



Bell-Southcn Testing Laboratory(Shenzhen)

www.bell-southcn.com

Email:Marketing@bell-southcn.com

Tel:+86 189 2384 7751

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: BST24111402-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.016

Lamp flux(lm)

Power (W): 1.727

Number of Lamps: 1

PF: 0.850

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 88.48, Luminous Efficacy(lm/W): 51.23

Central intensity(cd): 144.61, Maximum intensity(cd): 144.88

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=39.6

[C90/270]Total=39.7

Field angle(10%Imax): [C0/180]Total=74.8

[C90/270]Total=74.0

Maximum s/h(1/2): C0_180=0.67 C90_270=0.60

Maximum s/h(1/4): C0_180=0.71 C90_270=0.65

Up flux rate of LUM(%): 0.22%

Down flux rate of LUM(%): 99.78%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 95.981%

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	144.608	0.000	0.000	0.000%	0.000%
1.0	144.412	0.138	0.138	0.156%	0.156%
2.0	143.823	0.414	0.552	0.468%	0.624%
3.0	142.647	0.685	1.237	0.774%	1.398%
4.0	140.865	0.949	2.186	1.073%	2.471%
5.0	138.452	1.202	3.388	1.358%	3.829%
6.0	136.107	1.443	4.831	1.631%	5.460%
7.0	133.361	1.673	6.503	1.890%	7.350%
8.0	129.994	1.885	8.388	2.130%	9.480%
9.0	125.841	2.073	10.461	2.343%	11.823%
10.0	121.501	2.238	12.700	2.530%	14.353%
11.0	117.281	2.386	15.086	2.697%	17.050%
12.0	112.327	2.510	17.596	2.837%	19.886%
13.0	107.381	2.607	20.203	2.947%	22.833%
14.0	102.138	2.682	22.885	3.031%	25.864%
15.0	97.167	2.736	25.621	3.092%	28.957%
16.0	92.239	2.775	28.396	3.137%	32.093%
17.0	86.867	2.789	31.185	3.152%	35.246%
18.0	81.402	2.774	33.960	3.136%	38.381%
19.0	76.550	2.748	36.708	3.106%	41.487%
20.0	72.347	2.725	39.433	3.080%	44.567%
21.0	67.955	2.694	42.127	3.045%	47.612%
22.0	63.095	2.634	44.761	2.976%	50.588%
23.0	58.670	2.555	47.316	2.888%	53.476%
24.0	55.012	2.486	49.801	2.809%	56.285%
25.0	51.414	2.420	52.221	2.735%	59.020%
26.0	47.987	2.346	54.567	2.652%	61.672%
27.0	44.610	2.265	56.833	2.560%	64.232%
28.0	41.779	2.187	59.020	2.472%	66.704%
29.0	39.017	2.114	61.134	2.389%	69.093%
30.0	36.195	2.031	63.165	2.295%	71.388%
31.0	33.466	1.939	65.103	2.191%	73.579%
32.0	31.079	1.849	66.952	2.090%	75.669%
33.0	28.794	1.764	68.716	1.994%	77.662%
34.0	26.517	1.674	70.390	1.892%	79.554%
35.0	23.891	1.565	71.955	1.769%	81.323%
36.0	21.290	1.439	73.394	1.626%	82.949%
37.0	19.014	1.315	74.709	1.486%	84.435%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	16.601	1.189	75.897	1.344%	85.779%
39.0	13.600	1.031	76.928	1.165%	86.944%
40.0	10.965	0.857	77.785	0.968%	87.912%
41.0	9.285	0.721	78.506	0.815%	88.727%
42.0	7.750	0.619	79.125	0.700%	89.426%
43.0	6.599	0.532	79.656	0.601%	90.027%
44.0	6.642	0.500	80.156	0.565%	90.592%
45.0	5.858	0.480	80.637	0.543%	91.135%
46.0	5.244	0.434	81.071	0.491%	91.626%
47.0	4.690	0.395	81.466	0.447%	92.072%
48.0	4.186	0.359	81.825	0.406%	92.478%
49.0	3.803	0.328	82.153	0.371%	92.848%
50.0	3.538	0.306	82.459	0.346%	93.194%
51.0	3.351	0.291	82.750	0.329%	93.524%
52.0	3.163	0.280	83.030	0.316%	93.840%
53.0	2.967	0.267	83.297	0.301%	94.141%
54.0	2.822	0.255	83.552	0.288%	94.429%
55.0	2.694	0.246	83.798	0.278%	94.708%
56.0	2.558	0.237	84.035	0.268%	94.976%
57.0	2.456	0.229	84.265	0.259%	95.235%
58.0	2.387	0.224	84.488	0.253%	95.488%
59.0	2.319	0.220	84.708	0.249%	95.737%
60.0	2.259	0.216	84.925	0.244%	95.981%
61.0	2.183	0.212	85.137	0.240%	96.221%
62.0	2.132	0.208	85.345	0.235%	96.456%
63.0	2.038	0.203	85.547	0.229%	96.685%
64.0	2.004	0.198	85.746	0.224%	96.909%
65.0	1.935	0.195	85.941	0.220%	97.130%
66.0	1.833	0.188	86.129	0.213%	97.342%
67.0	1.773	0.181	86.310	0.205%	97.547%
68.0	1.688	0.175	86.485	0.198%	97.745%
69.0	1.594	0.167	86.653	0.189%	97.934%
70.0	1.526	0.160	86.813	0.181%	98.116%
71.0	1.441	0.153	86.967	0.173%	98.289%
72.0	1.381	0.147	87.113	0.166%	98.455%
73.0	1.296	0.140	87.253	0.158%	98.613%
74.0	1.219	0.132	87.386	0.149%	98.762%
75.0	1.117	0.123	87.509	0.140%	98.902%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.040	0.115	87.624	0.129%	99.031%
77.0	0.938	0.105	87.729	0.119%	99.151%
78.0	0.827	0.094	87.823	0.107%	99.257%
79.0	0.776	0.086	87.910	0.097%	99.355%
80.0	0.665	0.078	87.987	0.088%	99.442%
81.0	0.571	0.067	88.054	0.076%	99.518%
82.0	0.477	0.057	88.111	0.064%	99.582%
83.0	0.418	0.049	88.160	0.055%	99.637%
84.0	0.324	0.040	88.200	0.046%	99.683%
85.0	0.290	0.034	88.234	0.038%	99.721%
86.0	0.196	0.027	88.260	0.030%	99.751%
87.0	0.111	0.017	88.277	0.019%	99.770%
88.0	0.051	0.009	88.286	0.010%	99.780%
89.0	0.000	0.003	88.289	0.003%	99.783%
90.0	0.000	0.000	88.289	0.000%	99.783%
91.0	0.000	0.000	88.289	0.000%	99.783%
92.0	0.000	0.000	88.289	0.000%	99.783%
93.0	0.000	0.000	88.289	0.000%	99.783%
94.0	0.000	0.000	88.289	0.000%	99.783%
95.0	0.000	0.000	88.289	0.000%	99.783%
96.0	0.000	0.000	88.289	0.000%	99.783%
97.0	0.000	0.000	88.289	0.000%	99.783%
98.0	0.000	0.000	88.289	0.000%	99.783%
99.0	0.000	0.000	88.289	0.000%	99.783%
100.0	0.000	0.000	88.289	0.000%	99.783%
101.0	0.000	0.000	88.289	0.000%	99.783%
102.0	0.000	0.000	88.289	0.000%	99.783%
103.0	0.000	0.000	88.289	0.000%	99.783%
104.0	0.000	0.000	88.289	0.000%	99.783%
105.0	0.000	0.000	88.289	0.000%	99.783%
106.0	0.000	0.000	88.289	0.000%	99.783%
107.0	0.000	0.000	88.289	0.000%	99.783%
108.0	0.000	0.000	88.289	0.000%	99.783%
109.0	0.000	0.000	88.289	0.000%	99.783%
110.0	0.000	0.000	88.289	0.000%	99.783%
111.0	0.000	0.000	88.289	0.000%	99.783%
112.0	0.000	0.000	88.289	0.000%	99.783%
113.0	0.000	0.000	88.289	0.000%	99.783%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	88.289	0.000%	99.783%
115.0	0.000	0.000	88.289	0.000%	99.783%
116.0	0.000	0.000	88.289	0.000%	99.783%
117.0	0.000	0.000	88.289	0.000%	99.783%
118.0	0.000	0.000	88.289	0.000%	99.783%
119.0	0.000	0.000	88.289	0.000%	99.783%
120.0	0.000	0.000	88.289	0.000%	99.783%
121.0	0.000	0.000	88.289	0.000%	99.783%
122.0	0.000	0.000	88.289	0.000%	99.783%
123.0	0.000	0.000	88.289	0.000%	99.783%
124.0	0.000	0.000	88.289	0.000%	99.783%
125.0	0.000	0.000	88.289	0.000%	99.783%
126.0	0.000	0.000	88.289	0.000%	99.783%
127.0	0.000	0.000	88.289	0.000%	99.783%
128.0	0.000	0.000	88.289	0.000%	99.783%
129.0	0.000	0.000	88.289	0.000%	99.783%
130.0	0.000	0.000	88.289	0.000%	99.783%
131.0	0.000	0.000	88.289	0.000%	99.783%
132.0	0.000	0.000	88.289	0.000%	99.783%
133.0	0.000	0.000	88.289	0.000%	99.783%
134.0	0.000	0.000	88.289	0.000%	99.783%
135.0	0.000	0.000	88.289	0.000%	99.783%
136.0	0.000	0.000	88.289	0.000%	99.783%
137.0	0.000	0.000	88.289	0.000%	99.783%
138.0	0.017	0.001	88.289	0.001%	99.784%
139.0	0.009	0.001	88.290	0.001%	99.785%
140.0	0.034	0.002	88.292	0.002%	99.787%
141.0	0.009	0.001	88.293	0.002%	99.788%
142.0	0.051	0.002	88.295	0.002%	99.791%
143.0	0.034	0.003	88.298	0.003%	99.794%
144.0	0.043	0.003	88.301	0.003%	99.797%
145.0	0.060	0.003	88.304	0.004%	99.800%
146.0	0.094	0.005	88.309	0.005%	99.806%
147.0	0.111	0.006	88.315	0.007%	99.813%
148.0	0.111	0.007	88.321	0.007%	99.820%
149.0	0.136	0.007	88.328	0.008%	99.828%
150.0	0.128	0.007	88.336	0.008%	99.836%
151.0	0.136	0.007	88.343	0.008%	99.844%

