



Bell-Southcn Testing Laboratory(Shenzhen)

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

Client:

LumCAT: SPKPL-RDLRE2Q-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111306-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.050

Lamp flux(lm)

Power (W): 5.996

Number of Lamps: 1

PF: 0.985

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

#### Photometric Results

Lumens(lm): 318.21, Luminous Efficacy(lm/W): 53.07

Central intensity(cd): 385.94, Maximum intensity(cd): 388.39

Angle of maximum intensity:  $C=0.0$   $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=50.1

[C90/270]Total=49.6

Field angle(10%Imax): [C0/180]Total=82.6

[C90/270]Total=82.8

Maximum s/h(1/2): C0\_180=0.82 C90\_270=0.75

Maximum s/h(1/4): C0\_180=0.84 C90\_270=0.79

Up flux rate of LUM(%): 0.44%

Down flux rate of LUM(%): 99.56%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 95.291%

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	385.939	0.000	0.000	0.000%	0.000%
1.0	385.820	0.369	0.369	0.116%	0.116%
2.0	385.632	1.107	1.477	0.348%	0.464%
3.0	385.078	1.843	3.320	0.579%	1.043%
4.0	383.986	2.574	5.894	0.809%	1.852%
5.0	382.187	3.296	9.190	1.036%	2.888%
6.0	379.152	4.001	13.191	1.257%	4.145%
7.0	377.054	4.694	17.885	1.475%	5.621%
8.0	372.339	5.363	23.248	1.685%	7.306%
9.0	366.874	5.991	29.239	1.883%	9.189%
10.0	360.385	6.581	35.821	2.068%	11.257%
11.0	352.149	7.120	42.940	2.237%	13.494%
12.0	345.643	7.628	50.568	2.397%	15.892%
13.0	334.977	8.077	58.645	2.538%	18.430%
14.0	323.602	8.430	67.075	2.649%	21.079%
15.0	315.588	8.775	75.850	2.758%	23.837%
16.0	302.380	9.055	84.905	2.846%	26.682%
17.0	289.966	9.224	94.130	2.899%	29.581%
18.0	276.503	9.340	103.469	2.935%	32.516%
19.0	261.965	9.368	112.838	2.944%	35.461%
20.0	253.788	9.440	122.277	2.967%	38.427%
21.0	239.507	9.472	131.750	2.977%	41.404%
22.0	226.734	9.369	141.119	2.944%	44.348%
23.0	214.780	9.264	150.383	2.911%	47.260%
24.0	202.195	9.117	159.500	2.865%	50.125%
25.0	193.421	8.995	168.495	2.827%	52.951%
26.0	181.476	8.849	177.345	2.781%	55.733%
27.0	169.513	8.587	185.932	2.699%	58.431%
28.0	162.940	8.417	194.349	2.645%	61.076%
29.0	152.802	8.261	202.609	2.596%	63.672%
30.0	144.616	8.030	210.640	2.524%	66.196%
31.0	136.081	7.811	218.451	2.455%	68.651%
32.0	127.291	7.545	225.996	2.371%	71.022%
33.0	122.814	7.368	233.364	2.316%	73.337%
34.0	114.825	7.192	240.556	2.260%	75.597%
35.0	107.262	6.897	247.453	2.168%	77.765%
36.0	99.580	6.586	254.039	2.070%	79.835%
37.0	89.425	6.164	260.203	1.937%	81.772%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	82.433	5.736	265.940	1.803%	83.575%
39.0	68.143	5.140	271.079	1.615%	85.190%
40.0	53.699	4.249	275.329	1.335%	86.525%
41.0	42.035	3.409	278.738	1.071%	87.597%
42.0	33.611	2.748	281.486	0.864%	88.460%
43.0	26.270	2.218	283.704	0.697%	89.157%
44.0	21.802	1.814	285.519	0.570%	89.728%
45.0	18.929	1.565	287.084	0.492%	90.219%
46.0	17.914	1.441	288.525	0.453%	90.672%
47.0	16.507	1.369	289.894	0.430%	91.102%
48.0	15.501	1.294	291.188	0.407%	91.509%
49.0	14.614	1.237	292.425	0.389%	91.898%
50.0	13.719	1.181	293.606	0.371%	92.269%
51.0	13.182	1.138	294.744	0.358%	92.627%
52.0	12.346	1.095	295.840	0.344%	92.971%
53.0	11.630	1.043	296.882	0.328%	93.299%
54.0	11.153	1.004	297.887	0.316%	93.614%
55.0	10.496	0.966	298.853	0.304%	93.918%
56.0	9.993	0.926	299.779	0.291%	94.209%
57.0	9.533	0.893	300.672	0.281%	94.489%
58.0	9.157	0.864	301.536	0.272%	94.761%
59.0	8.987	0.848	302.384	0.267%	95.028%
60.0	8.723	0.837	303.221	0.263%	95.291%
61.0	8.416	0.818	304.039	0.257%	95.548%
62.0	8.177	0.800	304.838	0.251%	95.799%
63.0	7.878	0.781	305.619	0.245%	96.044%
64.0	7.725	0.766	306.385	0.241%	96.285%
65.0	7.392	0.748	307.133	0.235%	96.520%
66.0	7.060	0.721	307.854	0.227%	96.747%
67.0	6.855	0.700	308.554	0.220%	96.966%
68.0	6.574	0.680	309.234	0.214%	97.180%
69.0	6.284	0.656	309.890	0.206%	97.386%
70.0	5.994	0.631	310.520	0.198%	97.585%
71.0	5.662	0.602	311.123	0.189%	97.774%
72.0	5.508	0.581	311.704	0.183%	97.956%
73.0	5.141	0.557	312.260	0.175%	98.131%
74.0	4.826	0.524	312.784	0.165%	98.296%
75.0	4.562	0.496	313.280	0.156%	98.452%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.204	0.465	313.746	0.146%	98.598%
77.0	3.973	0.436	314.182	0.137%	98.735%
78.0	3.607	0.406	314.587	0.128%	98.863%
79.0	3.257	0.369	314.956	0.116%	98.979%
80.0	3.018	0.338	315.295	0.106%	99.085%
81.0	2.660	0.307	315.602	0.097%	99.181%
82.0	2.379	0.273	315.875	0.086%	99.267%
83.0	2.012	0.239	316.114	0.075%	99.342%
84.0	1.629	0.198	316.312	0.062%	99.405%
85.0	1.415	0.166	316.478	0.052%	99.457%
86.0	1.023	0.133	316.611	0.042%	99.499%
87.0	0.699	0.094	316.706	0.030%	99.528%
88.0	0.443	0.063	316.768	0.020%	99.548%
89.0	0.188	0.035	316.803	0.011%	99.559%
90.0	0.085	0.015	316.818	0.005%	99.564%
91.0	0.000	0.005	316.822	0.001%	99.565%
92.0	0.000	0.000	316.822	0.000%	99.565%
93.0	0.000	0.000	316.822	0.000%	99.565%
94.0	0.000	0.000	316.822	0.000%	99.565%
95.0	0.000	0.000	316.822	0.000%	99.565%
96.0	0.000	0.000	316.822	0.000%	99.565%
97.0	0.000	0.000	316.822	0.000%	99.565%
98.0	0.000	0.000	316.822	0.000%	99.565%
99.0	0.000	0.000	316.822	0.000%	99.565%
100.0	0.000	0.000	316.822	0.000%	99.565%
101.0	0.000	0.000	316.822	0.000%	99.565%
102.0	0.000	0.000	316.822	0.000%	99.565%
103.0	0.000	0.000	316.822	0.000%	99.565%
104.0	0.000	0.000	316.822	0.000%	99.565%
105.0	0.000	0.000	316.822	0.000%	99.565%
106.0	0.000	0.000	316.822	0.000%	99.565%
107.0	0.000	0.000	316.822	0.000%	99.565%
108.0	0.000	0.000	316.822	0.000%	99.565%
109.0	0.000	0.000	316.822	0.000%	99.565%
110.0	0.009	0.000	316.823	0.000%	99.565%
111.0	0.009	0.001	316.824	0.000%	99.565%
112.0	0.000	0.000	316.824	0.000%	99.566%
113.0	0.009	0.000	316.825	0.000%	99.566%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	316.825	0.000%	99.566%
115.0	0.017	0.001	316.826	0.000%	99.566%
116.0	0.000	0.001	316.827	0.000%	99.566%
117.0	0.060	0.003	316.830	0.001%	99.567%
118.0	0.060	0.006	316.835	0.002%	99.569%
119.0	0.017	0.004	316.839	0.001%	99.570%
120.0	0.034	0.002	316.842	0.001%	99.571%
121.0	0.077	0.005	316.847	0.002%	99.573%
122.0	0.051	0.006	316.853	0.002%	99.575%
123.0	0.094	0.007	316.860	0.002%	99.577%
124.0	0.102	0.009	316.869	0.003%	99.580%
125.0	0.119	0.010	316.879	0.003%	99.583%
126.0	0.128	0.011	316.890	0.003%	99.586%
127.0	0.145	0.012	316.902	0.004%	99.590%
128.0	0.162	0.013	316.915	0.004%	99.594%
129.0	0.153	0.014	316.928	0.004%	99.598%
130.0	0.171	0.014	316.942	0.004%	99.603%
131.0	0.213	0.016	316.958	0.005%	99.608%
132.0	0.247	0.019	316.977	0.006%	99.614%
133.0	0.247	0.020	316.997	0.006%	99.620%
134.0	0.247	0.020	317.017	0.006%	99.626%
135.0	0.281	0.021	317.037	0.006%	99.633%
136.0	0.298	0.022	317.060	0.007%	99.640%
137.0	0.324	0.023	317.083	0.007%	99.647%
138.0	0.307	0.023	317.107	0.007%	99.654%
139.0	0.375	0.025	317.131	0.008%	99.662%
140.0	0.409	0.028	317.159	0.009%	99.671%
141.0	0.443	0.030	317.189	0.009%	99.680%
142.0	0.435	0.030	317.219	0.009%	99.690%
143.0	0.469	0.030	317.249	0.009%	99.699%
144.0	0.486	0.031	317.280	0.010%	99.709%
145.0	0.512	0.032	317.312	0.010%	99.719%
146.0	0.529	0.032	317.344	0.010%	99.729%
147.0	0.563	0.033	317.377	0.010%	99.739%
148.0	0.605	0.034	317.412	0.011%	99.750%
149.0	0.639	0.036	317.447	0.011%	99.761%
150.0	0.631	0.035	317.483	0.011%	99.773%
151.0	0.665	0.035	317.518	0.011%	99.784%

