58.53	34.65
337.5	112.28	104.09	96.18	86.90	81.58	72.03	48.29	39.97	30.01
360.0	107.77	94.95	90.31	81.44	71.76	56.89	39.97	33.42	25.78
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	21.96	19.37	17.19	16.10	13.64	12.01	11.46	10.64	9.96
22.5	29.33	23.60	20.46	18.28	17.19	14.87	12.82	12.01	11.05
45.0	21.55	19.10	16.78	15.55	13.64	12.41	11.32	10.37	9.69
67.5	29.88	23.46	20.05	17.73	16.64	14.32	12.82	11.60	10.64
90.0	21.15	18.55	16.23	15.14	13.23	12.14	11.19	10.23	9.69
112.5	29.19	22.78	19.51	17.33	16.37	13.92	12.55	11.46	10.64
135.0	21.01	18.42	16.10	15.01	13.10	12.01	10.91	10.10	9.41
157.5	31.51	24.15	20.19	17.87	16.64	14.32	12.28	11.60	10.50
180.0	39.56	29.06	22.92	19.51	18.14	15.82	13.23	12.41	11.32
202.5	25.24	20.74	17.87	16.78	15.01	12.41	12.01	10.78	10.37
225.0	28.24	28.24	22.37	18.96	18.14	15.96	13.37	12.55	11.32
247.5	23.87	20.33	17.73	16.64	14.87	13.23	11.87	10.91	10.10
270.0	35.20	26.60	21.83	19.24	18.01	16.10	13.51	12.82	11.32
292.5	24.01	20.60	18.14	17.05	14.46	12.69	11.87	10.78	10.10
315.0	34.65	26.60	22.24	19.64	18.55	16.37	13.78	12.96	11.46
337.5	24.15	20.74	18.14	17.19	15.28	13.51	12.14	11.05	10.64
360.0	21.96	19.37	17.19	16.10	13.64	12.01	11.46	10.64	9.96

SPKPL-RDLRE4Q-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	9.28	8.46	8.05	7.64	7.37	6.96	6.82	6.82	6.55
22.5	10.64	9.55	8.87	8.46	7.78	7.37	7.09	6.96	6.82
45.0	9.00	8.32	7.91	7.50	7.23	6.96	6.68	6.68	6.41
67.5	9.96	9.41	8.73	8.32	7.64	7.23	7.09	6.82	6.68
90.0	9.00	8.19	7.91	7.37	7.09	6.82	6.55	6.41	6.28
112.5	9.82	9.14	8.59	8.19	7.37	7.09	6.82	6.68	6.41
135.0	8.87	8.05	7.78	7.23	6.96	6.68	6.41	6.41	6.14
157.5	9.82	9.28	8.59	8.32	7.50	7.09	6.82	6.55	6.41
180.0	10.78	9.82	9.14	8.73	8.05	7.37	7.09	6.82	6.68
202.5	9.41	8.73	8.32	7.78	7.23	6.96	6.55	6.55	6.28
225.0	10.50	9.82	9.28	8.87	8.05	7.50	7.09	6.96	6.55
247.5	9.55	8.73	8.32	7.78	7.23	6.96	6.82	6.68	6.41
270.0	11.05	9.82	9.14	8.73	8.05	7.50	7.23	6.96	6.96
292.5	9.55	8.73	8.32	7.78	7.37	7.23	6.82	6.68	6.68
315.0	10.64	9.96	9.28	8.87	8.19	7.64	7.37	7.09	6.96
337.5	9.69	8.87	8.46	7.91	7.50	7.23	6.96	6.82	6.68
360.0	9.28	8.46	8.05	7.64	7.37	6.96	6.82	6.82	6.55
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	6.28	6.00	5.87	5.59	5.46	5.18	4.91	4.77	4.50
22.5	6.55	6.41	6.28	6.00	5.73	5.59	5.32	5.18	4.91
45.0	6.28	6.00	5.87	5.73	5.46	5.32	5.05	4.77	4.64
67.5	6.55	6.14	6.14	6.00	5.73	5.46	5.18	5.18	4.91
90.0	6.14	5.87	5.73	5.46	5.18	5.05	4.91	4.64	4.50
112.5	6.28	6.14	6.00	5.73	5.59	5.32	5.05	5.05	4.77
135.0	6.00	5.73	5.59	5.46	5.18	4.91	4.77	4.64	4.37
157.5	6.14	6.00	5.87	5.59	5.32	5.18	4.91	4.77	4.64
180.0	6.41	6.28	6.00	5.73	5.59	5.46	5.18	5.05	4.77
202.5	6.14	6.00	5.73	5.59	5.32	5.05	4.91	4.64	4.50
225.0	6.55	6.28	6.14	6.00	5.73	5.59	5.32	5.32	5.05
247.5	6.28	6.14	5.87	5.73	5.59	5.18	5.05	4.91	4.64
270.0	6.68	6.41	6.28	6.14	5.87	5.73	5.46	5.32	5.05
292.5	6.41	6.28	6.00	5.73	5.59	5.32	5.18	4.91	4.77
315.0	6.82	6.55	6.41	6.14	6.00	5.73	5.59	5.46	5.05
337.5	6.41	6.28	6.00	5.87	5.59	5.18	5.18	4.91	4.64
360.0	6.28	6.00	5.87	5.59	5.46	5.18	4.91	4.77	4.50