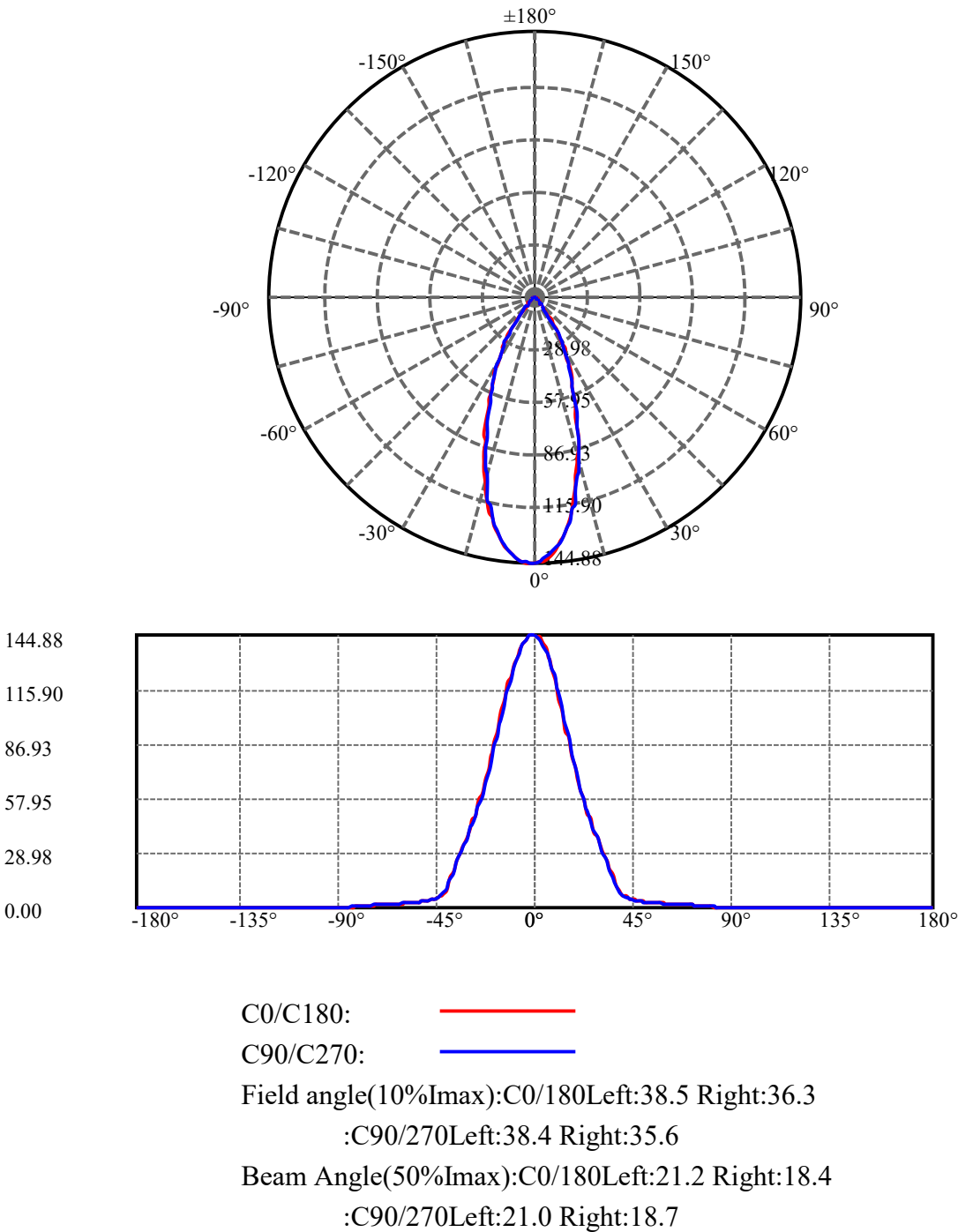
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.136	0.007	88.350	0.008%	99.852%
153.0	0.128	0.007	88.357	0.008%	99.860%
154.0	0.136	0.006	88.363	0.007%	99.867%
155.0	0.145	0.007	88.370	0.008%	99.875%
156.0	0.136	0.006	88.376	0.007%	99.882%
157.0	0.162	0.007	88.383	0.007%	99.889%
158.0	0.153	0.007	88.389	0.007%	99.897%
159.0	0.136	0.006	88.395	0.007%	99.904%
160.0	0.162	0.006	88.401	0.006%	99.910%
161.0	0.162	0.006	88.407	0.007%	99.917%
162.0	0.171	0.006	88.413	0.007%	99.923%
163.0	0.188	0.006	88.419	0.007%	99.930%
164.0	0.179	0.006	88.424	0.006%	99.936%
165.0	0.196	0.005	88.430	0.006%	99.943%
166.0	0.222	0.006	88.436	0.006%	99.949%
167.0	0.196	0.005	88.441	0.006%	99.955%
168.0	0.256	0.005	88.446	0.006%	99.961%
169.0	0.222	0.005	88.451	0.006%	99.967%
170.0	0.256	0.005	88.456	0.005%	99.972%
171.0	0.247	0.005	88.461	0.005%	99.978%
172.0	0.247	0.004	88.465	0.005%	99.982%
173.0	0.247	0.004	88.468	0.004%	99.986%
174.0	0.264	0.003	88.471	0.004%	99.990%
175.0	0.264	0.003	88.474	0.003%	99.993%
176.0	0.273	0.002	88.477	0.003%	99.995%
177.0	0.273	0.002	88.478	0.002%	99.998%
178.0	0.264	0.001	88.480	0.001%	99.999%
179.0	0.264	0.001	88.480	0.001%	100.000%
180.0	0.000	0.000	88.481	0.000%	100.000%

