



Bell-Southcn Testing Laboratory(Shenzhen)
http://www.bell-southcn.com/
Email:Marketing@bell-southcn.com
Tel:+86 755 29405577 Fax:+86 755 29405799

ACCREDITED Address:Junxiangda Building, West of Zhongshan Park Road, Nanshan District, Shenzhen, Guangdong, China

SOLERGIE

LumCAT: LED BULB SLGTR8.5

Luminaire: LED Luminaires

Report No: BSR1801200101-9

Test No: S01

LampCAT:

Lamp flux(lm)

Number of Lamps: 1

Length(mm): 95

Phm Type: C

Voltage(V): 229.9600

Current(A): 0.0400

Power (W): 8.2900

PF: 0.8945

Ballast type:

Width(mm): 95

Height(mm): 0

Photometric Results

Lumens(lm): 716.37

Lumens(lm)/Power(W): 86.41

Central intensity(cd): 95.297

Maximum intensity(cd): 100.080

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

Beam Angle(50%Imax): [C0/180]Total=211.4

[C90/270]Total=212.4

Field angle(10%Imax): [C0/180]Total=295.5

[C90/270]Total=295.8

Maximum s/h(1/2): C0_180=1.10 C90_270=1.15

Maximum s/h(1/4): C0_180=1.61 C90_270=1.54

Up flux rate of LUM(%): 29.60%

Down flux rate of LUM(%): 70.40%

CIE Type : Semidirect lighting

Output flux ratio in π solid angle : 35.206%

SOLERGIE LED BULB SLGTR8.5

Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	95.297	.000	.000	.000%	.000%
1.0	95.760	.091	.091	.013%	.013%
2.0	95.606	.275	.366	.038%	.051%
3.0	95.411	.457	.823	.064%	.115%
4.0	95.087	.638	1.461	.089%	.204%
5.0	94.605	.816	2.277	.114%	.318%
6.0	94.115	.992	3.268	.138%	.456%
7.0	93.450	1.164	4.433	.163%	.619%
8.0	92.788	1.333	5.765	.186%	.805%
9.0	92.041	1.498	7.263	.209%	1.014%
10.0	91.235	1.659	8.922	.232%	1.245%
11.0	90.376	1.815	10.737	.253%	1.499%
12.0	89.396	1.965	12.702	.274%	1.773%
13.0	88.363	2.110	14.811	.294%	2.068%
14.0	87.276	2.248	17.060	.314%	2.381%
15.0	86.182	2.381	19.441	.332%	2.714%
16.0	85.045	2.509	21.950	.350%	3.064%
17.0	83.861	2.630	24.580	.367%	3.431%
18.0	82.679	2.746	27.326	.383%	3.815%
19.0	81.529	2.857	30.183	.399%	4.213%
20.0	80.317	2.962	33.145	.414%	4.627%
21.0	79.193	3.063	36.208	.428%	5.054%
22.0	77.995	3.159	39.367	.441%	5.495%
23.0	76.948	3.251	42.618	.454%	5.949%
24.0	75.938	3.343	45.961	.467%	6.416%
25.0	75.028	3.433	49.393	.479%	6.895%
26.0	74.189	3.522	52.915	.492%	7.387%
27.0	73.367	3.610	56.525	.504%	7.891%
28.0	72.664	3.697	60.223	.516%	8.407%
29.0	71.992	3.785	64.007	.528%	8.935%
30.0	71.531	3.875	67.882	.541%	9.476%
31.0	71.241	3.973	71.855	.555%	10.030%
32.0	71.127	4.079	75.934	.569%	10.600%
33.0	71.158	4.192	80.126	.585%	11.185%
34.0	71.360	4.313	84.439	.602%	11.787%
35.0	71.766	4.445	88.884	.620%	12.408%
36.0	72.257	4.586	93.470	.640%	13.048%
37.0	72.893	4.734	98.204	.661%	13.708%