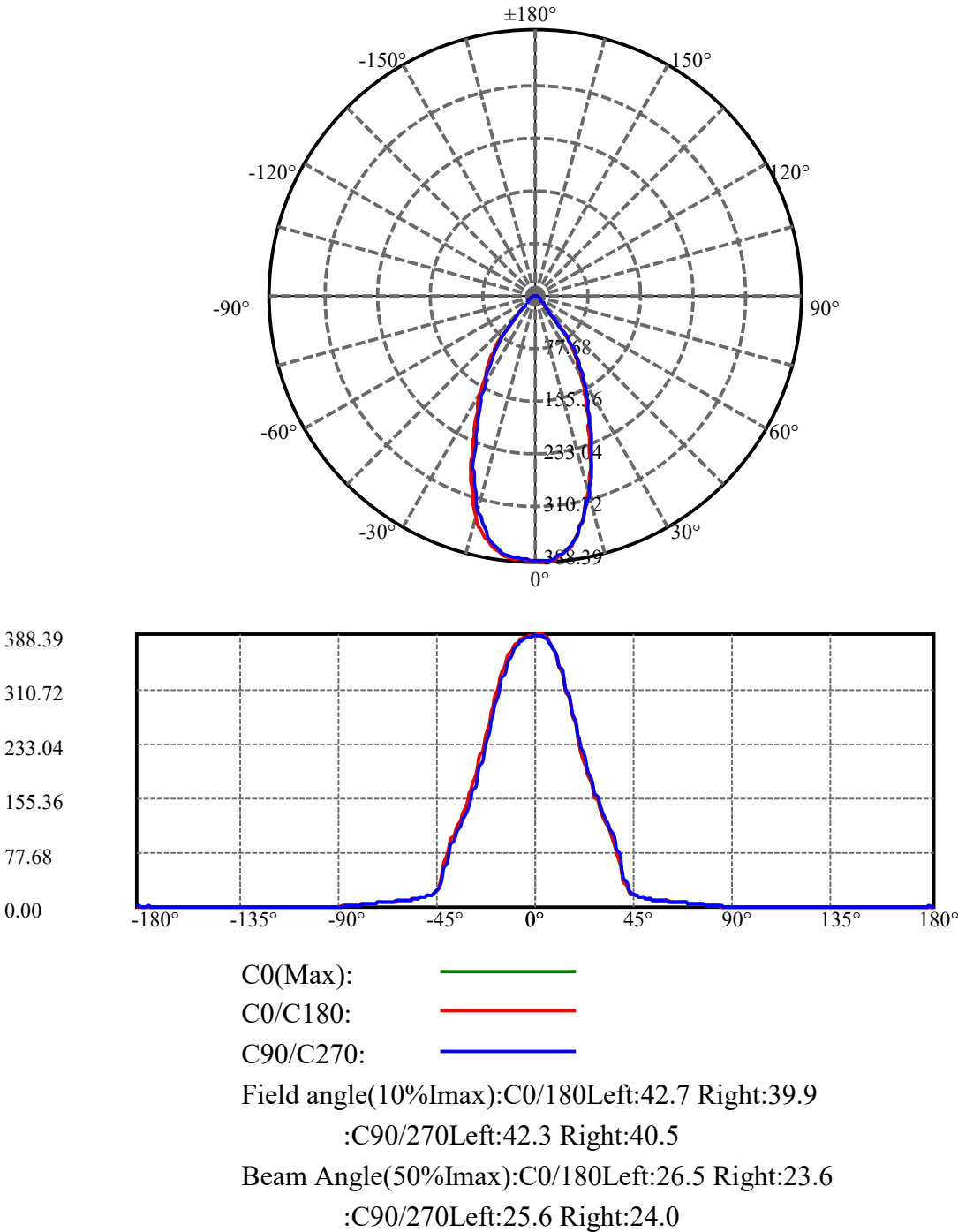
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.699	0.036	317.554	0.011%	99.795%
153.0	0.716	0.036	317.589	0.011%	99.806%
154.0	0.733	0.035	317.625	0.011%	99.817%
155.0	0.767	0.035	317.660	0.011%	99.828%
156.0	0.793	0.035	317.696	0.011%	99.839%
157.0	0.819	0.035	317.731	0.011%	99.851%
158.0	0.836	0.035	317.766	0.011%	99.861%
159.0	0.861	0.034	317.800	0.011%	99.872%
160.0	0.853	0.033	317.833	0.010%	99.883%
161.0	0.938	0.033	317.865	0.010%	99.893%
162.0	0.946	0.033	317.898	0.010%	99.903%
163.0	0.921	0.031	317.929	0.010%	99.913%
164.0	0.955	0.029	317.958	0.009%	99.922%
165.0	0.955	0.028	317.986	0.009%	99.931%
166.0	0.972	0.026	318.013	0.008%	99.939%
167.0	0.972	0.025	318.038	0.008%	99.947%
168.0	0.998	0.023	318.061	0.007%	99.954%
169.0	1.023	0.022	318.083	0.007%	99.961%
170.0	1.057	0.021	318.104	0.007%	99.968%
171.0	1.066	0.019	318.123	0.006%	99.974%
172.0	1.074	0.017	318.140	0.005%	99.979%
173.0	1.083	0.015	318.156	0.005%	99.984%
174.0	1.083	0.013	318.169	0.004%	99.988%
175.0	1.100	0.011	318.181	0.004%	99.992%
176.0	1.091	0.009	318.190	0.003%	99.995%
177.0	1.108	0.007	318.198	0.002%	99.997%
178.0	1.108	0.005	318.203	0.002%	99.999%
179.0	1.134	0.003	318.206	0.001%	100.000%
180.0	0.000	0.001	318.207	0.000%	100.000%

