



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-RDLRE2R-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111205-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.014

Lamp flux(lm)

Power (W): 1.372

Number of Lamps: 1

PF: 0.776

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 65.23, Luminous Efficacy(lm/W): 47.55

Central intensity(cd): 96.86, Maximum intensity(cd): 97.13

Angle of maximum intensity: $C=22.5$ $\gamma=2.0$

Beam Angle(50%Imax): [C0/180]Total=44.0

[C90/270]Total=42.7

Field angle(10%Imax): [C0/180]Total=72.0

[C90/270]Total=72.0

Maximum s/h(1/2): C0_180=0.72 C90_270=0.65

Maximum s/h(1/4): C0_180=0.76 C90_270=0.70

Up flux rate of LUM(%): 0.18%

Down flux rate of LUM(%): 99.82%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 94.154%

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

Date: 2024-11-12
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	96.860	0.000	0.000	0.000%	0.000%
1.0	96.706	0.093	0.093	0.142%	0.142%
2.0	96.306	0.277	0.370	0.425%	0.567%
3.0	95.581	0.459	0.829	0.704%	1.270%
4.0	94.643	0.637	1.465	0.976%	2.246%
5.0	93.671	0.810	2.275	1.242%	3.488%
6.0	92.264	0.977	3.253	1.498%	4.986%
7.0	90.610	1.135	4.388	1.740%	6.726%
8.0	88.632	1.283	5.670	1.966%	8.692%
9.0	86.807	1.422	7.092	2.180%	10.872%
10.0	84.769	1.553	8.645	2.380%	13.252%
11.0	81.700	1.663	10.308	2.550%	15.802%
12.0	78.622	1.753	12.061	2.687%	18.489%
13.0	75.945	1.834	13.895	2.812%	21.301%
14.0	73.105	1.908	15.803	2.925%	24.225%
15.0	69.448	1.957	17.760	3.000%	27.225%
16.0	65.602	1.979	19.739	3.033%	30.259%
17.0	62.456	1.994	21.733	3.057%	33.316%
18.0	59.548	2.012	23.745	3.084%	36.399%
19.0	56.206	2.014	25.759	3.087%	39.486%
20.0	52.761	1.994	27.753	3.057%	42.544%
21.0	49.760	1.969	29.722	3.018%	45.561%
22.0	47.270	1.950	31.672	2.989%	48.550%
23.0	44.533	1.926	33.598	2.953%	51.503%
24.0	41.788	1.887	35.485	2.893%	54.396%
25.0	38.983	1.837	37.322	2.815%	57.212%
26.0	36.766	1.788	39.110	2.741%	59.953%
27.0	34.447	1.742	40.852	2.671%	62.623%
28.0	31.693	1.675	42.526	2.567%	65.190%
29.0	28.964	1.587	44.113	2.433%	67.623%
30.0	26.381	1.494	45.608	2.291%	69.914%
31.0	24.113	1.405	47.013	2.154%	72.068%
32.0	21.614	1.310	48.323	2.008%	74.076%
33.0	19.167	1.201	49.524	1.842%	75.918%
34.0	16.985	1.094	50.618	1.677%	77.595%
35.0	15.245	1.001	51.619	1.534%	79.129%
36.0	12.559	0.885	52.505	1.357%	80.486%
37.0	10.496	0.752	53.257	1.153%	81.639%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	8.799	0.644	53.901	0.987%	82.626%
39.0	8.219	0.581	54.482	0.890%	83.517%
40.0	7.307	0.542	55.023	0.830%	84.347%
41.0	6.514	0.492	55.515	0.754%	85.101%
42.0	5.841	0.449	55.964	0.688%	85.789%
43.0	5.303	0.413	56.377	0.633%	86.422%
44.0	4.954	0.387	56.764	0.593%	87.016%
45.0	4.536	0.365	57.129	0.559%	87.575%
46.0	4.289	0.345	57.474	0.529%	88.104%
47.0	4.076	0.333	57.807	0.510%	88.614%
48.0	3.905	0.323	58.129	0.495%	89.108%
49.0	3.718	0.313	58.442	0.480%	89.588%
50.0	3.573	0.304	58.746	0.466%	90.054%
51.0	3.385	0.294	59.040	0.451%	90.505%
52.0	3.266	0.285	59.326	0.437%	90.943%
53.0	3.189	0.281	59.607	0.430%	91.373%
54.0	3.044	0.275	59.881	0.421%	91.794%
55.0	2.967	0.268	60.150	0.411%	92.206%
56.0	2.865	0.264	60.413	0.404%	92.609%
57.0	2.788	0.258	60.672	0.396%	93.006%
58.0	2.720	0.255	60.926	0.390%	93.396%
59.0	2.635	0.250	61.177	0.384%	93.780%
60.0	2.532	0.244	61.421	0.374%	94.154%
61.0	2.473	0.239	61.660	0.366%	94.520%
62.0	2.396	0.235	61.894	0.360%	94.880%
63.0	2.294	0.228	62.122	0.350%	95.229%
64.0	2.200	0.220	62.343	0.338%	95.567%
65.0	2.149	0.215	62.558	0.330%	95.897%
66.0	2.038	0.209	62.767	0.320%	96.218%
67.0	1.961	0.201	62.968	0.308%	96.526%
68.0	1.859	0.193	63.161	0.297%	96.822%
69.0	1.773	0.185	63.347	0.284%	97.106%
70.0	1.680	0.177	63.524	0.272%	97.378%
71.0	1.569	0.168	63.692	0.257%	97.636%
72.0	1.467	0.158	63.850	0.242%	97.878%
73.0	1.398	0.150	64.000	0.230%	98.107%
74.0	1.322	0.143	64.143	0.219%	98.327%
75.0	1.202	0.133	64.276	0.204%	98.531%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.117	0.123	64.399	0.189%	98.720%
77.0	1.015	0.114	64.513	0.174%	98.894%
78.0	0.946	0.105	64.618	0.161%	99.055%
79.0	0.827	0.095	64.713	0.146%	99.201%
80.0	0.750	0.085	64.798	0.130%	99.331%
81.0	0.648	0.076	64.874	0.116%	99.447%
82.0	0.503	0.062	64.936	0.096%	99.543%
83.0	0.460	0.052	64.989	0.080%	99.623%
84.0	0.341	0.044	65.032	0.067%	99.690%
85.0	0.264	0.033	65.065	0.051%	99.741%
86.0	0.171	0.024	65.089	0.036%	99.777%
87.0	0.094	0.014	65.103	0.022%	99.799%
88.0	0.051	0.008	65.111	0.012%	99.811%
89.0	0.000	0.003	65.114	0.004%	99.816%
90.0	0.000	0.000	65.114	0.000%	99.816%
91.0	0.000	0.000	65.114	0.000%	99.816%
92.0	0.000	0.000	65.114	0.000%	99.816%
93.0	0.000	0.000	65.114	0.000%	99.816%
94.0	0.000	0.000	65.114	0.000%	99.816%
95.0	0.000	0.000	65.114	0.000%	99.816%
96.0	0.000	0.000	65.114	0.000%	99.816%
97.0	0.000	0.000	65.114	0.000%	99.816%
98.0	0.000	0.000	65.114	0.000%	99.816%
99.0	0.000	0.000	65.114	0.000%	99.816%
100.0	0.000	0.000	65.114	0.000%	99.816%
101.0	0.000	0.000	65.114	0.000%	99.816%
102.0	0.000	0.000	65.114	0.000%	99.816%
103.0	0.000	0.000	65.114	0.000%	99.816%
104.0	0.000	0.000	65.114	0.000%	99.816%
105.0	0.000	0.000	65.114	0.000%	99.816%
106.0	0.000	0.000	65.114	0.000%	99.816%
107.0	0.000	0.000	65.114	0.000%	99.816%
108.0	0.000	0.000	65.114	0.000%	99.816%
109.0	0.000	0.000	65.114	0.000%	99.816%
110.0	0.000	0.000	65.114	0.000%	99.816%
111.0	0.000	0.000	65.114	0.000%	99.816%
112.0	0.000	0.000	65.114	0.000%	99.816%
113.0	0.000	0.000	65.114	0.000%	99.816%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	65.114	0.000%	99.816%
115.0	0.000	0.000	65.114	0.000%	99.816%
116.0	0.000	0.000	65.114	0.000%	99.816%
117.0	0.000	0.000	65.114	0.000%	99.816%
118.0	0.000	0.000	65.114	0.000%	99.816%
119.0	0.000	0.000	65.114	0.000%	99.816%
120.0	0.000	0.000	65.114	0.000%	99.816%
121.0	0.000	0.000	65.114	0.000%	99.816%
122.0	0.000	0.000	65.114	0.000%	99.816%
123.0	0.000	0.000	65.114	0.000%	99.816%
124.0	0.000	0.000	65.114	0.000%	99.816%
125.0	0.000	0.000	65.114	0.000%	99.816%
126.0	0.000	0.000	65.114	0.000%	99.816%
127.0	0.000	0.000	65.114	0.000%	99.816%
128.0	0.000	0.000	65.114	0.000%	99.816%
129.0	0.000	0.000	65.114	0.000%	99.816%
130.0	0.000	0.000	65.114	0.000%	99.816%
131.0	0.000	0.000	65.114	0.000%	99.816%
132.0	0.000	0.000	65.114	0.000%	99.816%
133.0	0.000	0.000	65.114	0.000%	99.816%
134.0	0.009	0.000	65.115	0.001%	99.816%
135.0	0.000	0.000	65.115	0.001%	99.817%
136.0	0.000	0.000	65.115	0.000%	99.817%
137.0	0.000	0.000	65.115	0.000%	99.817%
138.0	0.000	0.000	65.115	0.000%	99.817%
139.0	0.009	0.000	65.115	0.000%	99.817%
140.0	0.000	0.000	65.115	0.000%	99.818%
141.0	0.009	0.000	65.116	0.000%	99.818%
142.0	0.017	0.001	65.117	0.001%	99.820%
143.0	0.034	0.002	65.118	0.003%	99.822%
144.0	0.034	0.002	65.121	0.003%	99.826%
145.0	0.026	0.002	65.122	0.003%	99.828%
146.0	0.026	0.002	65.124	0.002%	99.831%
147.0	0.034	0.002	65.126	0.003%	99.834%
148.0	0.026	0.002	65.128	0.003%	99.836%
149.0	0.051	0.002	65.130	0.003%	99.840%
150.0	0.077	0.004	65.133	0.005%	99.845%
151.0	0.043	0.003	65.137	0.005%	99.850%