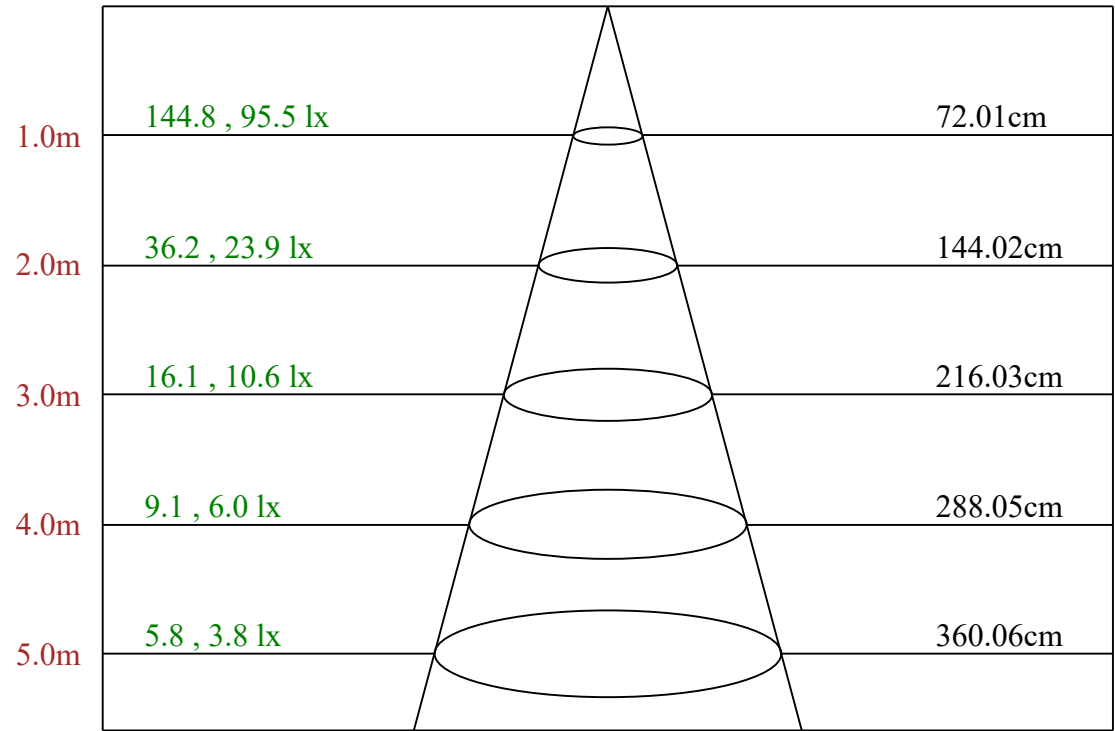
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	63.16	71.39%
0-40	77.78	87.91%
0-60	84.92	95.98%
0-90	88.29	99.78%
0-120	88.29	99.78%
0-180	88.48	100.00%
60-90	3.36	3.80%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.05	0.05%
90-180	0.19	0.22%
0-34.25	70.78	80.00%