ZONAL LUMEN SUMMARY

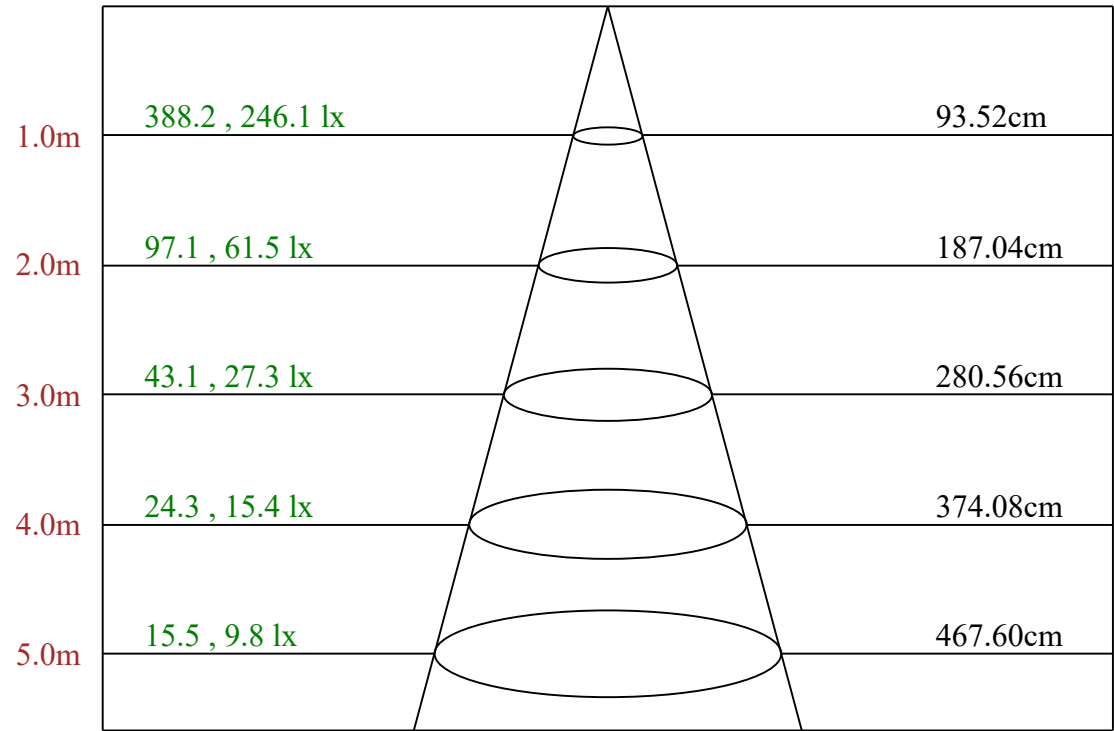
Zone	Lumens	%Fixt
0-30	210.64	66.20%
0-40	275.33	86.53%
0-60	303.22	95.29%
0-90	316.82	99.56%
0-120	316.84	99.57%
0-180	318.21	100.00%
60-90	13.60	4.27%
90-120	0.02	0.01%
90-130	0.12	0.04%
90-150	0.67	0.21%
90-180	1.39	0.44%
0-36.09	254.57	80.00%

ZONAL LUMEN SUMMARY

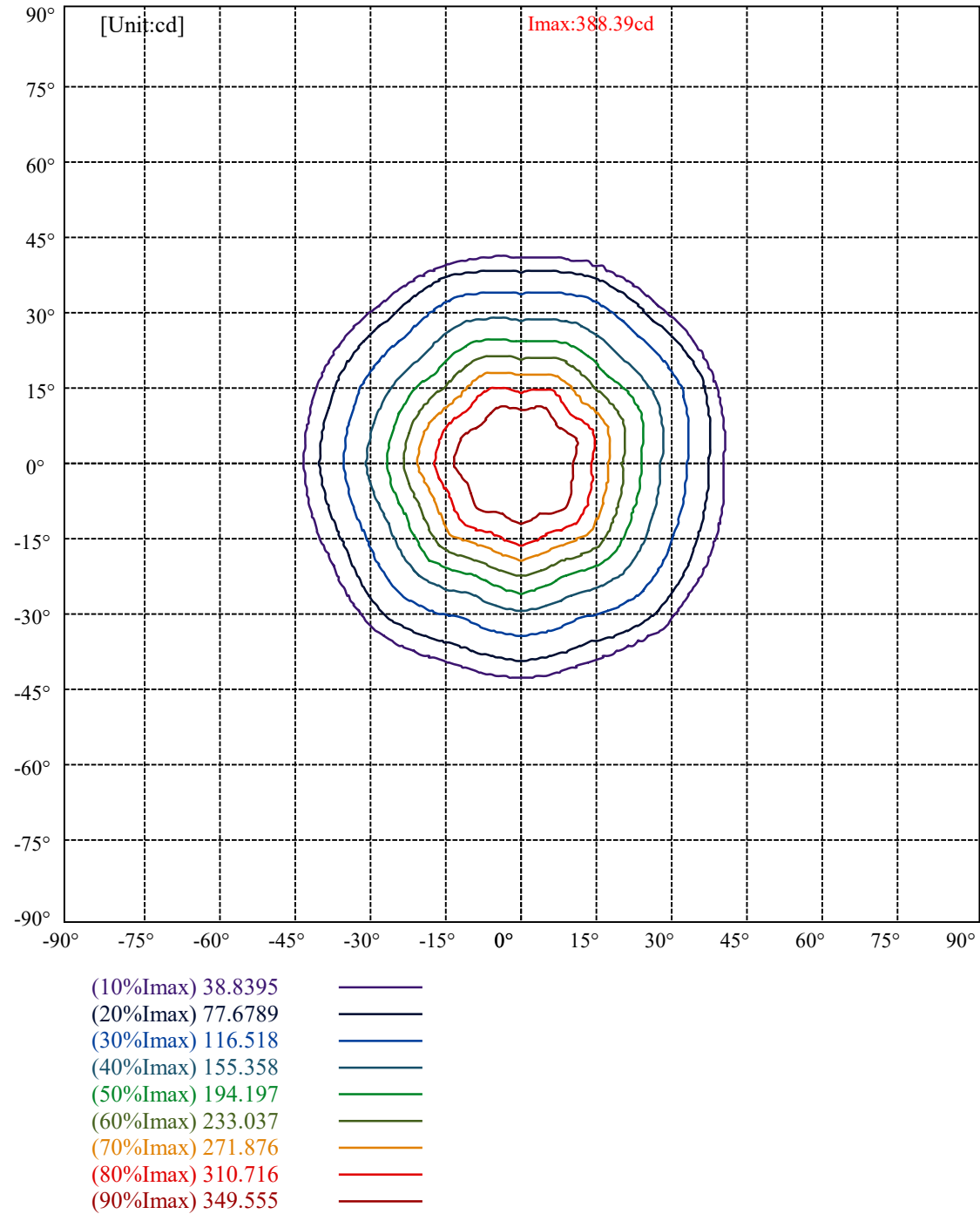
0-10	35.82
10-20	86.46
20-30	88.36
30-40	64.69
40-50	18.28
50-60	9.61
60-70	7.30
70-80	4.77
80-90	1.52
90-100	0.00
100-110	0.00
110-120	0.02
120-130	0.10
130-140	0.22
140-150	0.32
150-160	0.35
160-170	0.27
170-180	0.10