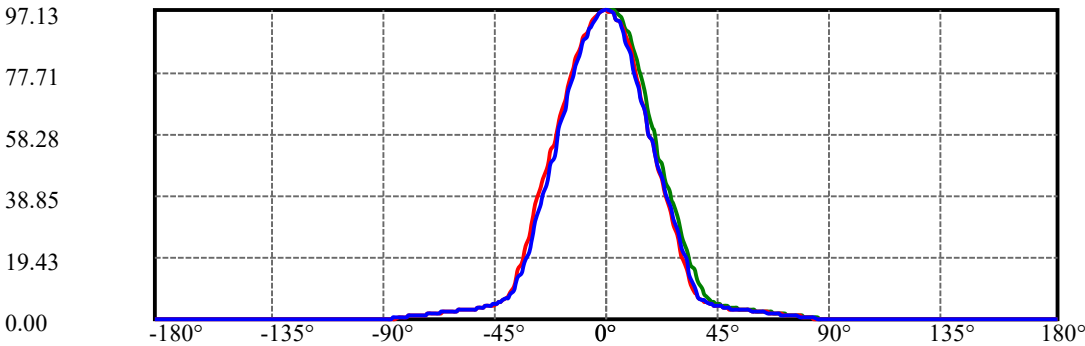
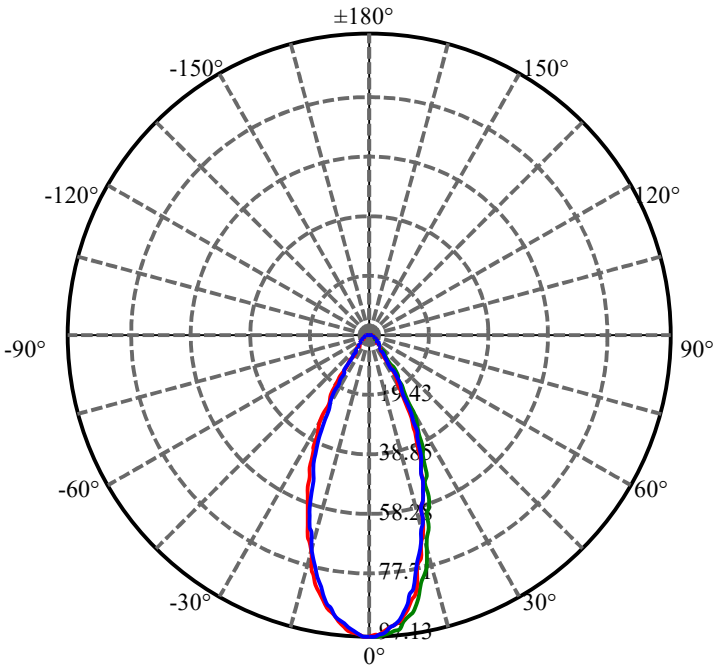
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.111	0.004	65.141	0.006%	99.856%
153.0	0.119	0.006	65.146	0.009%	99.865%
154.0	0.102	0.005	65.152	0.008%	99.874%
155.0	0.094	0.005	65.157	0.007%	99.881%
156.0	0.136	0.005	65.162	0.008%	99.889%
157.0	0.136	0.006	65.168	0.009%	99.898%
158.0	0.136	0.006	65.173	0.009%	99.907%
159.0	0.136	0.005	65.179	0.008%	99.915%
160.0	0.119	0.005	65.184	0.008%	99.923%
161.0	0.128	0.005	65.188	0.007%	99.929%
162.0	0.128	0.004	65.193	0.007%	99.936%
163.0	0.136	0.004	65.197	0.007%	99.943%
164.0	0.136	0.004	65.201	0.007%	99.949%
165.0	0.128	0.004	65.205	0.006%	99.955%
166.0	0.128	0.004	65.209	0.005%	99.961%
167.0	0.136	0.003	65.212	0.005%	99.966%
168.0	0.128	0.003	65.215	0.005%	99.971%
169.0	0.128	0.003	65.218	0.004%	99.975%
170.0	0.136	0.003	65.221	0.004%	99.979%
171.0	0.153	0.003	65.223	0.004%	99.983%
172.0	0.136	0.002	65.226	0.004%	99.987%
173.0	0.136	0.002	65.228	0.003%	99.990%
174.0	0.145	0.002	65.229	0.003%	99.992%
175.0	0.153	0.002	65.231	0.002%	99.995%
176.0	0.136	0.001	65.232	0.002%	99.997%
177.0	0.136	0.001	65.233	0.001%	99.998%
178.0	0.153	0.001	65.234	0.001%	99.999%
179.0	0.153	0.000	65.234	0.001%	100.000%
180.0	0.000	0.000	65.234	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	45.61	69.91%
0-40	55.02	84.35%
0-60	61.42	94.15%
0-90	65.11	99.82%
0-120	65.11	99.82%
0-180	65.23	100.00%
60-90	3.69	5.66%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.02	0.03%
90-180	0.12	0.18%
0-35.64	52.19	80.00%