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Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	73.656	4.892	103.095	.683%	14.391%
39.0	74.487	5.057	108.152	.706%	15.097%
40.0	75.285	5.224	113.375	.729%	15.826%
41.0	76.125	5.392	118.767	.753%	16.579%
42.0	77.028	5.564	124.331	.777%	17.356%
43.0	77.873	5.738	130.069	.801%	18.157%
44.0	78.683	5.909	135.978	.825%	18.982%
45.0	79.494	6.079	142.057	.849%	19.830%
46.0	80.393	6.253	148.310	.873%	20.703%
47.0	81.137	6.424	154.734	.897%	21.600%
48.0	81.905	6.591	161.325	.920%	22.520%
49.0	82.643	6.757	168.083	.943%	23.463%
50.0	83.355	6.921	175.004	.966%	24.429%
51.0	84.033	7.082	182.086	.989%	25.418%
52.0	84.662	7.239	189.324	1.010%	26.428%
53.0	85.263	7.392	196.716	1.032%	27.460%
54.0	85.814	7.540	204.257	1.053%	28.513%
55.0	86.281	7.682	211.939	1.072%	29.585%
56.0	86.696	7.816	219.755	1.091%	30.676%
57.0	87.030	7.943	227.698	1.109%	31.785%
58.0	87.305	8.062	235.760	1.125%	32.910%
59.0	87.507	8.173	243.932	1.141%	34.051%
60.0	87.629	8.274	252.207	1.155%	35.206%
61.0	87.704	8.367	260.574	1.168%	36.374%
62.0	87.719	8.453	269.027	1.180%	37.554%
63.0	87.642	8.529	277.555	1.191%	38.745%
64.0	87.521	8.595	286.151	1.200%	39.944%
65.0	87.352	8.654	294.805	1.208%	41.153%
66.0	87.127	8.705	303.510	1.215%	42.368%
67.0	86.817	8.746	312.257	1.221%	43.589%
68.0	86.451	8.777	321.034	1.225%	44.814%
69.0	86.127	8.804	329.838	1.229%	46.043%
70.0	85.716	8.826	338.664	1.232%	47.275%
71.0	85.239	8.836	347.499	1.233%	48.508%
72.0	84.684	8.835	356.335	1.233%	49.742%
73.0	84.083	8.825	365.160	1.232%	50.974%
74.0	83.454	8.808	373.968	1.230%	52.203%
75.0	82.719	8.780	382.748	1.226%	53.429%

Equipment: GMS2200
Temperature($^{\circ}\text{C}$): 25.2

Date: 2018-1-20
Humidity(%): 63.0%

Operator: Jack
Distance(m): 12.00

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Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	81.929	8.740	391.488	1.220%	54.649%
77.0	81.097	8.692	400.180	1.213%	55.862%
78.0	80.159	8.632	408.812	1.205%	57.067%
79.0	79.197	8.562	417.374	1.195%	58.262%
80.0	78.133	8.482	425.856	1.184%	59.446%
81.0	76.982	8.388	434.245	1.171%	60.617%
82.0	75.740	8.282	442.527	1.156%	61.773%
83.0	74.559	8.170	450.697	1.141%	62.914%
84.0	73.222	8.051	458.748	1.124%	64.038%
85.0	71.969	7.924	466.672	1.106%	65.144%
86.0	70.663	7.796	474.469	1.088%	66.232%
87.0	69.382	7.664	482.133	1.070%	67.302%
88.0	68.063	7.529	489.662	1.051%	68.353%
89.0	66.803	7.392	497.054	1.032%	69.385%
90.0	65.537	7.256	504.310	1.013%	70.398%
91.0	64.272	7.117	511.427	.994%	71.391%
92.0	63.021	6.977	518.404	.974%	72.365%
93.0	61.772	6.836	525.240	.954%	73.320%
94.0	60.580	6.696	531.936	.935%	74.254%
95.0	59.415	6.559	538.495	.916%	75.170%
96.0	58.336	6.427	544.922	.897%	76.067%
97.0	57.339	6.302	551.224	.880%	76.947%
98.0	56.304	6.178	557.402	.862%	77.809%
99.0	55.274	6.051	563.452	.845%	78.654%
100.0	54.329	5.927	569.379	.827%	79.481%
101.0	53.399	5.808	575.187	.811%	80.292%
102.0	52.476	5.689	580.876	.794%	81.086%
103.0	51.475	5.565	586.441	.777%	81.863%
104.0	50.517	5.438	591.878	.759%	82.622%
105.0	49.512	5.310	597.188	.741%	83.363%
106.0	48.608	5.184	602.372	.724%	84.087%
107.0	47.614	5.059	607.431	.706%	84.793%
108.0	46.670	4.930	612.361	.688%	85.481%
109.0	45.687	4.802	617.164	.670%	86.151%
110.0	44.675	4.670	621.834	.652%	86.803%
111.0	43.651	4.536	626.370	.633%	87.437%
112.0	42.681	4.404	630.775	.615%	88.051%
113.0	41.728	4.276	635.050	.597%	88.648%