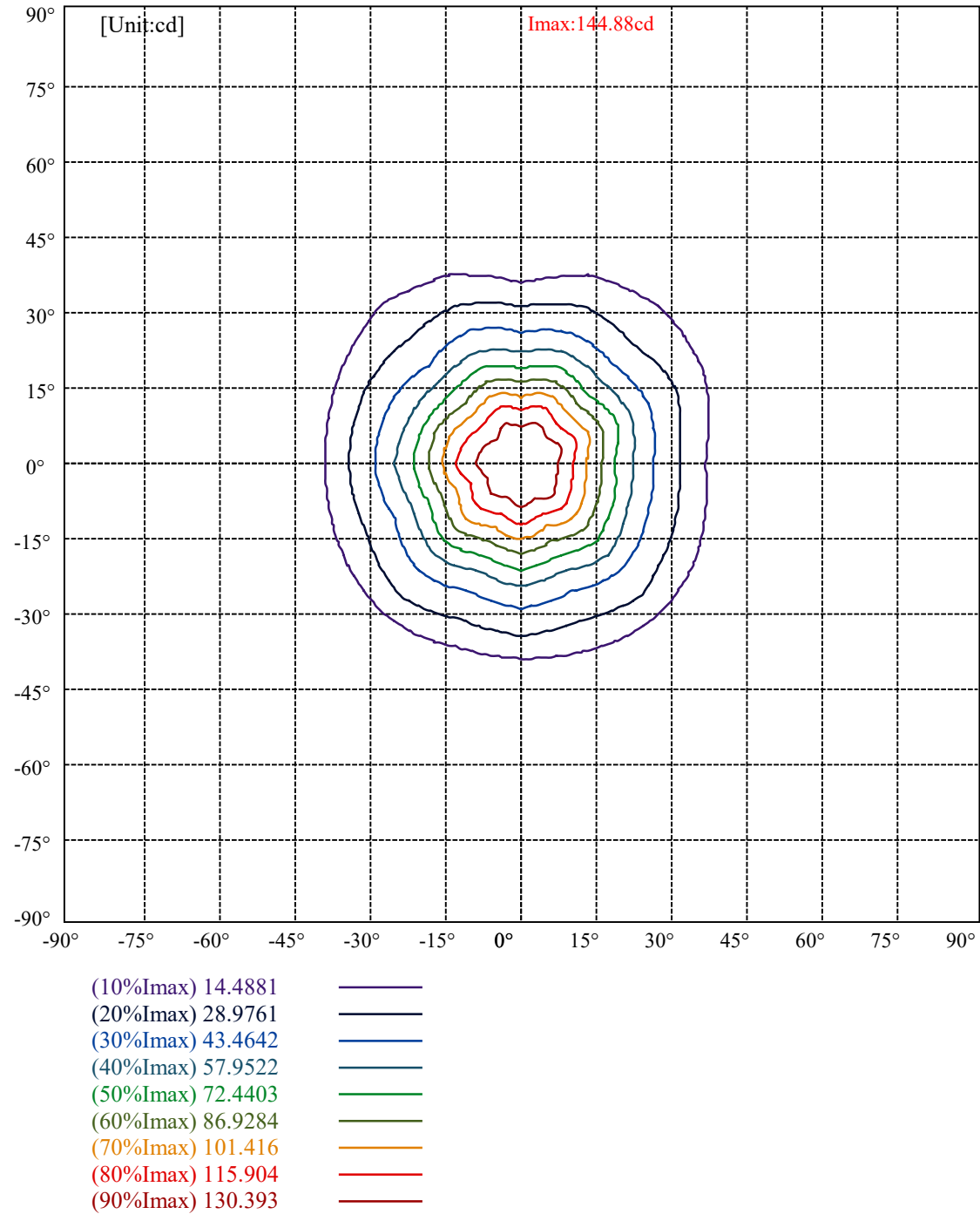
ZONAL LUMEN SUMMARY

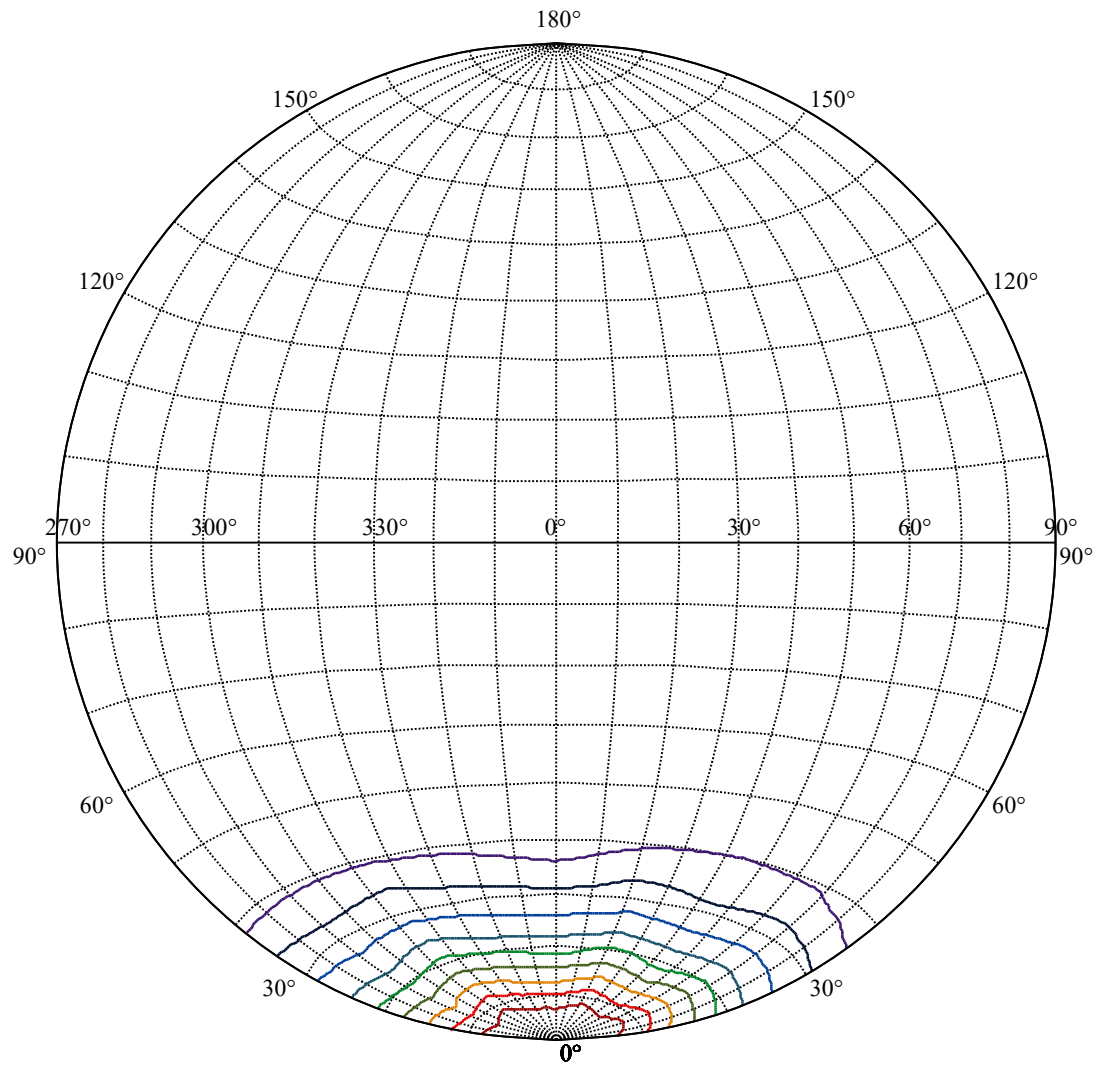
0-10	12.70
10-20	26.73
20-30	23.73
30-40	14.62
40-50	4.67
50-60	2.47
60-70	1.89
70-80	1.17
80-90	0.30
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.04
150-160	0.07
160-170	0.06
170-180	0.02