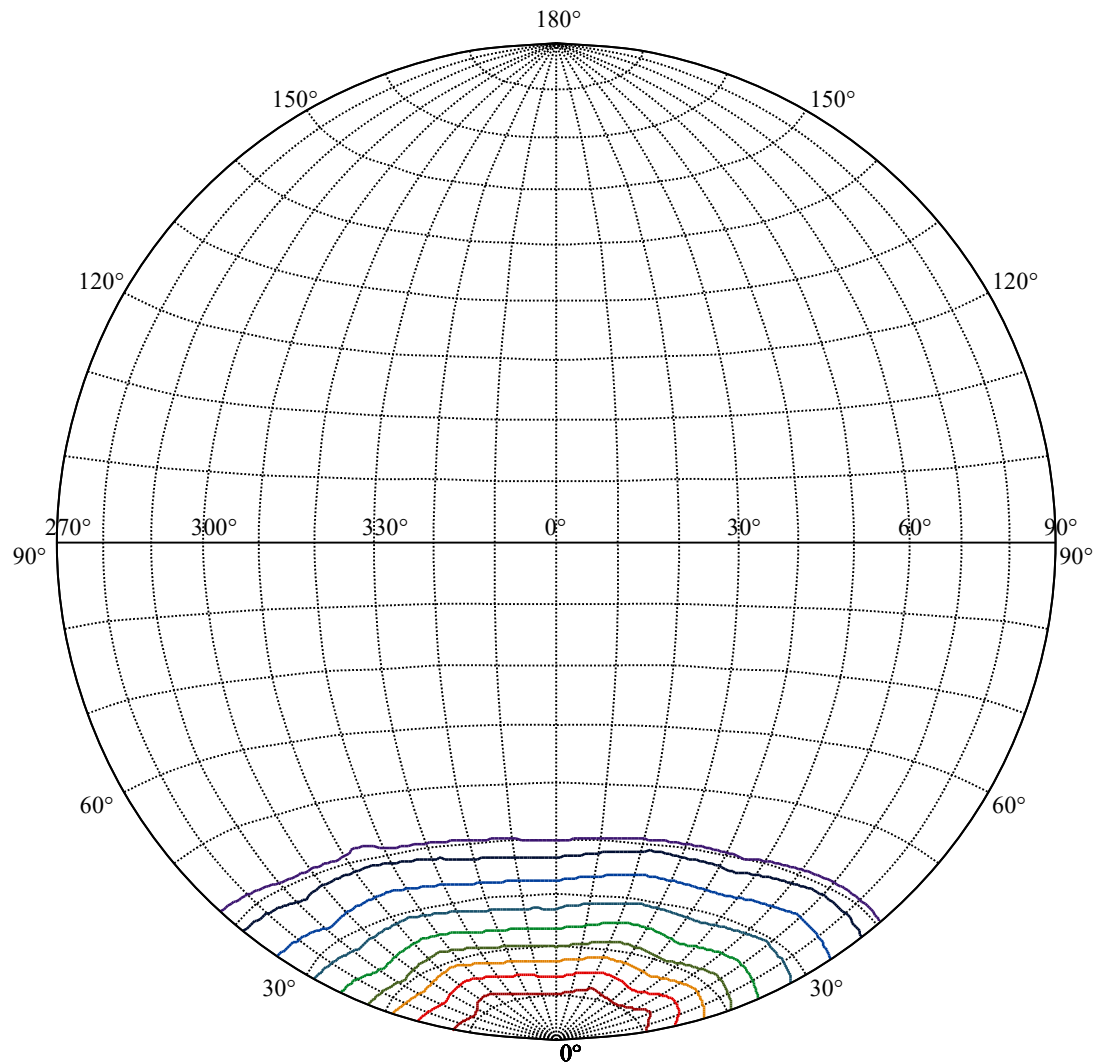






Max , Ave      Beam angle of C0 plane 50.12



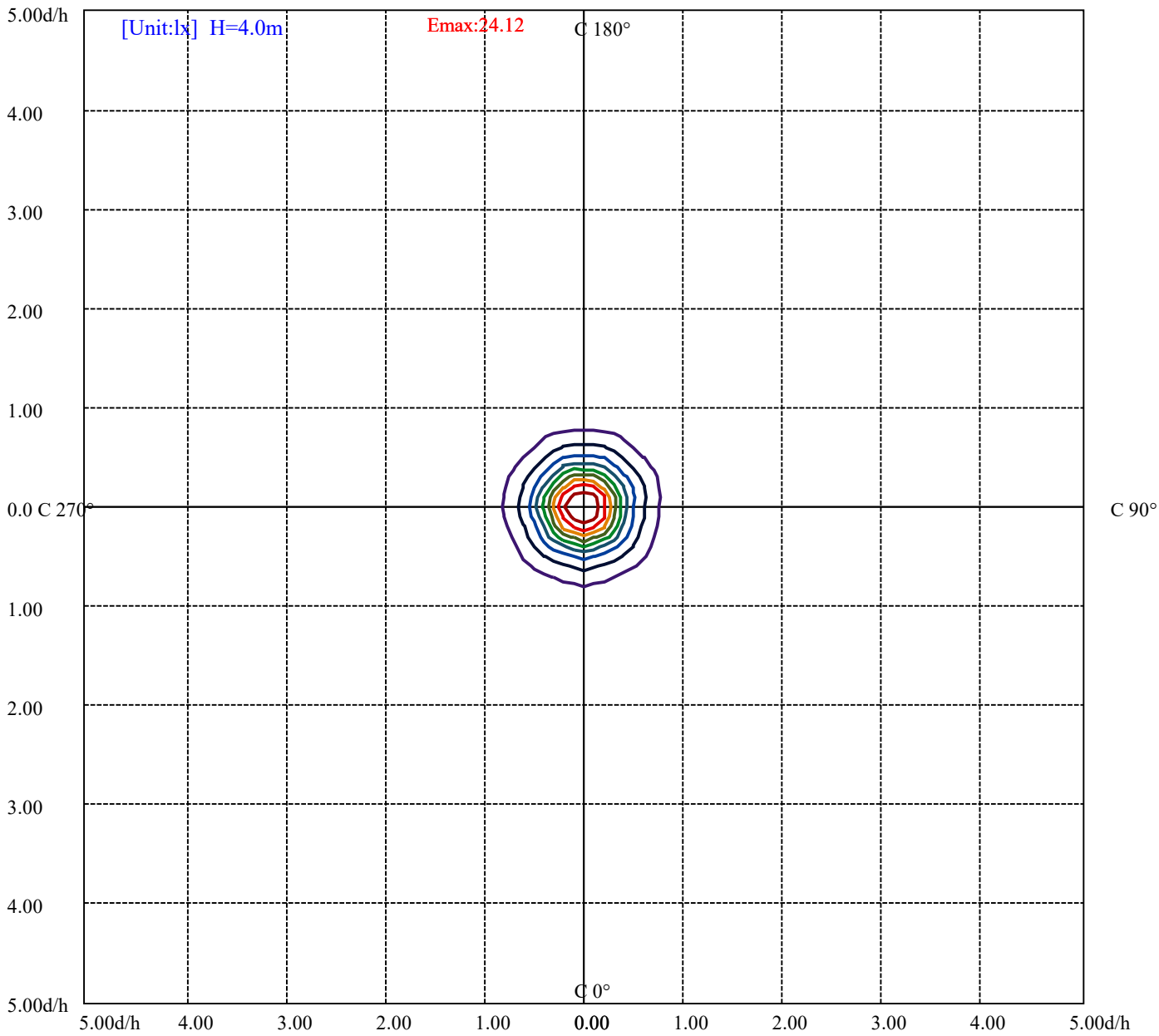


House

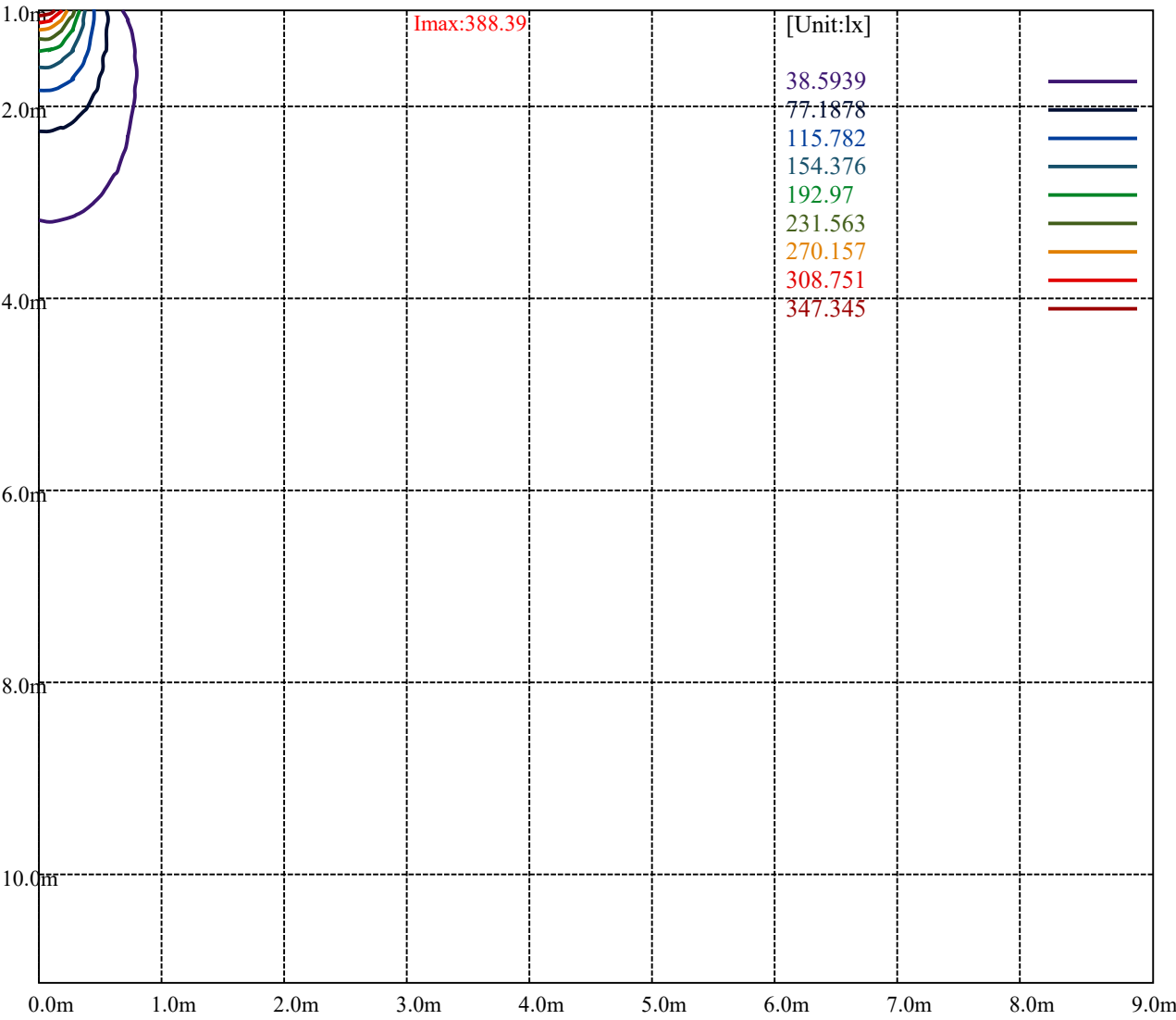
[Unit:cd]

Road

Imax:388.39	
(10%Imax) 38.8395	<div></div>
(20%Imax) 77.6789	<div></div>
(30%Imax) 116.518	<div></div>
(40%Imax) 155.358	<div></div>
(50%Imax) 194.197	<div></div>
(60%Imax) 233.037	<div></div>
(70%Imax) 271.876	<div></div>
(80%Imax) 310.716	<div></div>