ZONAL LUMEN SUMMARY

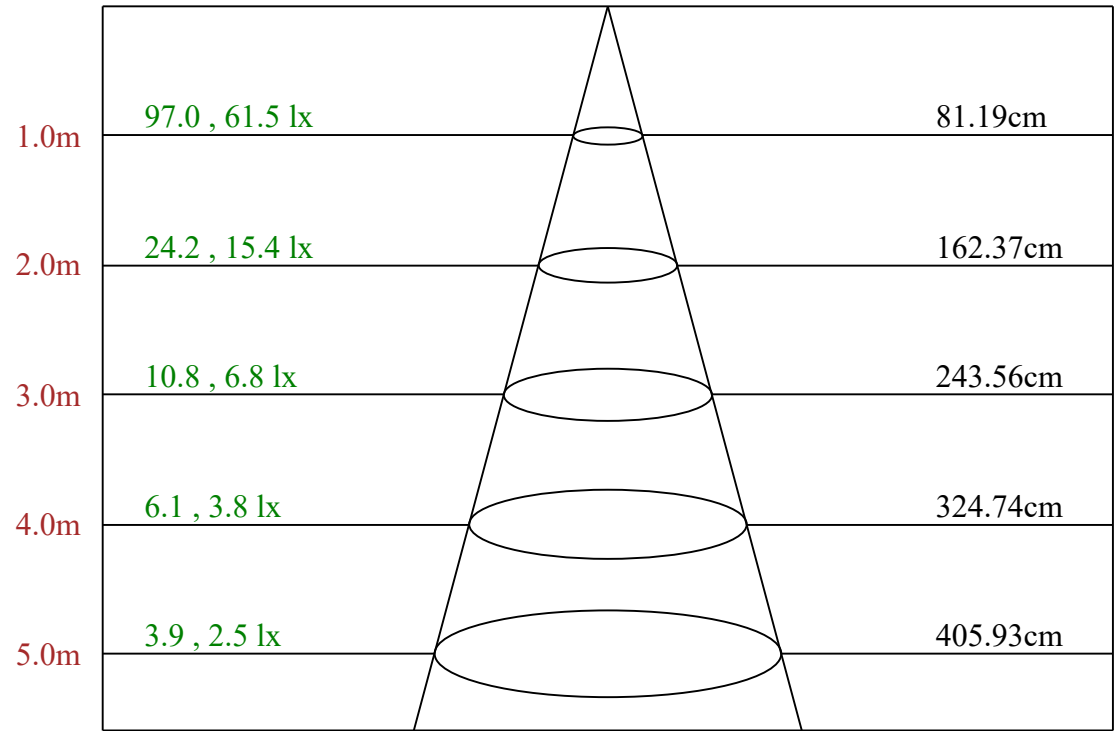
0-10	8.65
10-20	19.11
20-30	17.85
30-40	9.42
40-50	3.72
50-60	2.67
60-70	2.10
70-80	1.27
80-90	0.32
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.02
150-160	0.05
160-170	0.04
170-180	0.01



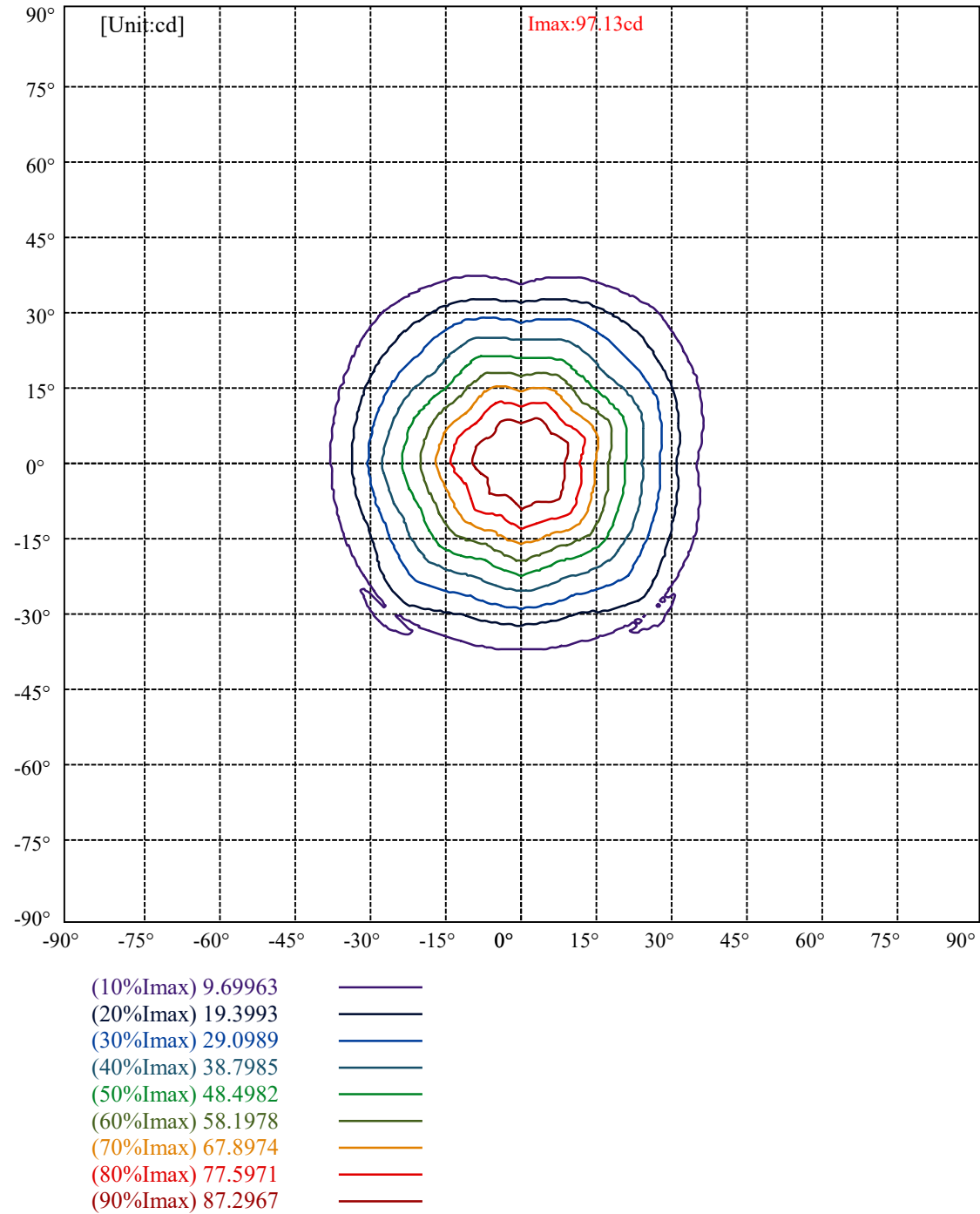
C22.5(Max):
C0/C180:
C90/C270:

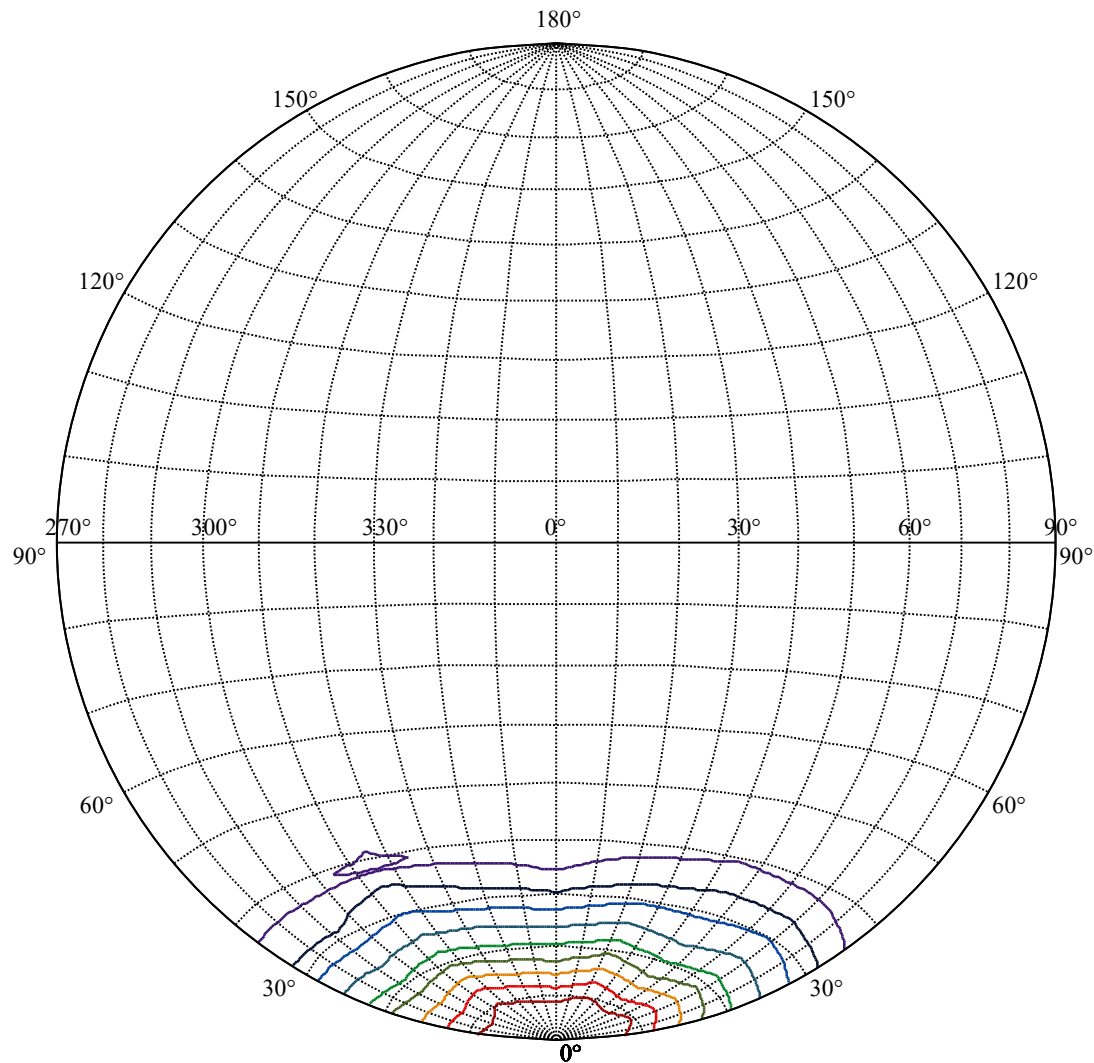
Field angle(10%Imax):C0/180Left:37.4 Right:34.6
:C90/270Left:36.7 Right:35.3