Max , Ave Beam angle of C0 plane 39.60



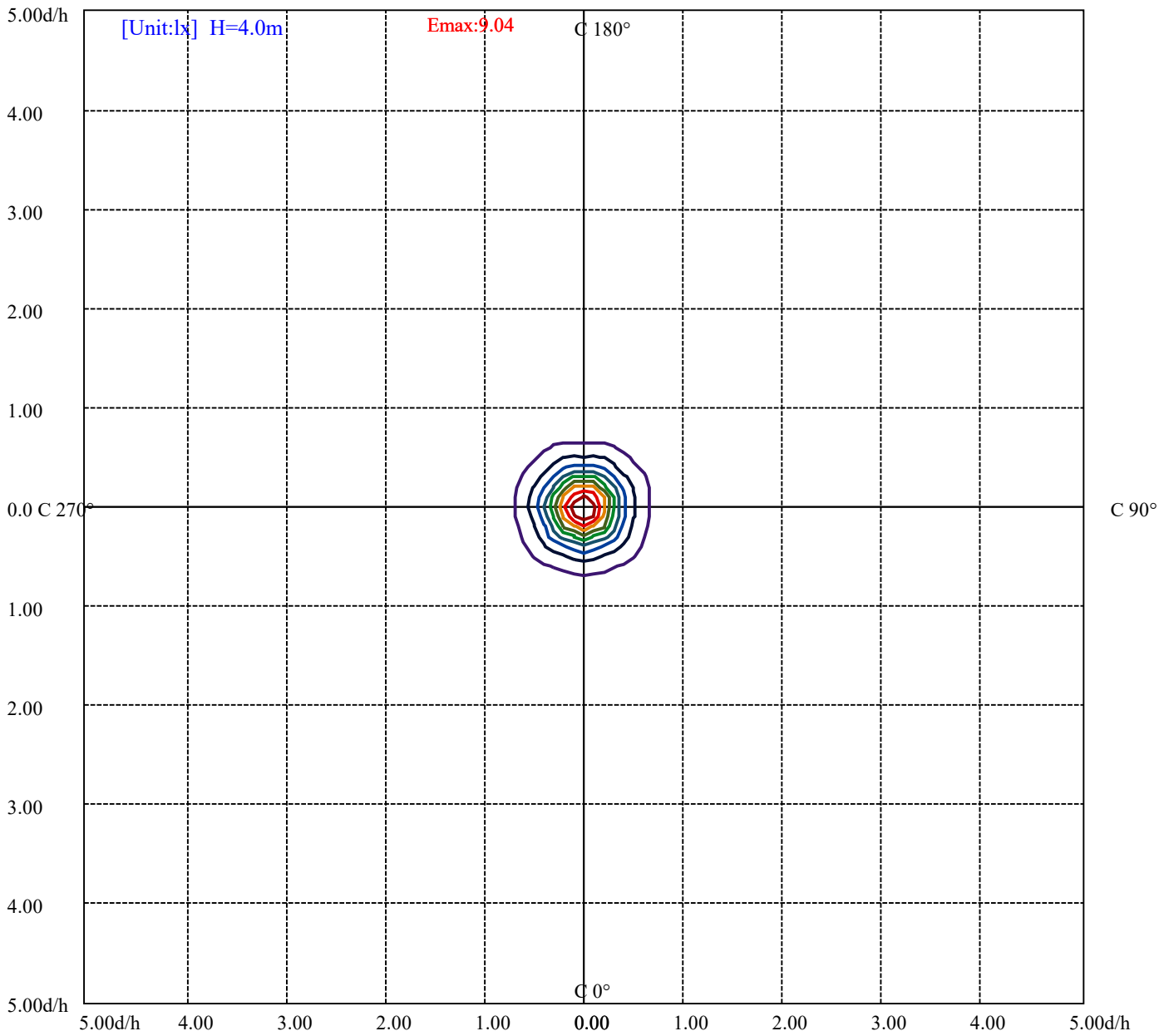


House

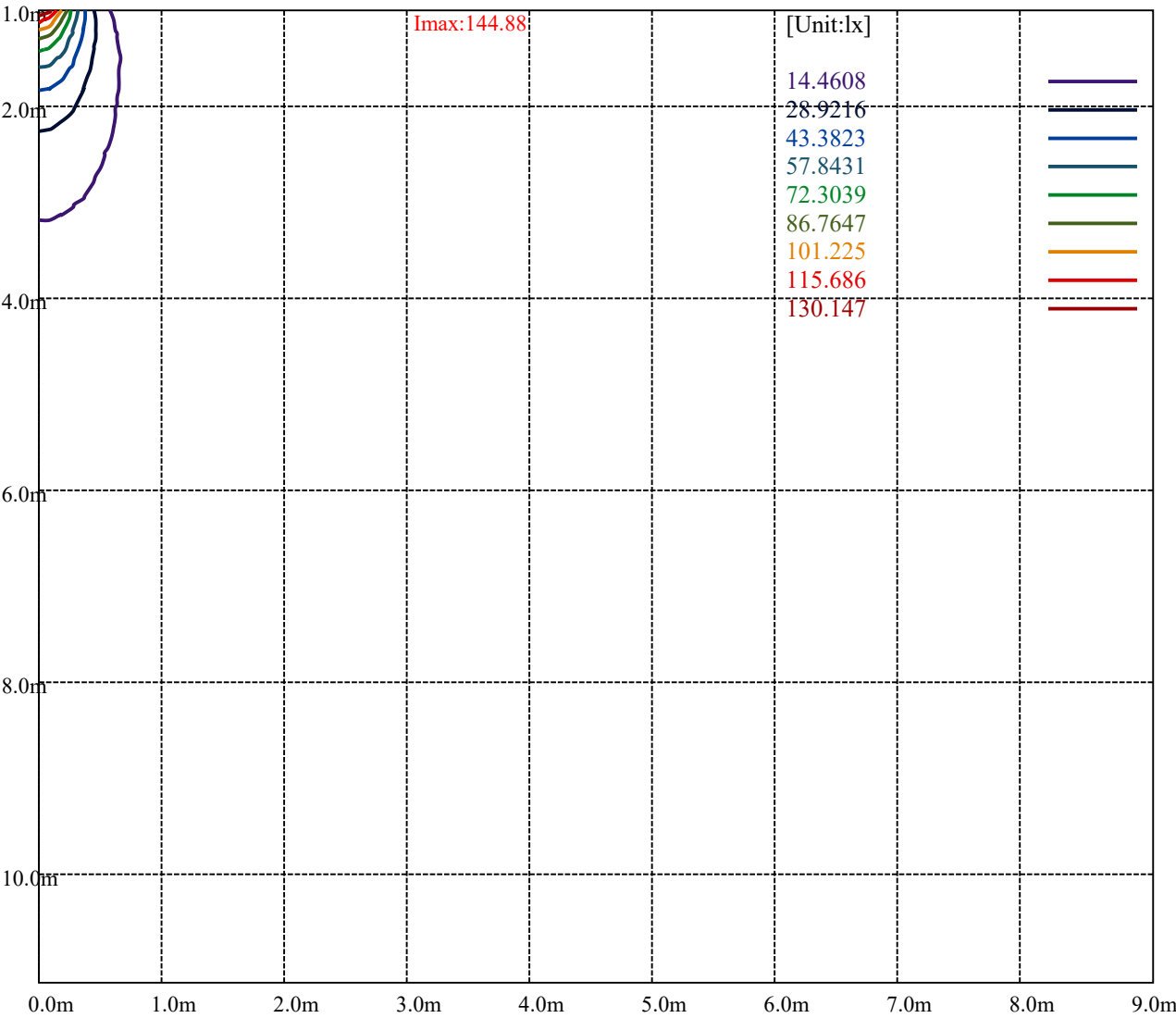
[Unit:cd]

Road

Imax:144.88	
(10%Imax) 14.4881	—
(20%Imax) 28.9761	—
(30%Imax) 43.4642	—
(40%Imax) 57.9522	—
(50%Imax) 72.4403	—
(60%Imax) 86.9284	—
(70%Imax) 101.416	—
(80%Imax) 115.904	—
(90%Imax) 130.393	—



(10%Emax) 0.9038	—
(20%Emax) 1.807594	—
(30%Emax) 2.711394	—
(40%Emax) 3.615194	—
(50%Emax) 4.518988	—
(60%Emax) 5.422788	—
(70%Emax) 6.326562	—
(80%Emax) 7.230375	—
(90%Emax) 8.134188	—



Luminance Table

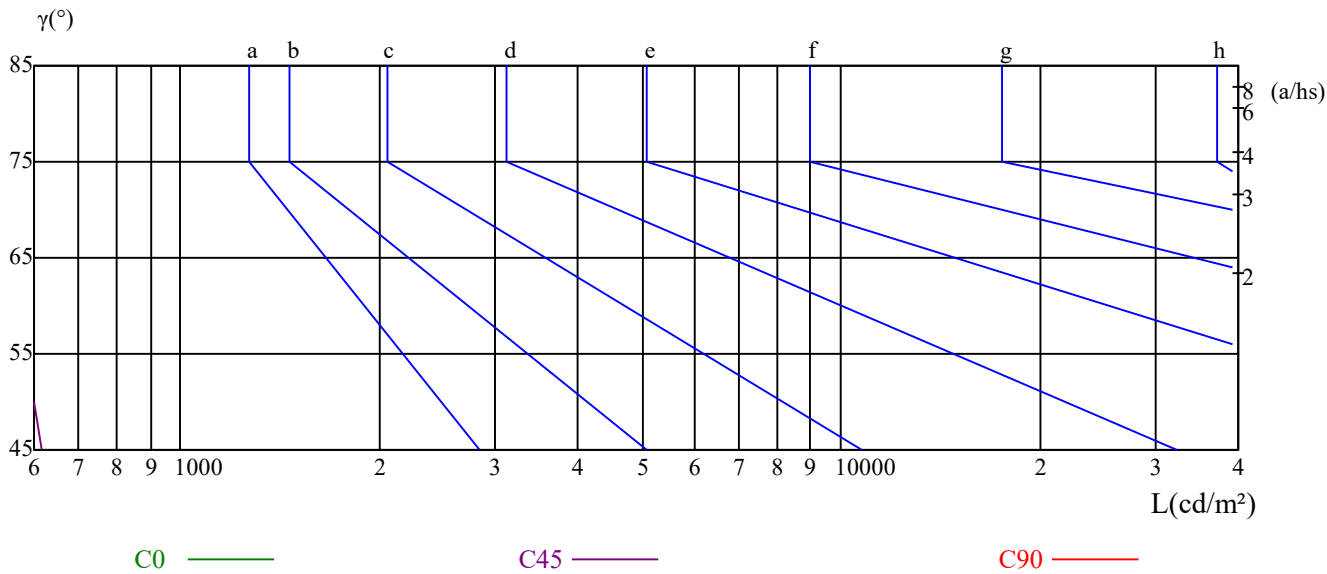
γ	45	50	55	60	65	70	75	80	85
C0	402	339	297	303	314	305	256	218	109
C45	616	383	330	303	291	277	293	218	217
C90	389	324	281	303	291	277	256	273	217