(90%Imax) 349.555	<div></div>



(10%Emax) 2.412119	—
(20%Emax) 4.824244	—
(30%Emax) 7.236375	—
(40%Emax) 9.6485	—
(50%Emax) 12.06063	—
(60%Emax) 14.47275	—
(70%Emax) 16.88487	—
(80%Emax) 19.29694	—
(90%Emax) 21.70906	—



Luminance Table

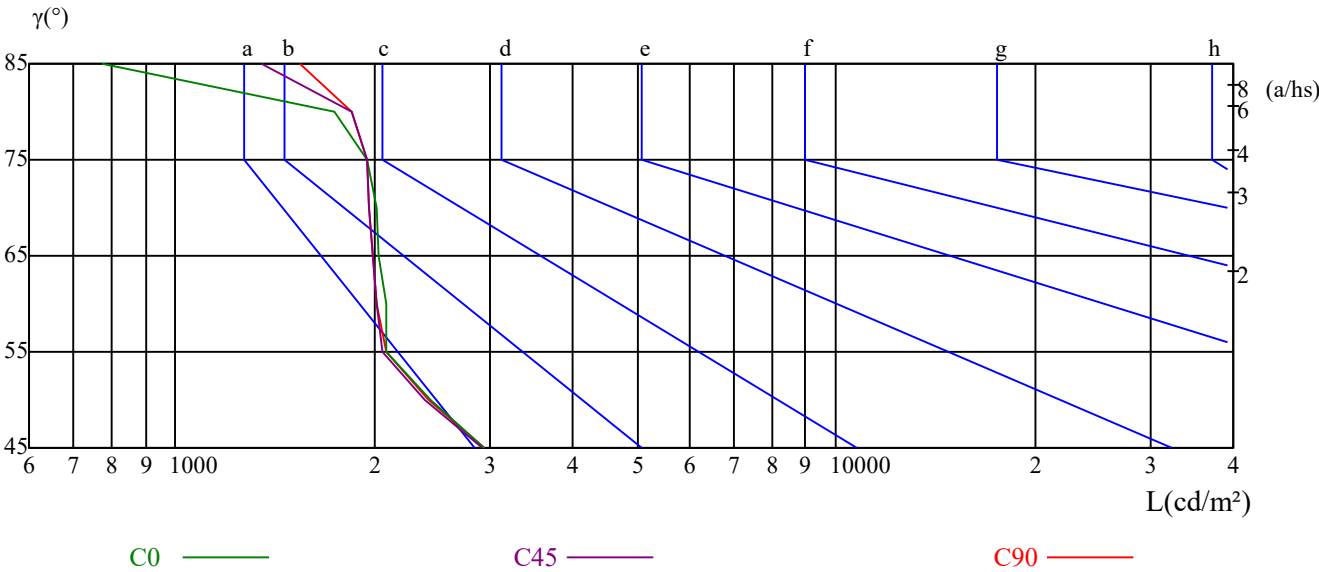
$\gamma$	45	50	55	60	65	70	75	80	85
C0	2930	2437	2085	2088	2032	2019	1952	1746	773
C45	2906	2384	2055	2021	1993	1970	1952	1843	1353
C90	2930	2411	2085	2021	1993	1970	1952	1843	1546