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	4.23	3.96	3.82	3.41	3.14	3.00	2.59	2.32	2.05
22.5	4.64	4.50	4.23	3.96	3.68	3.27	3.14	2.86	2.59
45.0	4.37	4.09	3.96	3.68	3.41	3.14	2.86	2.73	2.32
67.5	4.64	4.37	4.23	4.09	3.82	3.41	3.27	3.00	2.73
90.0	4.23	3.96	3.82	3.55	3.27	3.00	2.86	2.59	2.32
112.5	4.50	4.37	4.23	3.96	3.68	3.41	3.14	3.00	2.73
135.0	4.09	3.82	3.68	3.41	3.14	2.86	2.59	2.32	2.05
157.5	4.37	4.09	3.96	3.82	3.55	3.00	3.00	2.73	2.46
180.0	4.50	4.37	4.09	3.96	3.68	3.27	3.14	2.86	2.59
202.5	4.23	3.96	3.82	3.55	3.41	3.14	2.73	2.59	2.18
225.0	4.77	4.64	4.37	4.23	3.82	3.55	3.41	3.27	3.00
247.5	4.50	4.23	4.09	3.82	3.55	3.27	3.00	2.86	2.59
270.0	4.91	4.64	4.50	4.23	4.09	3.68	3.55	3.27	3.00
292.5	4.64	4.37	4.09	3.82	3.41	3.41	3.14	2.86	2.59
315.0	4.91	4.64	4.37	4.23	3.96	3.55	3.41	3.14	2.86
337.5	4.50	4.09	3.96	3.68	3.55	3.14	2.86	2.46	2.18
360.0	4.23	3.96	3.82	3.41	3.14	3.00	2.59	2.32	2.05

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	1.64	1.50	1.23	0.95	0.68	0.41	0.27	0.00	0.00
22.5	2.18	1.91	1.77	1.50	1.23	0.95	0.55	0.41	0.14
45.0	2.05	1.91	1.50	1.23	0.95	0.55	0.41	0.00	0.00
67.5	2.59	2.18	2.05	1.77	1.50	1.09	0.82	0.68	0.27
90.0	2.05	1.77	1.64	1.23	0.95	0.55	0.41	0.14	0.00
112.5	2.46	2.18	2.05	1.64	1.23	1.09	0.82	0.68	0.27
135.0	1.77	1.64	1.36	1.09	0.82	0.55	0.41	0.14	0.00
157.5	2.05	1.77	1.64	1.23	1.09	0.82	0.55	0.41	0.27
180.0	2.32	2.05	1.91	1.50	1.23	0.95	0.68	0.68	0.41
202.5	1.91	1.77	1.50	1.23	0.95	0.68	0.41	0.27	0.14
225.0	2.73	2.46	2.32	1.91	1.64	1.36	1.09	0.95	0.55
247.5	2.32	2.05	1.77	1.50	1.23	0.95	0.68	0.41	0.14
270.0	2.73	2.46	2.18	1.91	1.77	1.36	1.09	0.82	0.55
292.5	2.18	2.05	1.77	1.50	1.23	0.82	0.68	0.27	0.14
315.0	2.59	2.32	2.18	1.77	1.64	1.23	0.95	0.82	0.41
337.5	1.91	1.64	1.50	1.09	0.82	0.55	0.55	0.27	0.00
360.0	1.64	1.50	1.23	0.95	0.68	0.41	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	0.14	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	0.27	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	0.14	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	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.27	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	0.14	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	0.14	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
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	0.14	0.00
157.5	0.00	0.00	0.14	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	0.14	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	0.14	0.14	0.14	0.14	0.14	0.14	0.27
22.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14	0.14
90.0	0.00	0.00	0.14	0.00	0.00	0.14	0.14	0.27	0.14
112.5	0.14	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14
157.5	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14
202.5	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.00	0.14
247.5	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14
292.5	0.00	0.00	0.14	0.14	0.00	0.14	0.14	0.14	0.14
315.0	0.00	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14
337.5	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.27