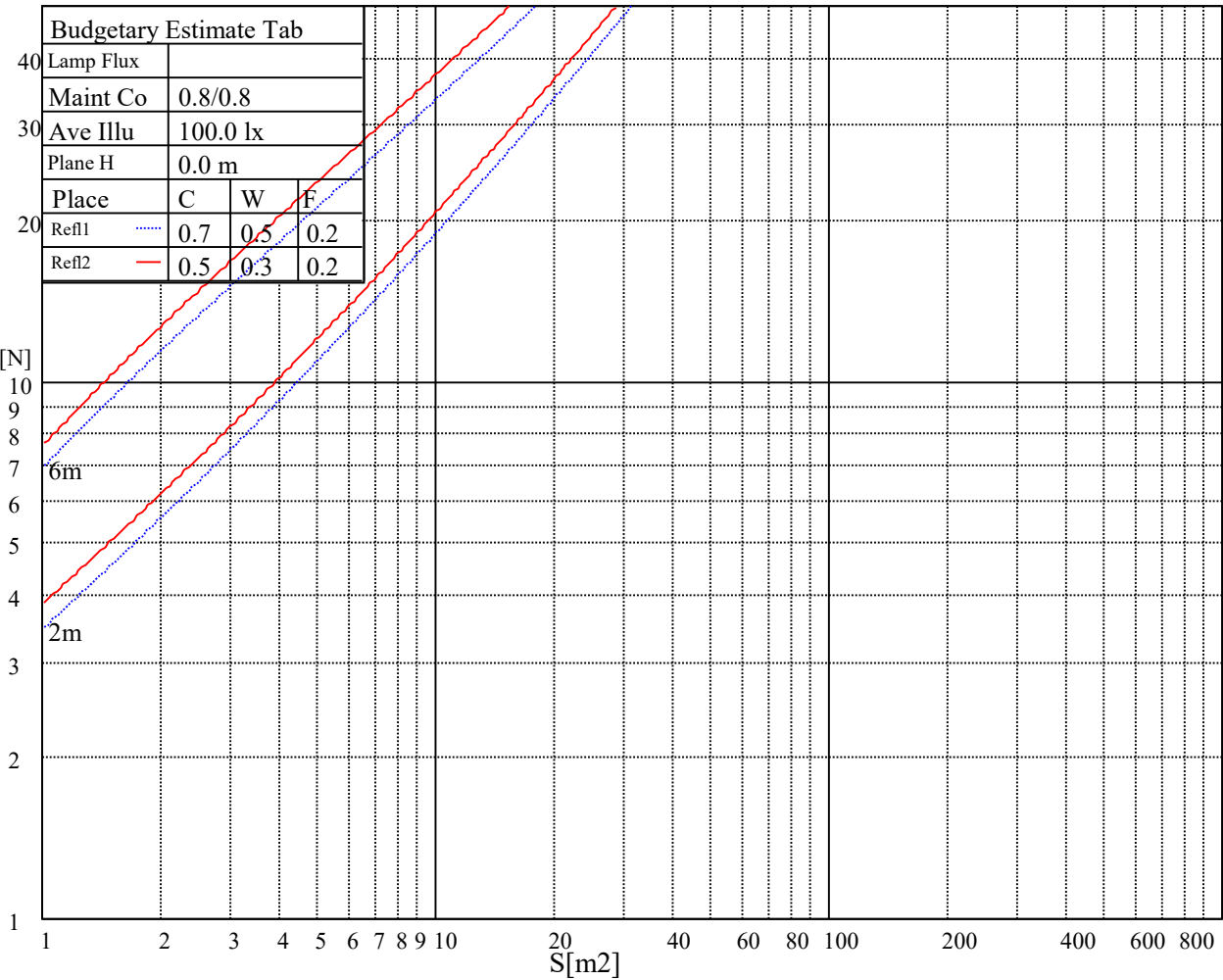
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
314	314	308	275	293	293	163	272	272

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	1.03	1.04	1.02	1.00	1.00	0.99	0.97	0.97	0.95	0.94	0.93
2	1.02	0.98	0.94	1.00	0.97	0.93	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	0.85	0.91	0.87	0.84	0.89	0.85	0.83	0.86	0.84	0.81	0.80
4	0.89	0.83	0.79	0.88	0.83	0.79	0.86	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.76	0.74
5	0.84	0.78	0.73	0.83	0.77	0.73	0.81	0.76	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.70
6	0.79	0.73	0.68	0.78	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.67	0.74	0.70	0.67	0.65
7	0.74	0.68	0.64	0.74	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.63	0.70	0.66	0.63	0.62
8	0.70	0.64	0.60	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.59	0.58
9	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.64	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	0.62	0.57	0.54	0.61	0.57	0.54	0.52

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	144.61	144.33	143.93	142.29	140.11	137.24	133.28	130.97	126.74
22.5	144.61	144.88	144.61	143.93	142.56	140.79	138.47	136.70	132.74
45.0	144.61	144.06	143.11	141.20	139.29	136.83	133.15	130.97	127.01
67.5	144.61	144.61	144.20	143.52	141.88	140.11	137.79	135.06	133.15
90.0	144.61	143.93	142.56	140.79	138.61	135.74	134.10	130.69	127.15
112.5	144.61	144.61	144.06	143.38	141.47	139.56	137.10	134.38	132.47
135.0	144.61	143.65	142.29	140.38	138.06	134.92	133.15	129.74	126.05
157.5	144.61	144.61	144.06	142.97	141.20	138.74	137.24	133.28	131.37
180.0	144.61	144.88	144.74	143.93	142.42	140.38	138.20	136.42	133.15
202.5	144.61	143.79	142.97	141.20	139.01	136.29	132.88	130.97	127.55
225.0	144.61	144.74	144.61	143.65	142.15	140.24	137.92	136.29	132.60
247.5	144.61	144.06	142.97	141.33	139.29	136.01	134.10	130.56	126.87
270.0	144.61	144.74	144.47	143.93	142.42	140.52	138.20	135.33	133.42
292.5	144.61	144.33	143.65	142.15	140.24	137.10	135.33	131.92	127.96
315.0	144.61	144.74	144.61	144.33	143.52	142.02	139.83	136.97	134.92
337.5	144.61	144.61	144.33	143.38	141.61	138.74	136.97	133.56	126.74
360.0	144.61	144.33	143.93	142.29	140.11	137.24	133.28	130.97	126.74
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	121.69	116.78	110.64	105.18	99.86	93.59	90.58	85.67	80.49
22.5	128.92	124.69	119.92	114.05	108.87	103.54	100.27	93.86	88.40
45.0	122.64	117.87	111.87	108.59	103.14	97.68	92.36	85.95	83.08
67.5	128.92	124.96	120.73	115.82	112.68	104.36	98.91	95.77	89.22
90.0	122.92	117.32	114.46	107.23	100.68	97.54	92.22	86.90	81.03
112.5	128.24	124.55	120.32	115.69	112.82	104.23	98.91	95.77	89.22
135.0	122.10	117.05	114.32	107.23	104.23	97.81	92.63	87.31	82.13
157.5	127.15	123.05	119.10	114.87	112.00	106.14	100.95	95.63	90.18
180.0	129.74	126.05	122.10	119.64	114.32	109.68	104.77	98.77	93.45
202.5	123.60	119.64	114.32	111.59	106.82	98.77	95.77	90.45	85.40
225.0	127.83	125.78	121.83	116.50	111.73	106.82	103.95	97.95	92.77
247.5	122.78	117.60	114.87	109.96	101.91	100.00	93.86	88.81	83.90
270.0	129.06	125.24	120.87	116.37	113.37	107.50	100.27	97.13	90.99
292.5	123.46	118.14	115.41	108.46	101.91	98.77	93.72	88.54	83.63
315.0	130.42	126.05	121.69	117.05	110.91	108.05	100.82	97.68	91.40
337.5	124.01	119.23	114.05	109.00	102.86	99.72	94.68	89.63	84.58
360.0	121.69	116.78	110.64	105.18	99.86	93.59	90.58	85.67	80.49
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	74.90	68.89	66.03	61.66	57.71	53.07	49.52	47.75	43.52
22.5	83.22	78.31	75.44	69.17	64.39	59.89	55.80	53.61	49.25
45.0	75.99	70.26	67.67	63.44	59.34	55.25	50.48	48.16	44.47
67.5	84.04	78.72	73.40	70.26	64.39	59.89	55.80	51.29	47.75
90.0	74.35	71.21	66.30	61.80	57.57	52.93	50.89	45.97	42.43
112.5	84.04	78.85	73.53	70.53	64.53	60.16	56.21	52.52	50.48
135.0	76.12	73.26	68.76	64.39	60.30	55.25	52.66	47.34	43.38
157.5	86.90	78.58	73.40	70.26	64.66	60.44	56.48	52.93	50.75
180.0	88.27	82.81	79.67	73.40	68.48	64.25	60.16	57.71	53.07
202.5	80.22	74.08	71.08	66.30	61.94	57.84	53.34	49.93	46.52
225.0	87.58	82.40	79.53	73.80	69.03	64.80	60.03	56.07	52.25
247.5	78.03	74.90	70.12	65.48	61.12	56.21	54.02	50.34	47.07
270.0	85.95	80.76	75.71	72.44	66.85	62.48	58.53	54.84	52.80
292.5	77.76	74.76	69.85	65.07	60.84	56.07	53.75	48.98	45.29
315.0	86.22	81.17	76.40	73.53	68.07	63.98	60.16	56.34	53.89
337.5	78.85	75.85	70.67	65.76	60.30	56.21	52.39	48.84	44.88
360.0	74.90	68.89	66.03	61.66	57.71	53.07	49.52	47.75	43.52