Beam Angle(50%Imax):C0/180Left:23.5 Right:20.6
:C90/270Left:22.1 Right:20.7



Max , Ave Beam angle of C22.5 plane 44.19



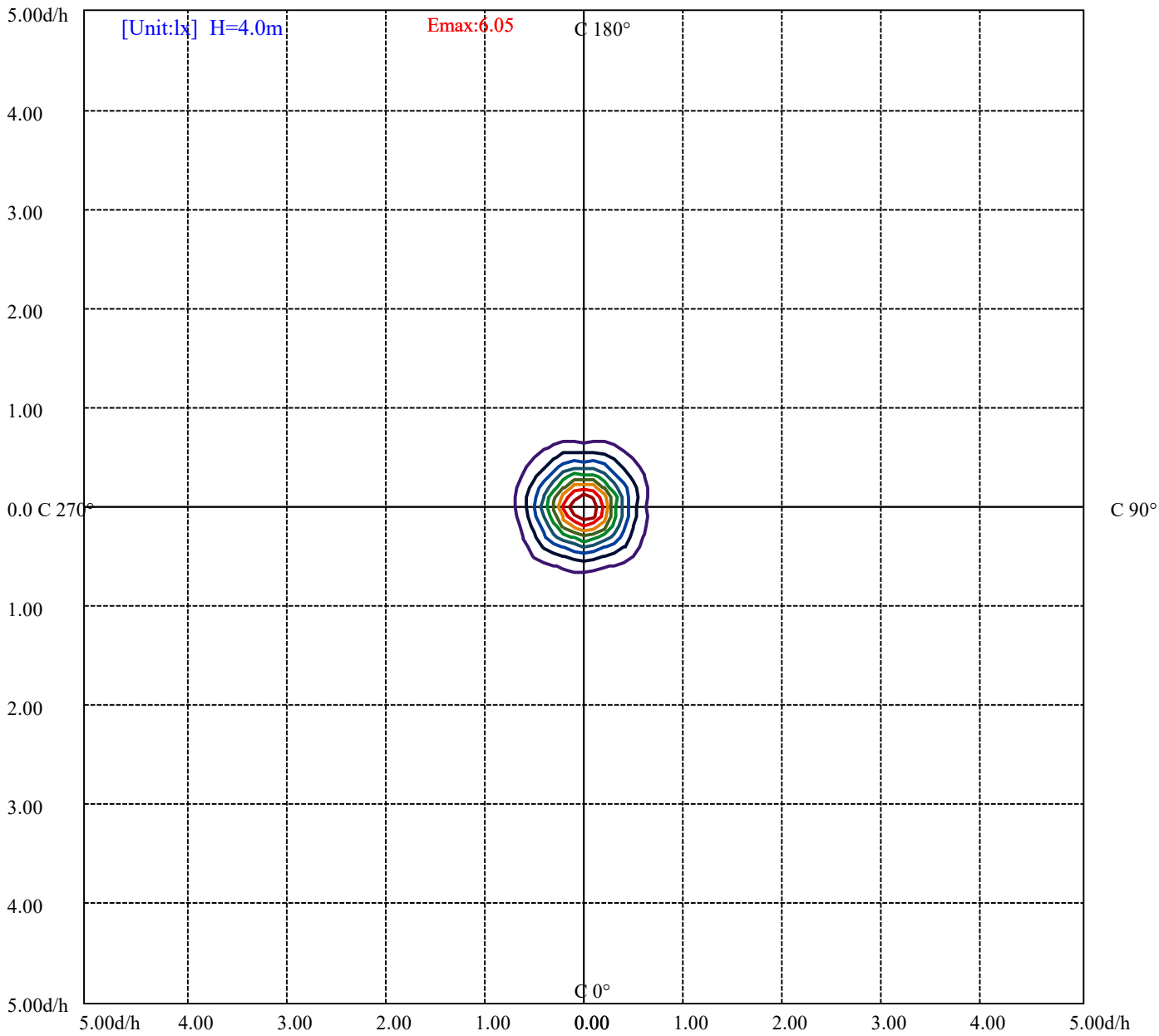


House

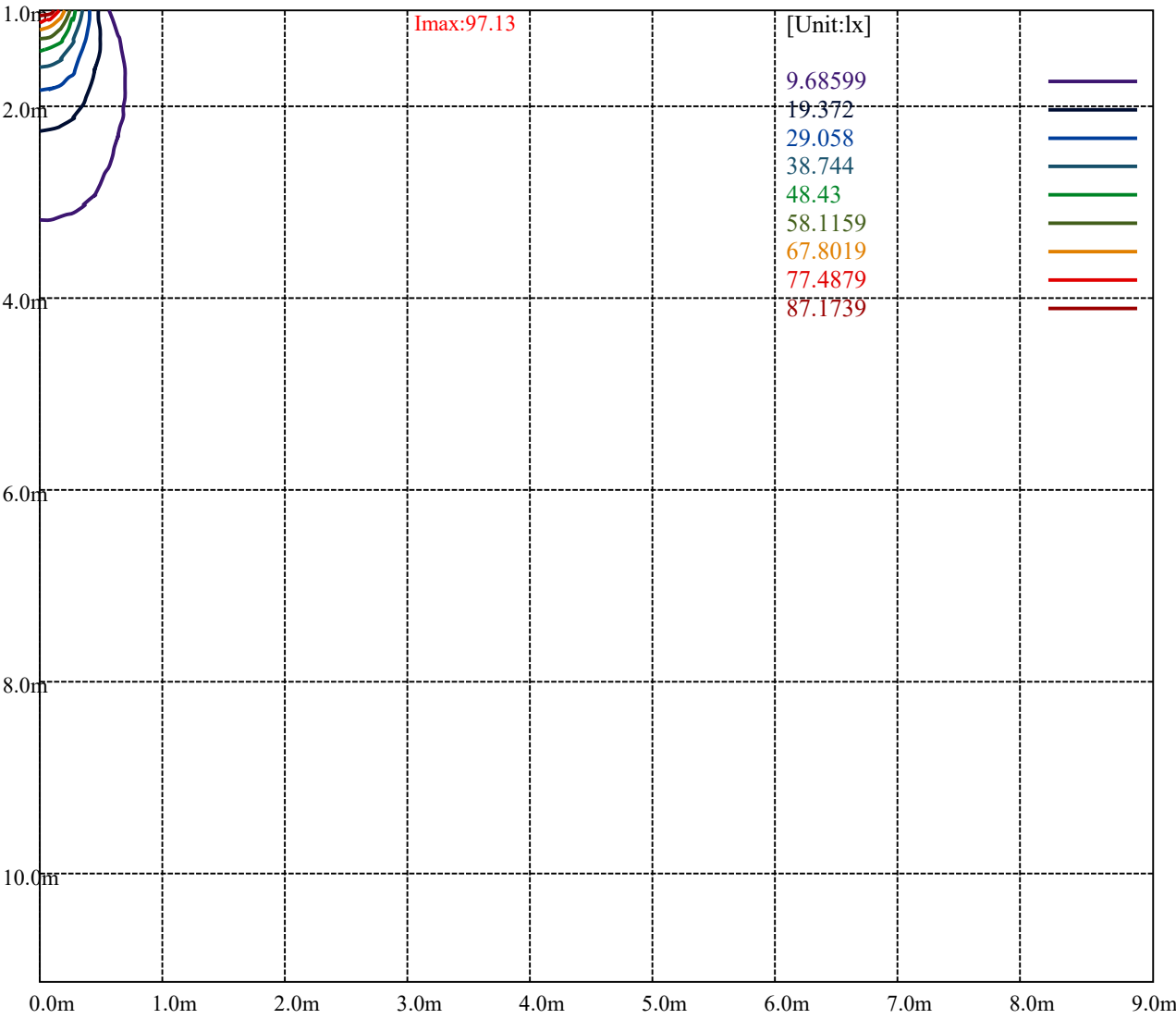
[Unit:cd]

Road

Imax:97.13	
(10%Imax) 9.71237	
(20%Imax) 19.4247	
(30%Imax) 29.1371	
(40%Imax) 38.8495	
(50%Imax) 48.5618	
(60%Imax) 58.2742	
(70%Imax) 67.9866	
(80%Imax) 77.6989	
(90%Imax) 87.4113	



(10%Emax) 0.6053744	—
(20%Emax) 1.21075	—
(30%Emax) 1.816125	—
(40%Emax) 2.4215	—
(50%Emax) 3.026875	—
(60%Emax) 3.63225	—
(70%Emax) 4.237625	—
(80%Emax) 4.842994	—
(90%Emax) 5.448369	—



Luminance Table

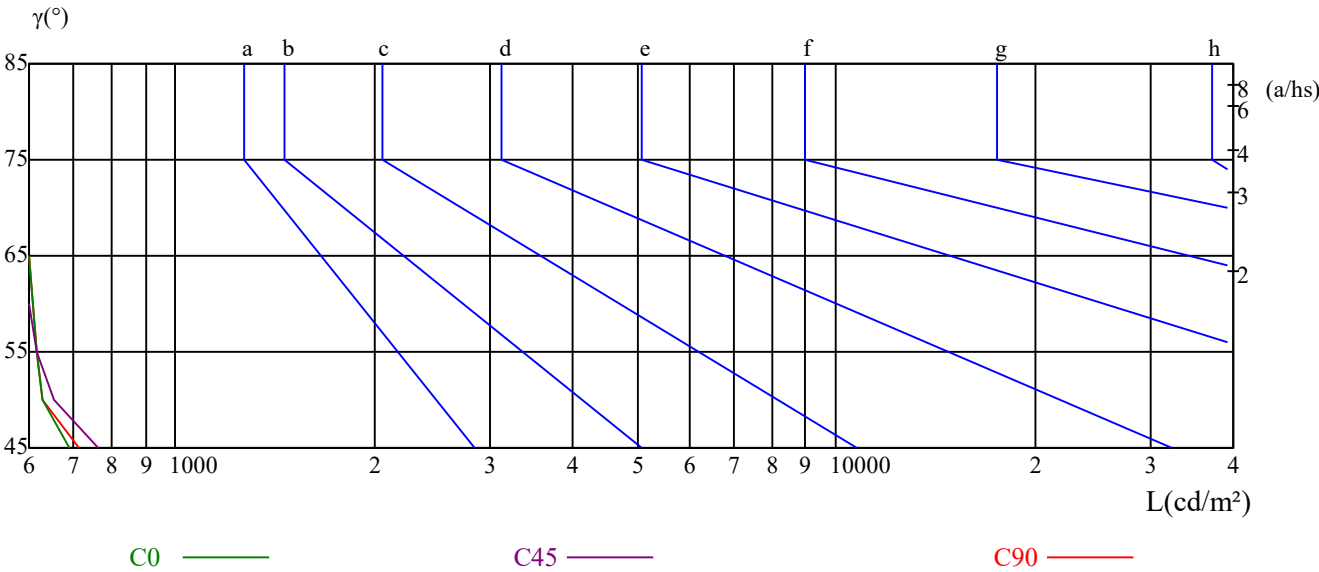
γ	45	50	55	60	65	70	75	80	85
C0	691	629	617	606	598	591	521	485	193
C45	762	655	617	573	598	542	521	485	193
C90	715	629	617	606	598	542	521	485	193