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.14	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41
22.5	0.14	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.41
45.0	0.27	0.27	0.27	0.27	0.41	0.27	0.41	0.41	0.41
67.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.41
90.0	0.14	0.27	0.27	0.27	0.27	0.27	0.41	0.41	0.41
112.5	0.14	0.14	0.14	0.27	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	0.27	0.27	0.27	0.27	0.27	0.41	0.27
180.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
202.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.41	0.41
225.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
247.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.41	0.41
270.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
292.5	0.00	0.27	0.14	0.27	0.14	0.27	0.27	0.41	0.41
315.0	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
337.5	0.14	0.14	0.14	0.27	0.41	0.27	0.27	0.41	0.41
360.0	0.14	0.27	0.27	0.27	0.27	0.41	0.41	0.41	0.41

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	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.82	0.82
22.5	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68	0.82
45.0	0.41	0.41	0.55	0.55	0.55	0.68	0.68	0.82	0.82
67.5	0.41	0.41	0.41	0.41	0.55	0.55	0.68	0.68	0.68
90.0	0.41	0.41	0.55	0.55	0.55	0.68	0.68	0.82	0.82
112.5	0.41	0.41	0.41	0.41	0.55	0.55	0.68	0.68	0.68
135.0	0.41	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.68
157.5	0.41	0.41	0.41	0.41	0.55	0.55	0.68	0.68	0.68
180.0	0.27	0.41	0.41	0.41	0.55	0.41	0.55	0.55	0.68
202.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.55	0.68
225.0	0.27	0.41	0.41	0.41	0.41	0.55	0.55	0.55	0.55
247.5	0.41	0.41	0.41	0.55	0.55	0.55	0.68	0.68	0.68
270.0	0.27	0.41	0.41	0.41	0.41	0.41	0.55	0.55	0.55
292.5	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68	0.68
315.0	0.27	0.41	0.41	0.41	0.55	0.55	0.55	0.55	0.68
337.5	0.41	0.55	0.41	0.55	0.55	0.55	0.68	0.68	0.68
360.0	0.55	0.55	0.55	0.55	0.68	0.68	0.68	0.82	0.82
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	0.95	0.95	0.95	1.09	1.09	1.09	1.23
22.5	0.68	0.82	0.82	0.95	0.95	0.95	0.95	0.95	1.09
45.0	0.82	0.82	0.95	0.95	0.95	1.09	1.09	1.09	1.09
67.5	0.68	0.82	0.82	0.95	0.95	0.95	0.95	0.95	1.09
90.0	0.82	0.82	0.95	0.95	0.95	1.09	1.09	1.09	1.09
112.5	0.68	0.82	0.82	0.95	0.82	0.95	0.95	0.95	1.09
135.0	0.82	0.95	0.95	0.95	0.95	1.09	1.09	1.09	1.09
157.5	0.82	0.82	0.82	0.95	0.95	0.95	0.95	0.95	1.09
180.0	0.68	0.68	0.68	0.82	0.82	0.82	0.95	0.95	1.09
202.5	0.68	0.68	0.82	0.82	0.95	0.95	0.95	1.09	1.09
225.0	0.68	0.68	0.68	0.82	0.82	0.95	0.82	0.95	0.95
247.5	0.82	0.82	0.82	0.95	0.95	0.95	0.95	1.09	1.09
270.0	0.68	0.68	0.82	0.82	0.82	0.95	0.95	0.95	1.09
292.5	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.95	1.09
315.0	0.68	0.68	0.68	0.82	0.82	0.95	0.95	0.95	0.95
337.5	0.68	0.82	0.82	0.82	0.95	0.95	1.09	1.09	1.09
360.0	0.82	0.82	0.95	0.95	0.95	1.09	1.09	1.09	1.23
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	1.23	1.23	1.36	1.36	1.36	1.36	1.36	1.50	1.50
22.5	1.23	1.09	1.23	1.23	1.36	1.23	1.36	1.36	1.36