SPKPL-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 18 Total:23

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	39.97	38.20	35.20	32.47	29.33	25.92	24.28	21.15	18.28
22.5	44.61	42.84	39.43	36.97	34.38	31.65	30.15	27.42	24.83
45.0	41.20	38.20	35.20	32.74	30.56	28.10	27.01	25.24	23.74
67.5	44.61	41.61	39.84	36.70	33.97	31.38	28.79	27.15	24.28
90.0	40.65	37.65	34.65	31.79	28.38	26.47	23.19	20.19	16.37
112.5	46.52	43.38	40.52	37.38	34.65	31.92	29.33	27.97	24.97
135.0	41.61	38.61	35.88	33.42	30.83	29.74	27.97	26.19	24.56
157.5	46.79	43.93	41.06	37.93	36.70	33.56	29.88	28.51	25.65
180.0	48.29	46.38	42.43	39.56	36.70	33.70	31.92	28.38	25.24
202.5	42.97	41.20	38.47	35.88	33.29	30.42	28.92	26.33	23.87
225.0	48.57	46.38	42.70	39.84	37.24	34.79	33.42	30.83	28.10
247.5	43.38	40.65	37.93	35.33	32.20	30.70	28.10	25.37	22.78
270.0	48.70	44.34	42.84	39.29	36.29	33.56	30.42	28.92	24.83
292.5	43.38	40.52	38.06	35.74	32.60	30.97	28.65	26.19	23.87
315.0	49.38	44.20	42.29	38.88	36.29	33.83	31.51	30.29	28.10
337.5	43.11	40.38	37.79	35.20	32.06	30.56	27.15	24.15	22.78
360.0	39.97	38.20	35.20	32.47	29.33	25.92	24.28	21.15	18.28
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	15.28	12.14	9.41	7.50	6.28	6.00	5.46	4.77	4.50
22.5	22.51	20.05	18.69	15.69	13.51	11.46	8.87	7.09	6.14
45.0	21.96	20.05	18.96	17.19	14.60	13.92	11.73	9.96	8.05
67.5	20.60	19.10	16.37	15.01	10.78	8.73	7.64	6.41	5.73
90.0	13.23	11.46	8.19	6.82	6.28	5.73	5.18	4.64	4.23
112.5	22.37	19.78	17.05	15.55	11.60	9.28	8.19	6.55	5.87
135.0	22.37	21.28	19.51	16.78	15.69	13.92	12.14	10.23	7.91
157.5	23.06	20.19	17.33	15.55	12.14	9.41	7.50	6.41	6.00
180.0	21.96	18.55	16.51	12.69	8.59	7.64	6.55	5.87	5.32
202.5	21.42	18.14	16.51	14.05	9.82	8.46	6.82	6.00	5.46
225.0	27.01	25.51	23.46	14.32	11.32	9.82	7.78	6.55	12.82
247.5	19.64	18.14	14.32	11.32	10.23	7.78	6.55	5.87	5.18
270.0	21.96	18.42	15.14	13.37	9.96	7.78	6.82	6.00	5.46
292.5	20.74	19.10	15.69	14.05	11.05	8.87	7.09	6.14	5.32
315.0	26.33	24.69	23.19	15.28	12.41	11.05	8.73	6.96	12.82
337.5	20.19	17.60	15.28	12.41	11.19	8.73	6.96	6.14	5.46
360.0	15.28	12.14	9.41	7.50	6.28	6.00	5.46	4.77	4.50
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	4.09	3.96	3.82	3.41	3.41	3.14	3.00	2.86	2.59
22.5	5.46	5.18	4.50	4.23	3.96	3.68	3.55	3.27	3.14
45.0	6.28	5.46	4.64	4.23	3.82	3.55	3.41	3.14	3.00
67.5	5.18	4.64	4.37	4.09	3.68	3.55	3.27	3.14	3.00
90.0	3.96	3.68	3.55	3.41	3.14	3.00	2.86	2.73	2.59
112.5	5.32	4.77	4.50	4.09	3.68	3.55	3.41	3.27	3.00
135.0	6.96	5.59	4.77	4.23	3.82	3.55	3.27	3.00	3.00
157.5	5.18	4.64	4.37	3.96	3.68	3.41	3.27	3.14	3.00
180.0	4.77	4.64	4.09	3.82	3.55	3.41	3.27	3.14	2.86
202.5	4.77	4.50	4.09	3.82	3.55	3.27	3.27	3.00	2.86
225.0	10.78	9.69	7.50	5.87	4.91	4.23	3.82	3.55	3.27
247.5	4.91	4.37	4.09	3.82	3.55	3.41	3.14	3.14	2.86
270.0	4.91	4.37	4.23	3.96	3.68	3.55	3.27	3.14	2.86
292.5	5.18	4.64	4.23	3.96	3.68	3.55	3.27	3.14	2.86
315.0	10.91	9.14	8.05	6.28	5.05	4.37	4.09	3.82	3.55
337.5	5.05	4.64	4.23	3.82	3.68	3.41	3.41	3.14	3.00
360.0	4.09	3.96	3.82	3.41	3.41	3.14	3.00	2.86	2.59