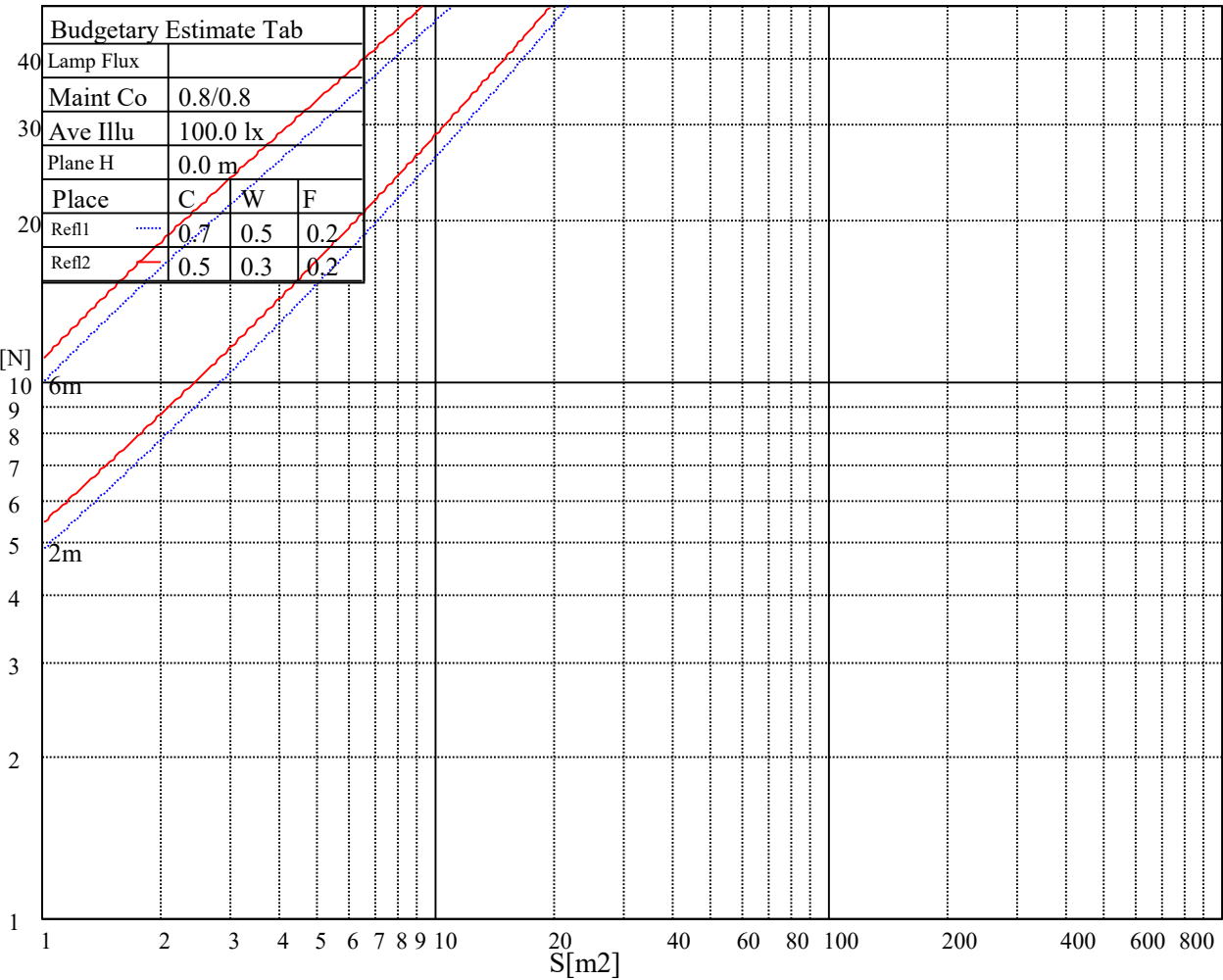
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
618	638	608	553	586	553	290	386	338

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	1.07	1.04	1.07	1.05	1.03	1.03	1.01	0.99	1.00	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	0.89	0.84	0.92	0.88	0.84	0.90	0.86	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.78
4	0.88	0.82	0.77	0.86	0.81	0.77	0.84	0.80	0.76	0.82	0.78	0.75	0.80	0.77	0.74	0.72
5	0.82	0.76	0.71	0.81	0.75	0.71	0.79	0.74	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.68
6	0.77	0.71	0.66	0.76	0.70	0.66	0.75	0.70	0.66	0.73	0.69	0.65	0.72	0.68	0.65	0.63
7	0.73	0.66	0.62	0.72	0.66	0.62	0.71	0.65	0.62	0.69	0.65	0.61	0.68	0.64	0.61	0.60
8	0.69	0.63	0.58	0.68	0.62	0.58	0.67	0.62	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.56
9	0.65	0.59	0.55	0.65	0.59	0.55	0.64	0.58	0.55	0.63	0.58	0.55	0.62	0.58	0.54	0.53
10	0.62	0.56	0.52	0.61	0.56	0.52	0.61	0.55	0.52	0.60	0.55	0.52	0.59	0.55	0.52	0.50

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	96.86	96.72	96.31	95.63	94.40	93.72	92.49	90.99	89.08
22.5	96.86	96.86	97.13	96.86	96.31	95.50	94.95	92.90	91.27
45.0	96.86	97.00	96.59	95.90	94.68	94.00	92.36	90.58	88.54
67.5	96.86	97.00	97.13	97.00	96.45	95.50	94.81	93.04	90.45
90.0	96.86	97.00	96.72	95.77	94.40	93.59	91.81	89.77	87.17
112.5	96.86	97.00	97.00	96.72	96.18	95.36	94.00	93.04	90.04
135.0	96.86	96.59	96.04	94.95	94.27	92.90	91.27	89.36	86.49
157.5	96.86	96.72	96.45	95.90	95.22	94.68	93.18	91.68	89.77
180.0	96.86	96.86	96.45	96.04	95.36	94.27	92.90	91.27	89.77
202.5	96.86	95.90	95.22	94.13	92.63	91.68	89.22	87.17	86.36
225.0	96.86	97.00	96.31	95.50	94.54	93.04	91.54	89.77	88.13
247.5	96.86	95.90	94.95	93.72	92.09	91.13	89.49	86.36	85.13
270.0	96.86	97.00	96.31	95.63	94.54	93.04	91.95	90.99	88.54
292.5	96.86	96.18	95.36	94.13	93.04	91.81	90.18	89.36	87.45
315.0	96.86	96.86	96.59	96.04	95.36	94.68	93.59	92.36	90.86
337.5	96.86	96.72	96.31	95.36	94.81	93.86	92.49	91.13	89.08
360.0	96.86	96.72	96.31	95.63	94.40	93.72	92.49	90.99	89.08
C/ γ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	86.22	84.58	81.44	75.71	73.53	69.58	65.76	62.21	58.12
22.5	90.18	87.58	84.85	81.72	78.44	76.40	72.03	68.35	64.80
45.0	85.54	83.90	79.67	75.58	73.40	69.58	65.89	62.07	57.71
67.5	89.08	86.36	83.63	80.63	77.08	75.03	70.67	67.12	63.57
90.0	84.72	82.94	78.58	74.49	72.58	68.89	65.62	62.21	58.12
112.5	87.99	86.63	83.63	80.90	77.62	74.35	72.17	67.94	64.53
135.0	85.13	82.81	78.31	77.08	73.40	70.12	66.57	62.35	60.16
157.5	87.86	86.76	83.08	80.49	78.85	75.85	71.76	68.35	64.94
180.0	88.67	86.49	84.31	81.99	79.12	77.49	72.71	69.58	67.80
202.5	84.04	81.85	79.26	75.99	74.49	71.49	68.62	65.48	61.80
225.0	86.76	84.45	82.13	79.67	77.08	75.44	70.80	67.53	65.62
247.5	82.94	80.35	77.76	74.08	72.17	69.03	65.76	62.48	58.39
270.0	87.45	84.99	82.40	79.67	76.67	74.90	71.21	66.57	64.66
292.5	85.40	83.08	79.67	77.90	74.62	71.21	67.67	63.44	61.25
315.0	89.22	88.13	85.67	82.26	80.49	76.94	75.71	70.12	66.30
337.5	87.72	85.40	82.81	79.81	75.58	73.40	68.21	63.85	61.53
360.0	86.22	84.58	81.44	75.71	73.53	69.58	65.76	62.21	58.12
C/ γ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	56.07	52.80	49.93	47.20	43.93	41.06	38.33	34.79	32.88
22.5	60.57	59.21	55.25	50.75	48.98	45.70	42.97	40.38	37.65
45.0	55.66	52.25	49.11	46.25	42.97	40.52	38.33	35.61	34.38
67.5	60.03	57.98	52.80	49.93	48.29	45.16	42.84	40.52	38.20
90.0	56.21	53.07	50.20	47.47	44.47	42.02	39.43	36.29	34.65
112.5	61.25	57.98	56.07	52.52	49.79	47.34	44.34	41.88	39.43
135.0	56.89	53.48	50.48	46.93	45.16	42.56	40.11	37.38	35.06
157.5	62.89	58.93	55.80	52.66	49.79	48.02	44.75	42.29	39.56
180.0	64.12	60.98	57.84	54.84	52.93	49.66	46.93	44.20	41.61
202.5	60.03	56.89	51.98	50.34	47.61	44.88	42.43	39.43	38.06
225.0	61.66	58.39	55.25	52.11	50.34	46.93	44.06	41.47	39.15
247.5	56.34	51.98	48.29	47.07	43.79	41.34	38.74	35.33	33.83
270.0	61.25	59.21	53.75	50.48	48.70	45.16	42.29	39.15	36.15
292.5	57.71	52.11	50.20	47.34	44.47	41.61	38.47	36.83	34.24
315.0	64.12	59.48	55.80	52.25	48.84	47.07	43.66	39.84	38.33
337.5	57.98	54.57	51.43	48.02	46.25	43.52	40.93	38.33	35.06
360.0	56.07	52.80	49.93	47.20	43.93	41.06	38.33	34.79	32.88