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Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	40.626	4.141	639.191	.578%	89.226%
115.0	39.621	4.004	643.195	.559%	89.785%
116.0	38.639	3.873	647.068	.541%	90.326%
117.0	37.657	3.744	650.812	.523%	90.849%
118.0	36.657	3.614	654.426	.505%	91.353%
119.0	35.618	3.483	657.909	.486%	91.839%
120.0	34.645	3.353	661.262	.468%	92.307%
121.0	33.627	3.225	664.487	.450%	92.758%
122.0	32.694	3.101	667.588	.433%	93.190%
123.0	31.739	2.980	670.568	.416%	93.606%
124.0	30.834	2.861	673.429	.399%	94.006%
125.0	29.849	2.742	676.171	.383%	94.388%
126.0	28.920	2.623	678.794	.366%	94.755%
127.0	28.004	2.509	681.303	.350%	95.105%
128.0	27.116	2.398	683.701	.335%	95.440%
129.0	26.195	2.288	685.988	.319%	95.759%
130.0	25.250	2.177	688.165	.304%	96.063%
131.0	24.325	2.067	690.232	.289%	96.351%
132.0	23.388	1.959	692.191	.274%	96.625%
133.0	22.463	1.854	694.045	.259%	96.883%
134.0	21.549	1.750	695.795	.244%	97.128%
135.0	20.606	1.649	697.444	.230%	97.358%
136.0	19.656	1.547	698.991	.216%	97.574%
137.0	18.782	1.451	700.442	.203%	97.776%
138.0	17.844	1.357	701.799	.189%	97.966%
139.0	16.934	1.264	703.062	.176%	98.142%
140.0	16.043	1.174	704.236	.164%	98.306%
141.0	15.105	1.086	705.323	.152%	98.458%
142.0	14.265	1.002	706.325	.140%	98.598%
143.0	13.351	.922	707.247	.129%	98.726%
144.0	12.499	.843	708.090	.118%	98.844%
145.0	11.687	.770	708.860	.108%	98.952%
146.0	10.913	.702	709.562	.098%	99.050%
147.0	10.139	.637	710.199	.089%	99.139%
148.0	9.429	.577	710.776	.080%	99.219%
149.0	8.741	.521	711.296	.073%	99.292%
150.0	8.171	.471	711.767	.066%	99.357%
151.0	7.626	.427	712.193	.060%	99.417%

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Zonal flux distribution table