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: 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	2.59	2.46	2.46	2.32	2.32	2.18	2.18	2.05	2.05
22.5	3.00	2.86	2.59	2.59	2.46	2.46	2.32	2.18	2.18
45.0	2.86	2.73	2.59	2.46	2.32	2.32	2.18	2.18	2.05
67.5	2.86	2.73	2.59	2.46	2.32	2.32	2.32	2.18	2.18
90.0	2.46	2.32	2.32	2.32	2.18	2.18	2.18	2.05	2.05
112.5	2.86	2.73	2.59	2.46	2.46	2.32	2.32	2.18	2.18
135.0	2.73	2.59	2.46	2.32	2.32	2.18	2.05	2.05	2.05
157.5	2.73	2.73	2.59	2.46	2.32	2.32	2.32	2.18	2.18
180.0	2.73	2.59	2.46	2.32	2.32	2.32	2.18	2.18	2.05
202.5	2.73	2.59	2.46	2.32	2.32	2.18	2.18	2.18	2.05
225.0	3.27	3.00	2.86	2.73	2.59	2.46	2.32	2.32	2.18
247.5	2.73	2.59	2.46	2.46	2.32	2.32	2.18	2.18	2.05
270.0	2.73	2.59	2.46	2.46	2.46	2.32	2.32	2.18	2.18
292.5	2.86	2.73	2.59	2.46	2.32	2.32	2.32	2.18	2.18
315.0	3.14	3.14	2.86	2.73	2.73	2.59	2.46	2.32	2.32
337.5	2.86	2.73	2.59	2.46	2.46	2.32	2.32	2.32	2.18
360.0	2.59	2.46	2.46	2.32	2.32	2.18	2.18	2.05	2.05
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1.91	1.91	1.91	1.77	1.64	1.64	1.50	1.50	1.36
22.5	2.18	2.18	2.05	1.91	1.91	1.77	1.64	1.64	1.50
45.0	1.91	1.91	1.77	1.64	1.77	1.64	1.50	1.36	1.36
67.5	2.05	2.05	2.05	1.91	1.77	1.77	1.64	1.64	1.50
90.0	1.91	1.91	1.77	1.77	1.64	1.50	1.50	1.36	1.36
112.5	2.05	2.05	2.05	1.77	1.77	1.77	1.64	1.64	1.50
135.0	1.91	1.91	1.77	1.77	1.64	1.50	1.50	1.36	1.36
157.5	2.05	1.91	1.91	1.77	1.77	1.64	1.64	1.64	1.36
180.0	2.05	2.05	1.91	1.77	1.77	1.64	1.50	1.50	1.36
202.5	2.05	1.91	1.91	1.77	1.77	1.64	1.50	1.50	1.36
225.0	2.05	2.05	1.91	1.91	1.77	1.77	1.64	1.50	1.50
247.5	2.05	1.91	1.91	1.77	1.77	1.64	1.64	1.50	1.50
270.0	2.05	2.05	2.05	1.91	1.91	1.77	1.64	1.50	1.50
292.5	2.05	2.05	1.91	1.91	1.77	1.77	1.64	1.50	1.50
315.0	2.18	2.18	2.05	2.05	1.91	1.77	1.77	1.64	1.50
337.5	2.18	2.05	2.05	1.91	1.77	1.77	1.64	1.64	1.50
360.0	1.91	1.91	1.91	1.77	1.64	1.64	1.50	1.50	1.36
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	1.23	1.23	1.09	0.95	0.95	0.82	0.68	0.55	0.55
22.5	1.50	1.36	1.36	1.23	1.09	0.95	0.82	0.82	0.68
45.0	1.36	1.23	1.23	1.09	0.95	0.95	0.82	0.68	0.55
67.5	1.50	1.36	1.36	1.23	1.23	0.95	0.95	0.95	0.82
90.0	1.23	1.09	1.09	0.95	0.95	0.82	0.68	0.68	0.68
112.5	1.36	1.36	1.23	1.23	1.09	0.95	0.95	0.82	0.82
135.0	1.23	1.23	1.09	0.95	0.95	0.82	0.68	0.55	0.55
157.5	1.36	1.23	1.23	1.09	0.95	0.95	0.82	0.82	0.68
180.0	1.36	1.23	1.23	1.09	0.95	0.95	0.82	0.82	0.68
202.5	1.36	1.23	1.09	1.09	0.95	0.82	0.68	0.68	0.55
225.0	1.36	1.36	1.23	1.09	1.09	0.95	0.95	0.82	0.68
247.5	1.36	1.23	1.23	1.09	1.09	0.95	0.82	0.82	0.68
270.0	1.36	1.36	1.23	1.23	1.09	1.09	0.95	0.95	0.82
292.5	1.50	1.36	1.23	1.09	1.09	0.95	0.82	0.82	0.68
315.0	1.50	1.50	1.36	1.23	1.09	1.09	0.95	0.82	0.68
337.5	1.50	1.36	1.23	1.23	1.09	0.95	0.82	0.82	0.55
360.0	1.23	1.23	1.09	0.95	0.95	0.82	0.68	0.55	0.55

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	0.41	0.27	0.27	0.14	0.14	0.14	0.00	0.00	0.00
22.5	0.55	0.55	0.41	0.41	0.27	0.27	0.27	0.14	0.00
45.0	0.55	0.41	0.41	0.27	0.27	0.14	0.00	0.00	0.00
67.5	0.82	0.55	0.55	0.41	0.41	0.41	0.27	0.14	0.00
90.0	0.55	0.41	0.41	0.27	0.27	0.14	0.00	0.00	0.00
112.5	0.68	0.68	0.55	0.41	0.27	0.27	0.14	0.14	0.00
135.0	0.41	0.41	0.27	0.27	0.27	0.14	0.00	0.00	0.00
157.5	0.55	0.41	0.41	0.27	0.27	0.14	0.14	0.00	0.00
180.0	0.55	0.41	0.41	0.27	0.27	0.14	0.00	0.00	0.00
202.5	0.41	0.41	0.41	0.27	0.14	0.14	0.14	0.00	0.00
225.0	0.68	0.55	0.41	0.41	0.41	0.27	0.14	0.14	0.00
247.5	0.55	0.41	0.41	0.27	0.27	0.14	0.14	0.00	0.00
270.0	0.68	0.55	0.55	0.41	0.41	0.27	0.14	0.14	0.00
292.5	0.55	0.55	0.41	0.41	0.27	0.14	0.14	0.00	0.00
315.0	0.68	0.55	0.41	0.41	0.41	0.27	0.14	0.14	0.00
337.5	0.55	0.55	0.41	0.27	0.27	0.14	0.14	0.00	0.00
360.0	0.41	0.27	0.27	0.14	0.14	0.14	0.00	0.00	0.00
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

Operator: Liao
Distance(m): 11.68

Intensity data(cd)

Appendix Page: 21 Total:23

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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-RDLRE4R-RGBTW-WH

Intensity data(cd)

Appendix Page: 22 Total:23

C/ $\gamma(^{\circ})$	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.14
112.5	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.14	0.14
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	0.00	0.00	0.00	0.00	0.00	0.14	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.14	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	0.14
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	0.14
360.0	0.00	0.00	0.00	0.14	0.00	0.14	0.00	0.14	0.00
C/ $\gamma(^{\circ})$	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
45.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
67.5	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.00	0.14	0.14	0.14	0.00	0.14	0.14
247.5	0.14	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14
270.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
315.0	0.00	0.00	0.14	0.00	0.00	0.14	0.14	0.14	0.14
337.5	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
360.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/ $\gamma(^{\circ})$	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.27	0.14
45.0	0.14	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27
112.5	0.14	0.14	0.27	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.27	0.27	0.14	0.14	0.27
157.5	0.14	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14
180.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14
315.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
337.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.27
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14

SPKPL-RDLRE4R-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	0.14	0.27	0.14	0.27	0.27	0.14	0.27	0.14	0.27
22.5	0.14	0.14	0.14	0.14	0.27	0.14	0.27	0.27	0.27
45.0	0.14	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27
67.5	0.27	0.14	0.27	0.27	0.27	0.14	0.14	0.14	0.27
90.0	0.14	0.14	0.14	0.14	0.14	0.27	0.27	0.27	0.27
112.5	0.14	0.27	0.27	0.14	0.14	0.27	0.27	0.14	0.27
135.0	0.27	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27
157.5	0.14	0.14	0.14	0.27	0.14	0.27	0.27	0.14	0.27
180.0	0.14	0.27	0.14	0.14	0.14	0.27	0.27	0.27	0.27
202.5	0.14	0.14	0.14	0.27	0.27	0.27	0.27	0.27	0.27
225.0	0.27	0.14	0.14	0.14	0.27	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	0.27
292.5	0.14	0.14	0.14	0.27	0.27	0.14	0.27	0.27	0.27
315.0	0.14	0.14	0.14	0.14	0.27	0.14	0.27	0.27	0.14
337.5	0.27	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.14
360.0	0.14	0.27	0.14	0.27	0.27	0.14	0.27	0.14	0.27
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27
22.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
67.5	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27
90.0	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
112.5	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
157.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
180.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.14	0.27
202.5	0.27	0.27	0.27	0.27	0.14	0.27	0.27	0.27	0.27
225.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
247.5	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.14
270.0	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
292.5	0.27	0.27	0.14	0.14	0.27	0.27	0.27	0.27	0.27
315.0	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27	0.27
337.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
360.0	0.27	0.27	0.14	0.27	0.27	0.27	0.27	0.27	0.27
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								