45.0	1.23	1.23	1.23	1.36	1.36	1.36	1.36	1.36	1.36
67.5	1.09	1.23	1.23	1.09	1.36	1.36	1.36	1.36	1.36
90.0	1.23	1.23	1.23	1.23	1.36	1.36	1.36	1.36	1.36
112.5	1.23	1.23	1.23	1.23	1.23	1.36	1.36	1.36	1.36
135.0	1.23	1.23	1.23	1.23	1.36	1.36	1.36	1.36	1.50
157.5	1.09	1.23	1.23	1.23	1.23	1.23	1.36	1.36	1.36
180.0	1.09	1.09	1.23	1.09	1.23	1.23	1.36	1.36	1.36
202.5	1.09	1.09	1.23	1.23	1.23	1.36	1.36	1.36	1.36
225.0	1.09	1.09	1.23	1.09	1.23	1.23	1.23	1.23	1.36
247.5	1.09	1.09	1.23	1.23	1.23	1.23	1.36	1.36	1.50
270.0	1.09	1.09	1.09	1.09	1.09	1.23	1.23	1.36	1.23
292.5	1.09	1.09	1.09	1.09	1.23	1.23	1.36	1.36	1.36
315.0	1.09	1.09	1.09	1.23	1.09	1.23	1.23	1.36	1.36
337.5	1.09	1.23	1.23	1.23	1.23	1.36	1.36	1.36	1.36
360.0	1.23	1.23	1.36	1.36	1.36	1.36	1.36	1.50	1.50

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	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	1.50		
22.5	1.50	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50		
45.0	1.36	1.50	1.50	1.50	1.64	1.50	1.64	1.50	1.50		
67.5	1.36	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	
90.0	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
112.5	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	
135.0	1.50	1.36	1.50	1.50	1.50	1.50	1.64	1.64	1.50		
157.5	1.36	1.50	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
180.0	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.64	1.64	1.64	
202.5	1.50	1.36	1.50	1.50	1.50	1.50	1.50	1.64	1.64	1.64	
225.0	1.36	1.36	1.50	1.36	1.36	1.50	1.50	1.50	1.50	1.50	
247.5	1.50	1.50	1.50	1.50	1.36	1.50	1.50	1.50	1.50	1.50	
270.0	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	
292.5	1.36	1.50	1.50	1.50	1.50	1.64	1.50	1.50	1.50	1.50	
315.0	1.36	1.36	1.36	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
337.5	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	
360.0	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64	1.50		
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0		
0.0	1.64	1.50	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
22.5	1.50	1.64	1.50	1.64	1.50	1.50	1.64	1.64	1.64	1.64	
45.0	1.50	1.64	1.64	1.50	1.64	1.50	1.64	1.64	1.64	1.64	
67.5	1.50	1.50	1.64	1.50	1.50	1.64	1.64	1.64	1.64	1.64	
90.0	1.50	1.64	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	
112.5	1.50	1.50	1.64	1.64	1.64	1.64	1.50	1.64	1.64	1.64	
135.0	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.77	
157.5	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
180.0	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
202.5	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.77	1.64	1.64	
225.0	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
247.5	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
270.0	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
292.5	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
315.0	1.50	1.64	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
337.5	1.50	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
360.0	1.64	1.50	1.50	1.64	1.64	1.64	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										