SPKPL-RDLRE2R-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	29.60	26.47	23.60	20.19	18.55	15.96	13.51	11.05	8.73
22.5	36.02	32.74	30.01	27.42	24.56	21.42	19.10	16.92	15.69
45.0	32.47	30.70	28.92	26.60	25.24	23.33	20.33	19.51	16.92
67.5	36.83	34.24	31.92	29.06	26.33	24.83	21.96	18.55	17.46
90.0	31.51	28.51	25.78	22.78	21.01	18.42	14.32	12.69	10.10
112.5	36.83	35.20	32.20	29.60	26.60	24.01	22.65	19.10	16.92
135.0	33.01	31.10	28.92	27.69	25.65	23.87	21.96	19.37	18.28
157.5	36.56	34.11	31.24	28.24	26.60	23.33	20.87	18.42	16.37
180.0	39.97	36.15	32.88	29.60	25.78	22.92	20.19	17.46	15.82
202.5	35.20	32.33	29.60	25.92	24.15	20.46	17.60	16.37	14.19
225.0	37.65	34.92	32.74	30.83	28.38	26.33	24.15	22.37	21.15
247.5	31.24	28.51	25.51	22.51	21.15	18.83	15.55	14.46	12.69
270.0	34.38	30.70	27.28	24.28	21.28	18.96	16.64	14.73	13.51
292.5	31.51	28.51	25.37	23.60	20.19	17.60	16.78	14.32	12.82
315.0	35.74	33.15	31.24	29.33	28.24	26.06	23.87	21.83	19.92
337.5	32.60	29.74	26.19	24.42	22.10	19.51	17.19	14.60	13.37
360.0	29.60	26.47	23.60	20.19	18.55	15.96	13.51	11.05	8.73
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	7.78	6.55	5.87	5.59	5.32	4.91	4.64	4.37	4.37
22.5	13.37	11.32	9.41	7.91	7.23	6.28	5.73	5.32	5.05
45.0	15.55	12.82	10.91	10.10	8.87	7.64	6.41	5.32	4.77
67.5	14.60	12.55	10.23	8.19	7.23	6.14	5.59	5.18	4.91
90.0	8.73	6.82	6.14	5.87	5.46	5.05	4.64	4.37	4.23
112.5	15.55	13.10	10.78	8.73	7.23	6.55	5.87	5.32	5.05
135.0	15.14	12.82	11.87	10.37	9.00	7.78	6.28	5.73	5.05
157.5	15.01	12.41	9.69	8.73	7.09	6.28	5.87	5.32	5.18
180.0	12.82	10.37	8.46	7.23	6.68	5.87	5.46	5.18	4.77
202.5	12.14	10.23	8.05	7.23	6.28	5.73	5.32	4.91	4.77
225.0	12.69	11.05	9.14	12.41	11.46	9.55	8.32	7.23	6.00
247.5	11.05	9.14	7.37	6.82	6.14	5.73	5.32	4.91	4.77
270.0	11.19	9.00	7.64	6.82	6.41	5.87	5.46	5.18	4.91
292.5	11.19	9.28	8.19	6.96	6.14	5.73	5.32	5.05	4.77
315.0	12.82	11.19	9.28	12.14	10.37	9.82	8.32	6.68	6.14
337.5	11.32	9.28	7.78	6.41	6.00	5.32	4.91	4.77	4.50
360.0	7.78	6.55	5.87	5.59	5.32	4.91	4.64	4.37	4.37
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	3.96	3.96	3.82	3.55	3.27	3.27	3.14	3.00	3.00
22.5	4.64	4.37	4.23	4.09	3.82	3.55	3.55	3.41	3.27
45.0	4.37	4.09	3.96	3.68	3.55	3.41	3.27	3.14	3.14
67.5	4.64	4.37	4.09	3.96	3.68	3.55	3.41	3.27	3.27
90.0	4.09	3.96	3.68	3.55	3.41	3.27	3.00	3.00	3.00
112.5	4.64	4.50	4.23	3.96	3.82	3.68	3.55	3.41	3.27
135.0	4.50	4.23	3.96	3.96	3.68	3.55	3.27	3.14	3.00
157.5	4.64	4.50	4.23	3.96	3.82	3.68	3.55	3.41	3.27
180.0	4.50	4.23	4.09	3.96	3.82	3.68	3.41	3.27	3.27
202.5	4.37	4.23	3.96	3.82	3.55	3.55	3.27	3.27	3.14
225.0	5.18	4.64	4.37	4.23	4.09	3.82	3.68	3.41	3.41
247.5	4.37	4.23	4.09	3.82	3.68	3.55	3.27	3.27	3.14
270.0	4.64	4.37	4.09	3.96	3.82	3.68	3.41	3.27	3.14
292.5	4.50	4.23	4.09	3.96	3.68	3.55	3.41	3.27	3.14
315.0	5.18	4.64	4.37	4.23	4.09	3.82	3.55	3.55	3.41
337.5	4.37	4.09	3.96	3.82	3.68	3.55	3.41	3.14	3.14
360.0	3.96	3.96	3.82	3.55	3.27	3.27	3.14	3.00	3.00