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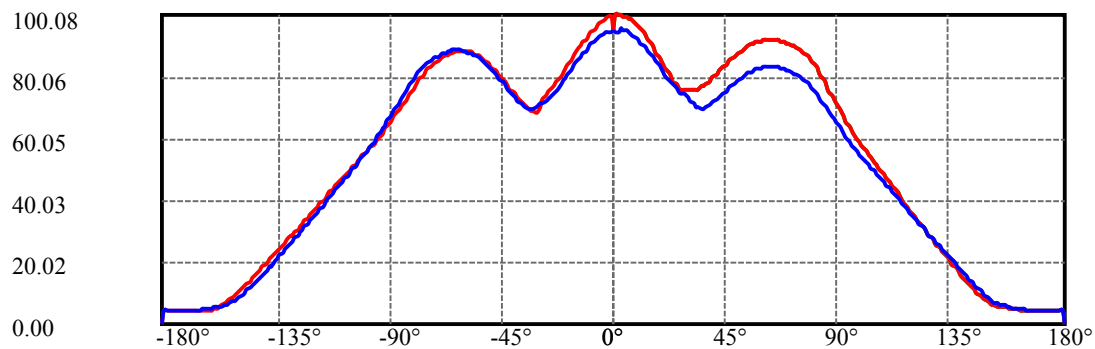
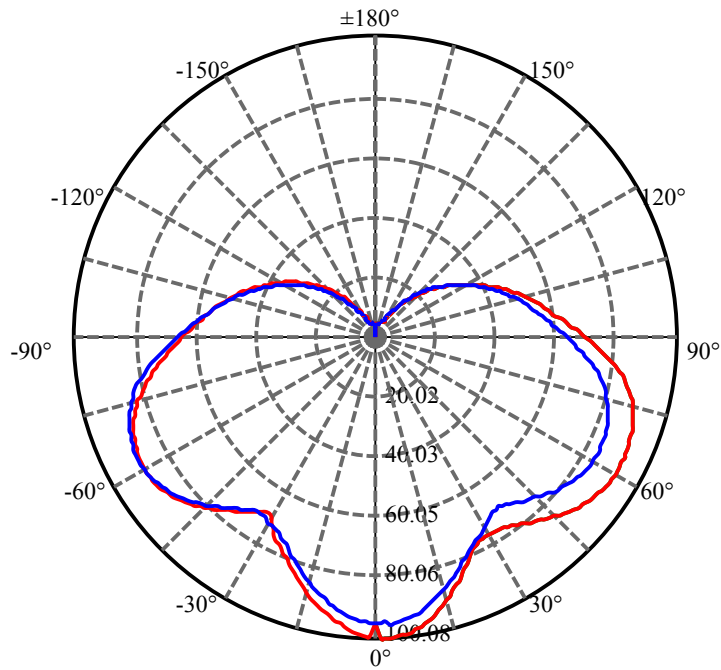
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	7.143	.386	712.580	.054%	99.471%
153.0	6.693	.350	712.930	.049%	99.520%
154.0	6.326	.319	713.249	.044%	99.564%
155.0	6.012	.291	713.540	.041%	99.605%
156.0	5.756	.268	713.807	.037%	99.642%
157.0	5.496	.246	714.054	.034%	99.677%
158.0	5.289	.226	714.280	.032%	99.708%
159.0	5.119	.209	714.489	.029%	99.737%
160.0	4.962	.194	714.683	.027%	99.764%
161.0	4.830	.179	714.862	.025%	99.789%
162.0	4.712	.166	715.028	.023%	99.813%
163.0	4.625	.154	715.182	.021%	99.834%
164.0	4.536	.143	715.324	.020%	99.854%
165.0	4.474	.132	715.456	.018%	99.872%
166.0	4.415	.122	715.578	.017%	99.889%
167.0	4.367	.112	715.691	.016%	99.905%
168.0	4.323	.103	715.794	.014%	99.920%
169.0	4.285	.094	715.888	.013%	99.933%
170.0	4.247	.085	715.973	.012%	99.945%
171.0	4.220	.077	716.050	.011%	99.955%
172.0	4.195	.068	716.118	.010%	99.965%
173.0	4.174	.060	716.178	.008%	99.973%
174.0	4.160	.052	716.230	.007%	99.980%
175.0	4.147	.044	716.273	.006%	99.986%
176.0	4.136	.036	716.309	.005%	99.991%
177.0	4.134	.028	716.337	.004%	99.995%
178.0	4.134	.020	716.357	.003%	99.998%
179.0	4.135	.012	716.368	.002%	100.000%
180.0	.000	.002	716.370	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	67.88	9.48%
0-40	113.38	15.83%
0-60	252.21	35.21%
0-90	504.31	70.40%
0-120	661.26	92.31%
0-180	716.37	100.00%
60-90	260.38	36.35%
90-120	164.21	22.92%
90-130	191.11	26.68%
90-150	214.71	29.97%
90-180	219.31	30.61%
0-100.64	573.10	80.00%