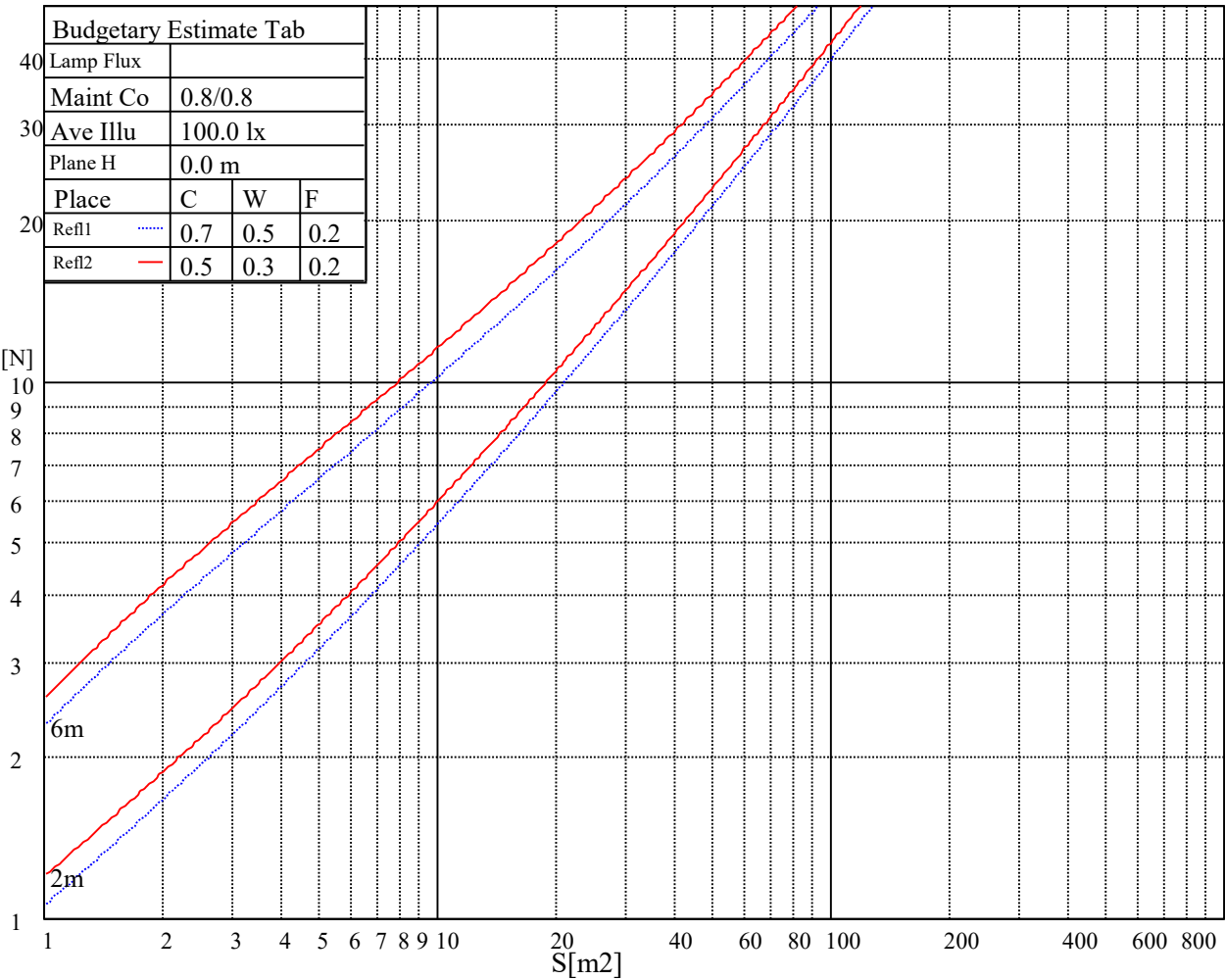
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2172	2132	2152	2180	2147	2180	1836	2029	2029

Glare Table

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

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.95	0.94	0.92
2	1.01	0.97	0.93	0.99	0.95	0.92	0.96	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.84
3	0.94	0.88	0.84	0.92	0.87	0.83	0.90	0.86	0.82	0.87	0.84	0.81	0.85	0.82	0.79	0.78
4	0.87	0.81	0.77	0.86	0.81	0.76	0.84	0.79	0.75	0.82	0.78	0.75	0.80	0.76	0.74	0.72
5	0.82	0.75	0.71	0.81	0.75	0.71	0.79	0.74	0.70	0.77	0.73	0.69	0.75	0.72	0.69	0.67
6	0.76	0.70	0.66	0.76	0.70	0.65	0.74	0.69	0.65	0.73	0.68	0.64	0.71	0.67	0.64	0.62
7	0.72	0.66	0.61	0.71	0.65	0.61	0.70	0.64	0.61	0.69	0.64	0.60	0.67	0.63	0.60	0.58
8	0.68	0.61	0.57	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.59	0.56	0.55
9	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.53	0.61	0.57	0.53	0.61	0.56	0.53	0.52
10	0.60	0.55	0.51	0.60	0.54	0.50	0.59	0.54	0.50	0.58	0.54	0.50	0.58	0.53	0.50	0.49



## SPKPL-RDLRE2Q-RGBTW-WH

Appendix Page: 17 Total:23

## Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	385.94	388.39	388.39	387.44	385.94	383.07	378.30	375.03	368.89
22.5	385.94	386.89	387.58	388.12	387.85	386.48	384.03	382.12	376.66
45.0	385.94	387.85	387.85	387.03	385.12	381.98	377.07	373.80	367.66
67.5	385.94	386.21	386.89	387.44	386.89	385.39	383.21	381.16	375.84
90.0	385.94	387.03	386.76	385.80	383.76	381.16	376.94	374.07	368.48
112.5	385.94	385.53	385.80	386.08	385.53	384.57	382.53	381.03	376.80
135.0	385.94	385.26	384.98	384.17	382.94	380.62	376.94	374.75	369.84
157.5	385.94	384.85	384.71	384.44	383.62	382.66	380.89	379.66	376.12
180.0	385.94	386.62	385.80	385.12	384.71	383.89	381.98	380.89	377.48
202.5	385.94	384.03	383.48	382.53	381.03	379.12	375.71	373.66	369.70
225.0	385.94	385.26	384.57	383.35	382.39	380.62	378.85	377.34	373.66
247.5	385.94	383.89	382.94	381.44	379.80	377.62	373.93	371.61	366.70
270.0	385.94	385.12	384.57	383.76	382.80	381.44	379.53	378.03	374.07
292.5	385.94	384.71	384.17	383.35	381.85	379.66	375.71	372.98	368.20
315.0	385.94	385.26	385.26	385.39	384.98	384.30	382.53	381.16	377.07
337.5	385.94	386.21	386.35	385.80	384.57	382.39	378.30	375.57	370.25
360.0	385.94	388.39	388.39	387.44	385.94	383.07	378.30	375.03	368.89

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	361.66	351.83	342.69	332.60	321.41	307.09	299.45	286.49	273.39
22.5	370.66	363.70	355.93	350.88	339.56	329.19	318.14	303.81	290.99
45.0	360.70	352.52	341.19	330.96	319.77	305.59	298.08	285.40	272.44
67.5	370.39	363.97	356.20	351.29	340.10	325.64	318.96	304.63	292.08
90.0	361.66	353.74	343.10	337.37	322.50	308.45	301.08	288.53	275.57
112.5	372.16	366.43	359.47	349.79	340.92	331.10	324.69	310.91	298.63
135.0	363.43	356.61	347.06	341.60	331.92	321.41	309.82	294.95	281.99
157.5	371.89	366.84	359.61	356.74	347.47	334.78	328.91	315.95	303.81
180.0	373.80	369.16	363.84	360.02	351.56	343.10	333.96	323.87	310.50
202.5	364.52	358.93	350.74	342.56	333.28	321.14	314.73	303.13	290.44
225.0	369.70	364.79	359.20	355.11	342.69	333.96	328.23	315.68	303.95
247.5	360.97	354.43	345.29	336.42	326.60	313.91	309.13	294.40	281.17
270.0	369.84	364.52	358.11	348.83	340.37	331.37	325.37	312.27	299.86
292.5	362.20	355.38	345.42	339.96	330.01	319.36	305.59	293.04	285.26
315.0	372.43	366.70	360.02	355.24	344.74	331.51	325.23	311.86	299.45
337.5	363.97	356.61	346.51	340.92	326.73	320.05	308.04	293.17	279.94
360.0	361.66	351.83	342.69	332.60	321.41	307.09	299.45	286.49	273.39

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	260.29	244.47	231.78	219.78	205.86	201.22	188.13	178.03	168.21
22.5	277.76	264.93	257.29	242.42	230.28	218.69	207.50	201.09	188.67
45.0	259.75	244.74	237.65	226.19	215.14	204.36	192.08	186.08	176.53
67.5	279.12	266.30	258.52	243.65	231.37	219.78	208.59	195.90	185.94
90.0	262.61	247.20	239.83	227.83	216.37	205.18	192.49	182.53	172.98
112.5	285.67	272.71	264.93	249.38	236.83	224.69	213.23	200.00	189.49
135.0	268.48	252.79	245.15	232.46	219.91	208.04	194.54	188.26	177.89
157.5	291.13	277.89	270.12	254.02	240.79	227.83	215.27	208.04	189.63
180.0	298.22	285.26	277.21	260.98	247.20	233.96	221.00	213.64	199.31
202.5	277.21	260.98	252.79	239.28	226.32	211.32	199.31	192.63	177.35
225.0	291.13	278.03	269.98	253.47	240.10	226.87	214.46	200.54	193.72
247.5	267.39	251.02	242.83	229.46	216.50	204.09	190.17	183.49	168.75
270.0	286.62	272.98	264.66	248.15	234.37	221.14	208.45	201.22	187.58
292.5	265.89	249.11	241.06	227.69	214.87	202.31	188.67	182.12	167.80
315.0	286.49	272.98	264.66	248.02	234.51	221.69	209.27	195.49	184.58
337.5	266.30	250.06	242.15	229.33	217.32	205.32	191.95	185.67	175.17
360.0	260.29	244.47	231.78	219.78	205.86	201.22	188.13	178.03	168.21