SPKPL-RDLRE2R-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	3.00	2.86	2.73	2.73	2.59	2.59	2.46	2.46	2.32
22.5	3.14	3.00	2.86	2.86	2.73	2.73	2.59	2.59	2.46
45.0	2.86	2.86	2.73	2.73	2.59	2.59	2.32	2.32	2.18
67.5	3.00	3.00	2.86	2.73	2.73	2.59	2.59	2.59	2.46
90.0	2.86	2.86	2.73	2.73	2.59	2.46	2.46	2.32	2.18
112.5	3.14	3.00	2.86	2.73	2.73	2.59	2.59	2.46	2.46
135.0	3.00	2.73	2.73	2.73	2.59	2.46	2.32	2.32	2.32
157.5	3.14	3.00	3.00	2.86	2.86	2.73	2.59	2.46	2.46
180.0	3.00	3.00	2.86	2.73	2.73	2.59	2.59	2.59	2.46
202.5	3.00	2.86	2.86	2.73	2.59	2.59	2.46	2.46	2.32
225.0	3.27	3.14	3.00	2.86	2.73	2.73	2.59	2.59	2.32
247.5	3.00	3.00	2.86	2.86	2.73	2.59	2.59	2.46	2.46
270.0	3.14	3.00	3.00	2.86	2.86	2.73	2.59	2.59	2.59
292.5	3.00	3.00	2.86	2.86	2.86	2.73	2.59	2.46	2.46
315.0	3.14	3.14	3.00	2.86	2.86	2.73	2.59	2.46	2.46
337.5	3.00	3.00	2.86	2.73	2.73	2.59	2.59	2.46	2.46
360.0	3.00	2.86	2.73	2.73	2.59	2.59	2.46	2.46	2.32
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	2.18	2.18	2.05	2.05	1.91	1.77	1.64	1.64	1.50
22.5	2.46	2.32	2.18	2.18	2.05	1.91	1.91	1.77	1.64
45.0	2.18	2.05	2.05	1.91	1.77	1.64	1.64	1.50	1.50
67.5	2.32	2.18	2.18	2.05	2.05	1.91	1.91	1.64	1.64
90.0	2.18	2.05	2.05	1.91	1.77	1.77	1.64	1.50	1.36
112.5	2.32	2.18	2.18	2.05	2.05	1.91	1.77	1.77	1.64
135.0	2.05	2.05	1.91	1.91	1.77	1.64	1.64	1.50	1.36
157.5	2.32	2.18	2.18	2.05	2.05	1.91	1.77	1.77	1.64
180.0	2.46	2.32	2.18	2.05	2.05	1.91	1.91	1.77	1.64
202.5	2.18	2.18	2.18	2.05	1.91	1.77	1.64	1.64	1.64
225.0	2.32	2.18	2.18	2.05	2.05	1.91	1.91	1.64	1.64
247.5	2.32	2.18	2.18	2.05	2.05	1.91	1.77	1.64	1.50
270.0	2.46	2.32	2.32	2.18	2.05	1.91	1.91	1.77	1.64
292.5	2.32	2.32	2.18	2.05	1.91	1.91	1.77	1.77	1.64
315.0	2.32	2.32	2.18	2.05	2.05	2.05	1.77	1.77	1.64
337.5	2.32	2.18	2.18	2.05	1.91	1.91	1.77	1.77	1.50
360.0	2.18	2.18	2.05	2.05	1.91	1.77	1.64	1.64	1.50
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	1.36	1.36	1.23	1.09	1.09	0.95	0.82	0.68	0.68
22.5	1.50	1.50	1.36	1.23	1.09	1.09	1.09	0.82	0.82
45.0	1.36	1.36	1.23	1.09	0.95	0.95	0.82	0.68	0.68
67.5	1.64	1.36	1.36	1.23	1.09	1.09	0.95	0.95	0.82
90.0	1.36	1.23	1.23	1.09	1.09	0.82	0.82	0.68	0.68
112.5	1.50	1.50	1.36	1.23	1.23	0.95	0.95	0.82	0.82
135.0	1.36	1.23	1.09	0.95	0.95	0.95	0.82	0.68	0.68
157.5	1.50	1.50	1.36	1.23	1.23	1.09	1.09	0.82	0.68
180.0	1.50	1.36	1.36	1.23	1.09	1.09	0.95	0.95	0.82
202.5	1.36	1.36	1.23	1.23	1.09	0.95	0.95	0.82	0.68
225.0	1.50	1.50	1.36	1.23	1.09	1.09	1.09	0.95	0.82
247.5	1.36	1.36	1.36	1.23	1.09	0.95	0.82	0.82	0.68
270.0	1.50	1.50	1.50	1.36	1.23	1.09	0.95	0.95	0.82
292.5	1.50	1.36	1.36	1.23	1.09	0.95	0.95	0.82	0.82
315.0	1.64	1.50	1.36	1.36	1.23	1.09	1.09	0.95	0.82
337.5	1.50	1.36	1.36	1.23	1.23	1.09	0.95	0.82	0.68
360.0	1.36	1.36	1.23	1.09	1.09	0.95	0.82	0.68	0.68

SPKPL-RDLRE2R-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	0.55	0.41	0.27	0.14	0.14	0.00	0.00	0.00	0.00
22.5	0.68	0.55	0.55	0.41	0.27	0.14	0.27	0.00	0.00
45.0	0.55	0.41	0.41	0.27	0.14	0.14	0.00	0.00	0.00
67.5	0.68	0.41	0.55	0.41	0.41	0.27	0.14	0.14	0.00
90.0	0.68	0.41	0.41	0.27	0.14	0.14	0.00	0.00	0.00
112.5	0.68	0.55	0.55	0.41	0.41	0.27	0.14	0.14	0.00
135.0	0.41	0.41	0.41	0.27	0.14	0.14	0.00	0.00	0.00
157.5	0.68	0.55	0.55	0.41	0.27	0.14	0.00	0.14	0.00
180.0	0.68	0.55	0.55	0.27	0.27	0.14	0.14	0.00	0.00
202.5	0.55	0.41	0.27	0.27	0.27	0.14	0.00	0.00	0.00
225.0	0.68	0.68	0.55	0.41	0.27	0.27	0.14	0.14	0.00
247.5	0.68	0.41	0.41	0.41	0.27	0.14	0.14	0.00	0.00
270.0	0.82	0.68	0.55	0.41	0.41	0.27	0.27	0.14	0.00
292.5	0.68	0.55	0.41	0.41	0.27	0.14	0.14	0.00	0.00
315.0	0.82	0.55	0.55	0.41	0.41	0.27	0.14	0.14	0.00
337.5	0.55	0.55	0.41	0.27	0.14	0.14	0.00	0.00	0.00
360.0	0.55	0.41	0.27	0.14	0.14	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	0.00	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

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 21 Total:23

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

SPKPL-RDLRE2R-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	0.00	0.00	0.00	0.00	0.14	0.14
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
90.0	0.00	0.00	0.00	0.00	0.00	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	0.14	0.00	0.00	0.00	0.14
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	0.14
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	0.14	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
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	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.14
22.5	0.00	0.14	0.00	0.14	0.00	0.00	0.00	0.14	0.14
45.0	0.00	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	0.00	0.00	0.00	0.00	0.14
90.0	0.14	0.00	0.00	0.14	0.00	0.00	0.14	0.00	0.14
112.5	0.14	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.14
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	0.14	0.14	0.14	0.14	0.14
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14
202.5	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.00	0.00	0.14	0.00	0.00	0.00	0.14	0.00	0.00
247.5	0.14	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.14
270.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00
292.5	0.00	0.14	0.00	0.00	0.00	0.14	0.14	0.00	0.14
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.14
337.5	0.14	0.00	0.14	0.00	0.00	0.00	0.14	0.14	0.14
360.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	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	0.00	0.14	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	0.14	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	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
180.0	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
202.5	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.00	0.14
225.0	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.00	0.14
247.5	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.00
292.5	0.14	0.14	0.00	0.14	0.14	0.14	0.14	0.14	0.14
315.0	0.14	0.14	0.00	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	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14

SPKPL-RDLRE2R-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	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.00	0.14
45.0	0.00	0.14	0.14	0.14	0.14	0.14	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	0.14
112.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
135.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	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	0.00	0.00	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
292.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	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	0.14	0.14
360.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
C/ $\gamma(^{\circ})$	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14	0.14
22.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.27	0.14
45.0	0.27	0.14	0.00	0.14	0.27	0.14	0.14	0.27	0.14
67.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
90.0	0.27	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	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
157.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	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	0.14	0.14	0.14	0.14	0.14	0.14	0.14
225.0	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
247.5	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
270.0	0.14	0.14	0.27	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	0.14	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	0.27	0.14	0.14	0.14	0.14
360.0	0.14	0.14	0.14	0.27	0.14	0.14	0.14	0.14	0.14
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								