## SPKPL-RDLRE2Q-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	157.16	151.84	143.11	135.33	127.69	118.96	114.73	107.64	94.27
22.5	178.71	169.16	158.25	149.66	141.33	133.56	129.06	120.19	113.23
45.0	162.21	156.89	148.56	140.52	133.01	124.14	119.92	112.82	104.64
67.5	176.12	170.53	159.61	151.02	142.83	135.06	130.56	122.10	115.14
90.0	161.80	156.48	147.75	139.83	132.19	123.46	119.10	111.87	104.36
112.5	179.26	173.39	162.34	153.34	144.88	136.56	131.92	122.92	115.69
135.0	162.48	156.89	148.15	142.97	132.06	123.05	118.55	111.05	103.54
157.5	178.71	172.44	160.71	151.43	142.70	134.24	129.60	120.46	113.37
180.0	187.72	176.67	166.30	160.43	148.97	136.83	132.06	122.78	115.69
202.5	165.21	159.20	149.79	141.06	132.74	123.19	118.69	111.73	104.36
225.0	178.17	171.89	160.02	150.88	142.02	133.56	128.92	119.92	112.82
247.5	156.75	151.16	142.29	133.97	126.05	117.19	112.96	106.14	99.04
270.0	172.44	166.30	154.70	145.43	136.97	128.78	124.28	115.69	108.87
292.5	161.93	152.38	141.88	133.69	126.05	117.32	112.96	106.14	99.32
315.0	173.94	167.80	156.07	147.06	138.47	130.56	125.78	117.19	110.23
337.5	159.61	154.02	145.29	137.24	129.33	120.19	115.96	108.59	101.63
360.0	157.16	151.84	143.11	135.33	127.69	118.96	114.73	107.64	94.27
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	87.99	76.67	63.85	50.61	36.56	30.83	23.87	20.19	18.14
22.5	105.59	96.45	90.58	76.26	57.84	35.20	35.20	21.83	21.83
45.0	95.22	81.44	73.67	54.71	38.88	33.01	24.97	20.60	18.14
67.5	108.05	99.45	93.45	75.58	54.02	38.88	39.02	29.19	22.92
90.0	95.36	82.26	75.31	56.48	41.47	35.20	26.60	21.28	18.55
112.5	108.32	98.09	88.13	81.31	63.71	41.06	30.97	30.97	24.01
135.0	94.54	82.40	75.17	62.07	49.25	35.33	27.28	21.69	18.83
157.5	105.73	97.95	92.63	80.08	63.03	55.11	40.38	30.83	24.15
180.0	108.46	100.68	96.31	85.13	73.94	61.53	48.70	35.20	27.01
202.5	97.13	86.08	75.58	63.16	48.16	41.20	31.38	24.42	20.46
225.0	105.59	98.36	93.72	82.54	66.57	59.07	44.61	34.24	26.33
247.5	92.09	80.76	74.35	58.39	44.34	39.97	29.33	23.33	20.19
270.0	102.04	94.81	89.90	74.08	62.75	55.52	41.34	32.06	25.37
292.5	90.86	79.12	72.44	60.03	48.29	35.33	27.28	22.37	19.51
315.0	103.27	96.04	90.58	73.94	61.94	40.38	40.38	30.56	24.28
337.5	93.04	80.22	73.26	55.93	48.43	34.92	26.47	21.55	19.10
360.0	87.99	76.67	63.85	50.61	36.56	30.83	23.87	20.19	18.14
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	16.78	16.10	14.73	13.64	13.37	12.69	12.01	11.32	10.50
22.5	18.69	17.87	16.37	15.42	14.60	13.51	13.10	12.41	11.60
45.0	16.64	16.10	15.01	14.05	13.23	12.41	12.01	11.19	10.37
67.5	19.51	18.14	16.51	15.55	14.60	13.51	13.23	12.28	11.73
90.0	16.78	16.23	15.28	14.19	13.37	12.55	12.14	11.19	10.50
112.5	20.05	18.69	16.92	15.82	14.87	13.92	12.96	12.28	11.73
135.0	17.19	16.51	15.55	14.60	13.64	12.69	12.41	11.60	11.05
157.5	20.19	18.83	17.05	16.10	15.14	14.32	13.78	12.82	12.01
180.0	21.96	20.05	18.01	16.78	15.82	14.87	14.46	13.51	12.55
202.5	18.14	17.46	16.51	15.55	14.60	13.78	13.37	12.41	11.60
225.0	21.69	20.05	18.01	17.05	16.10	15.28	14.19	13.64	12.82
247.5	18.28	17.60	16.64	15.69	14.73	13.78	13.37	12.28	11.60
270.0	21.28	19.78	18.01	16.92	15.96	15.14	14.60	13.64	12.96
292.5	17.87	17.19	16.23	15.28	14.32	13.51	12.96	12.28	11.73
315.0	20.46	19.24	17.60	16.51	15.55	14.46	13.64	12.96	12.28
337.5	17.33	16.78	15.69	14.87	13.92	13.10	12.69	11.73	11.05
360.0	16.78	16.10	14.73	13.64	13.37	12.69	12.01	11.32	10.50

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

C/ $\gamma$ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	10.23	9.69	9.41	9.14	8.73	8.59	8.46	7.91	7.78
22.5	11.05	10.23	9.82	9.41	9.00	9.00	8.73	8.32	8.05
45.0	10.10	9.55	9.28	8.87	8.59	8.46	8.19	7.91	7.64
67.5	11.05	10.37	9.82	9.41	9.00	8.87	8.59	8.32	8.05
90.0	10.10	9.69	9.14	9.00	8.59	8.46	8.19	7.91	7.64
112.5	11.32	10.50	9.96	9.41	9.14	8.87	8.59	8.32	8.05
135.0	10.23	9.82	9.28	8.87	8.73	8.59	8.32	8.05	7.78
157.5	11.60	10.78	10.10	9.69	9.28	9.00	8.73	8.59	8.32
180.0	12.14	11.60	11.05	10.10	9.69	9.41	9.00	8.73	8.46
202.5	11.19	10.50	10.10	9.41	9.14	9.00	8.87	8.46	8.32
225.0	12.41	11.60	10.91	10.37	9.82	9.69	9.28	9.00	8.73
247.5	11.19	10.64	10.10	9.69	9.28	9.14	8.87	8.59	8.46
270.0	12.28	11.46	10.78	10.23	9.82	9.55	9.28	9.00	8.73
292.5	11.05	10.37	9.96	9.55	9.14	9.00	8.73	8.46	8.19
315.0	11.87	11.05	10.50	10.10	9.55	9.41	9.14	8.73	8.59
337.5	10.64	10.10	9.69	9.28	9.00	8.73	8.59	8.32	8.05
360.0	10.23	9.69	9.41	9.14	8.73	8.59	8.46	7.91	7.78
C/ $\gamma$ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.50	7.23	6.96	6.55	6.41	6.28	5.87	5.59	5.18
22.5	7.78	7.64	7.37	6.96	6.82	6.55	6.28	5.87	5.73
45.0	7.37	7.23	6.82	6.41	6.28	6.00	5.73	5.46	5.05
67.5	7.78	7.64	7.23	6.96	6.82	6.41	6.14	5.87	5.59
90.0	7.37	7.23	6.82	6.41	6.28	6.14	5.73	5.46	5.18
112.5	7.78	7.78	7.37	7.09	6.82	6.55	6.28	6.00	5.73
135.0	7.50	7.37	6.96	6.55	6.55	6.14	5.87	5.59	5.18
157.5	8.05	7.78	7.64	7.23	6.96	6.68	6.41	6.14	5.87
180.0	8.32	8.19	7.91	7.64	7.37	6.96	6.68	6.55	6.14
202.5	7.91	7.78	7.50	7.09	6.96	6.68	6.41	6.14	5.73
225.0	8.46	8.32	8.05	7.64	7.37	7.23	6.82	6.55	6.28
247.5	8.05	7.78	7.50	7.37	6.96	6.68	6.41	6.14	5.73
270.0	8.46	8.32	7.78	7.64	7.50	7.09	6.82	6.55	6.14
292.5	7.91	7.78	7.37	7.23	6.82	6.55	6.41	6.00	5.59
315.0	8.19	8.05	7.64	7.37	7.23	6.82	6.68	6.28	6.00
337.5	7.64	7.50	7.37	6.82	6.55	6.41	6.00	5.73	5.46
360.0	7.50	7.23	6.96	6.55	6.41	6.28	5.87	5.59	5.18
C/ $\gamma$ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.05	4.64	4.23	4.09	3.68	3.41	3.00	2.73	2.46
22.5	5.46	5.05	4.77	4.50	4.23	3.96	3.68	3.27	3.00
45.0	4.91	4.64	4.23	4.09	3.68	3.41	3.00	2.73	2.59
67.5	5.46	5.05	4.77	4.50	4.23	3.96	3.68	3.41	3.14
90.0	5.05	4.64	4.37	4.09	3.82	3.41	3.14	2.86	2.59
112.5	5.59	5.18	4.91	4.64	4.23	3.96	3.55	3.27	3.14
135.0	5.18	4.77	4.50	4.23	3.82	3.68	3.41	2.86	2.59
157.5	5.73	5.32	5.05	4.77	4.50	4.23	3.96	3.55	3.27
180.0	5.87	5.59	5.32	5.05	4.64	4.50	4.23	3.68	3.55
202.5	5.59	5.18	4.91	4.64	4.23	4.09	3.68	3.27	3.00
225.0	6.14	5.73	5.32	5.05	4.77	4.64	4.09	3.82	3.55
247.5	5.59	5.18	4.91	4.64	4.23	4.09	3.68	3.14	3.00
270.0	6.00	5.59	5.32	4.91	4.50	4.37	3.82	3.55	3.41
292.5	5.46	5.18	4.77	4.50	4.09	3.82	3.55	3.27	2.86
315.0	5.87	5.46	5.18	4.91	4.64	4.23	3.96	3.55	3.41
337.5	5.18	5.05	4.64	4.37	3.96	3.82	3.27	3.14	2.73
360.0	5.05	4.64	4.23	4.09	3.68	3.41	3.00	2.73	2.46

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 20 Total:23

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.18	1.77	1.36	0.82	0.55	0.00	0.00	0.00	0.00
22.5	2.46	2.18	2.05	1.64	1.50	0.95	0.55	0.27	0.14
45.0	2.18	1.91	1.50	1.23	0.95	0.55	0.27	0.00	0.00
67.5	2.73	2.32	2.05	1.77	1.64	1.23	0.82	0.55	0.27
90.0	2.32	2.05	1.77	1.23	1.09	0.82	0.41	0.14	0.00
112.5	2.86	2.59	2.18	1.91	1.64	1.36	0.95	0.68	0.27
135.0	2.32	2.18	1.77	1.23	0.95	0.68	0.41	0.27	0.00
157.5	2.86	2.59	2.18	1.91	1.64	1.23	0.95	0.55	0.27
180.0	3.14	3.00	2.32	2.18	2.05	1.50	1.23	0.82	0.41
202.5	2.73	2.46	2.05	1.64	1.50	1.23	0.82	0.55	0.14
225.0	3.27	2.86	2.59	2.32	2.05	1.64	1.23	1.09	0.68
247.5	2.73	2.59	2.05	1.64	1.50	1.09	0.82	0.41	0.00
270.0	2.86	2.59	2.32	2.05	1.77	1.50	1.09	0.82	0.55
292.5	2.59	2.32	1.91	1.23	0.95	0.55	0.27	0.14	0.00
315.0	3.00	2.59	2.32	2.05	1.77	1.36	0.95	0.68	0.27
337.5	2.32	2.05	1.77	1.23	1.09	0.68	0.41	0.14	0.00
360.0	2.18	1.77	1.36	0.82	0.55	0.00	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	0.14	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	0.14	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	0.41	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	0.14	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

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 21 Total:23

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14	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
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.14	0.14	0.00	0.14	0.00	0.14	0.14	0.14	0.14
22.5	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14
45.0	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14
67.5	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.00	0.14	0.14	0.14
112.5	0.14	0.14	0.00	0.14	0.14	0.00	0.00	0.00	0.14
135.0	0.00	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14
157.5	0.00	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.00	0.00	0.00	0.14	0.00	0.14	0.14	0.14
202.5	0.14	0.14	0.00	0.00	0.00	0.14	0.00	0.14	0.14
225.0	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.14
247.5	0.00	0.14	0.14	0.00	0.14	0.00	0.00	0.14	0.00
270.0	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.14
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
315.0	0.14	0.14	0.00	0.00	0.00	0.14	0.14	0.14	0.14
337.5	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.00	0.14	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	0.14	0.14	0.14	0.27	0.14	0.41	0.27	0.27	0.27
22.5	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27
45.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
90.0	0.14	0.14	0.27	0.14	0.27	0.27	0.27	0.27	0.27
112.5	0.14	0.27	0.27	0.27	0.14	0.14	0.27	0.27	0.27
135.0	0.14	0.14	0.14	0.14	0.14	0.41	0.27	0.27	0.27
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
202.5	0.14	0.14	0.27	0.00	0.27	0.27	0.27	0.27	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.27
270.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.14	0.14
292.5	0.14	0.14	0.14	0.27	0.27	0.14	0.27	0.27	0.14
315.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27
360.0	0.14	0.14	0.14	0.27	0.14	0.41	0.27	0.27	0.27

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

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

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

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

## SPKPL-RDLRE2Q-RGBTW-WH

Intensity data(cd)

Appendix Page: 23 Total:23

C/ $\gamma(^{\circ})$	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09
22.5	0.95	0.82	0.95	0.95	0.95	1.09	0.95	1.09	1.09
45.0	0.95	0.82	0.95	0.95	1.09	1.09	1.09	1.09	0.95
67.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09
90.0	0.95	0.95	0.95	1.09	0.95	0.95	1.09	1.09	1.09
112.5	0.95	0.95	0.95	0.82	0.95	0.95	0.95	0.95	0.95
135.0	0.95	0.95	0.95	0.95	1.09	0.95	1.09	1.09	1.09
157.5	0.95	0.82	0.95	0.95	0.95	0.95	0.95	0.95	0.95
180.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
202.5	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09	1.09
225.0	0.82	0.82	0.95	0.95	0.95	0.95	0.95	0.95	1.09
247.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09
270.0	0.95	0.95	0.95	0.95	0.95	0.95	1.09	0.95	1.09
292.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09
315.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09
337.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09
360.0	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.09	1.09
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.09	1.09	0.95	1.09	1.09	1.09	1.09	0.95	1.09
22.5	0.95	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
45.0	1.09	1.09	0.95	0.95	1.09	1.09	1.09	1.09	1.23
67.5	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
90.0	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.09
112.5	0.95	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.23
135.0	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.23
157.5	1.09	0.95	1.09	1.09	1.09	1.09	1.09	1.09	1.09
180.0	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
202.5	1.09	0.95	1.23	1.09	1.09	1.09	1.23	1.23	1.09
225.0	0.95	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
247.5	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.09	1.09
270.0	1.09	1.09	1.09	1.09	1.23	1.09	1.09	1.09	1.23
292.5	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
315.0	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
337.5	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.23
360.0	1.09	1.09	0.95	1.09	1.09	1.09	1.09	0.95	1.09
C/ $\gamma(^{\circ})$	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								