ZONAL LUMEN SUMMARY

0-10	8.92
10-20	24.22
20-30	34.74
30-40	45.49
40-50	61.63
50-60	77.20
60-70	86.46
70-80	87.19
80-90	78.45
90-100	65.07
100-110	52.45
110-120	39.43
120-130	26.90
130-140	16.07
140-150	7.53
150-160	2.92
160-170	1.29
170-180	0.40



C0(Max):

C0/C180:

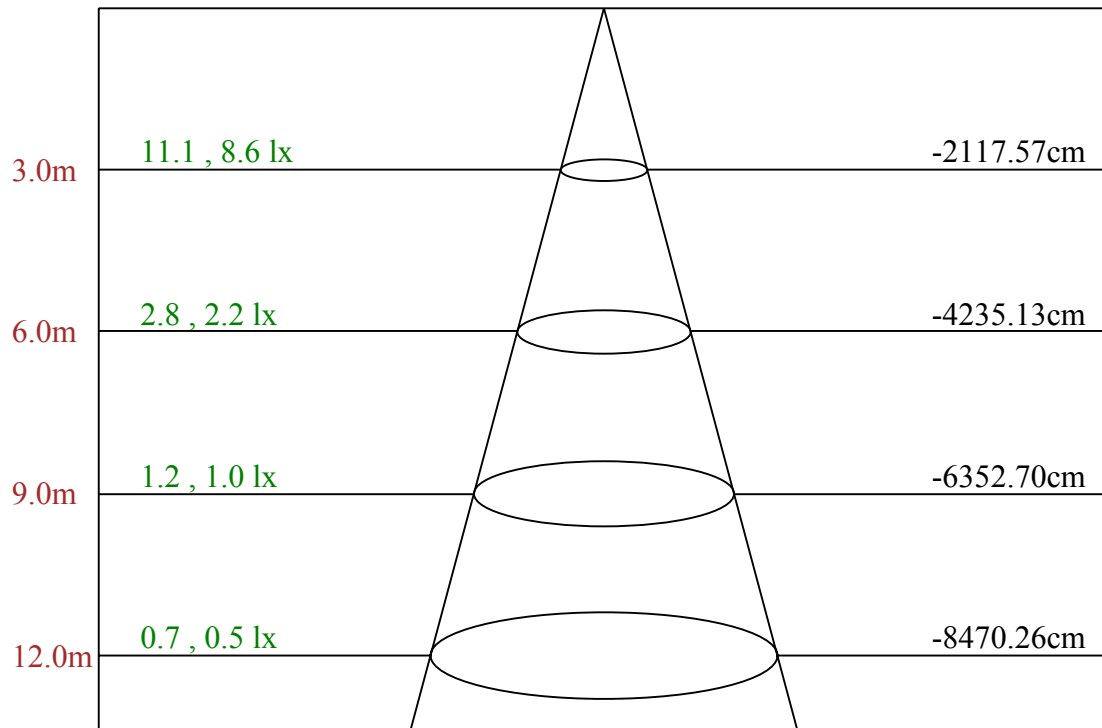
C90/C270:

Field angle(10%Imax):C0/180Left:151.2 Right:144.3

:C90/270Left:150.9 Right:144.9

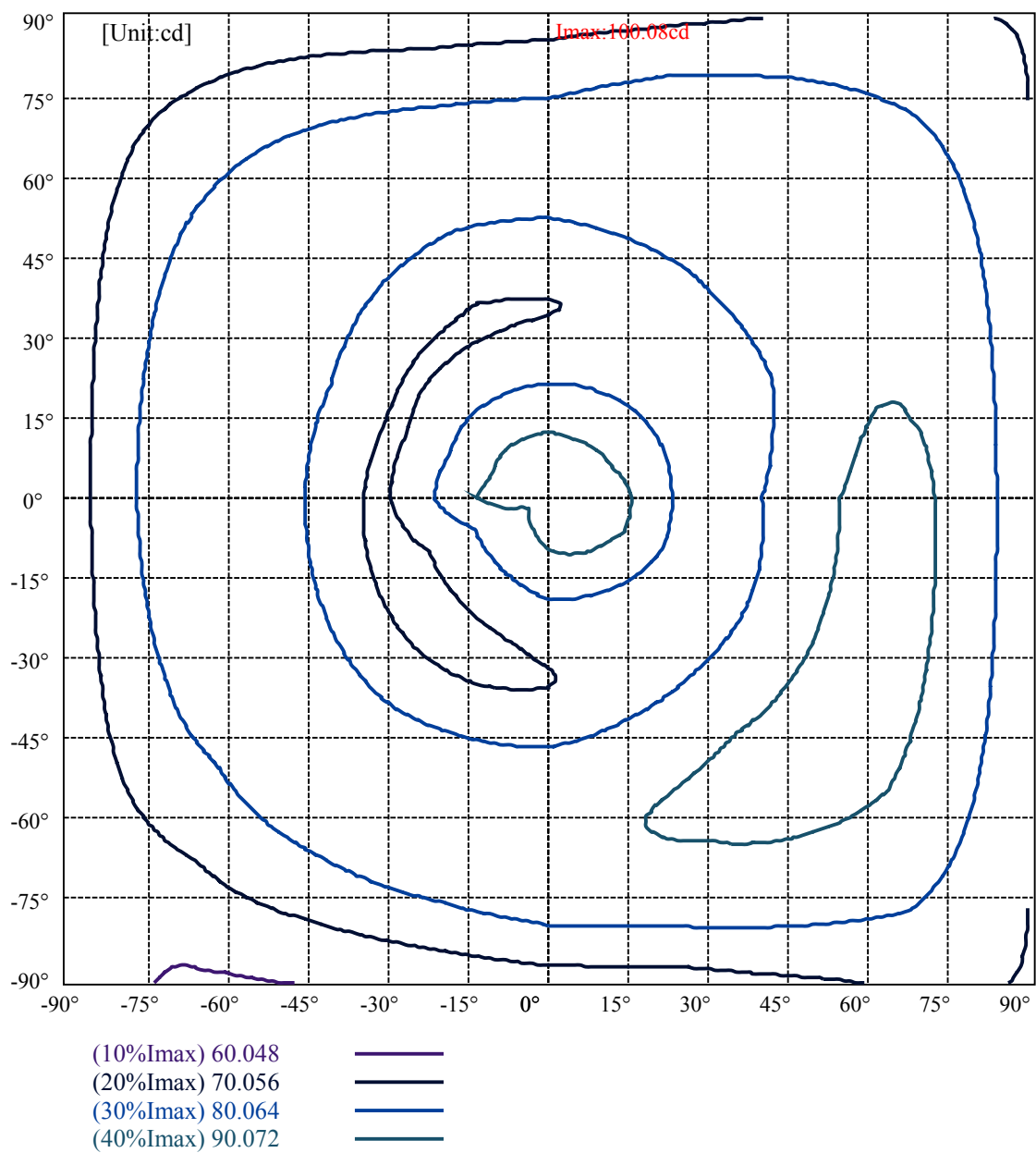
Beam Angle(50%Imax):C0/180Left:106.0 Right:105.4

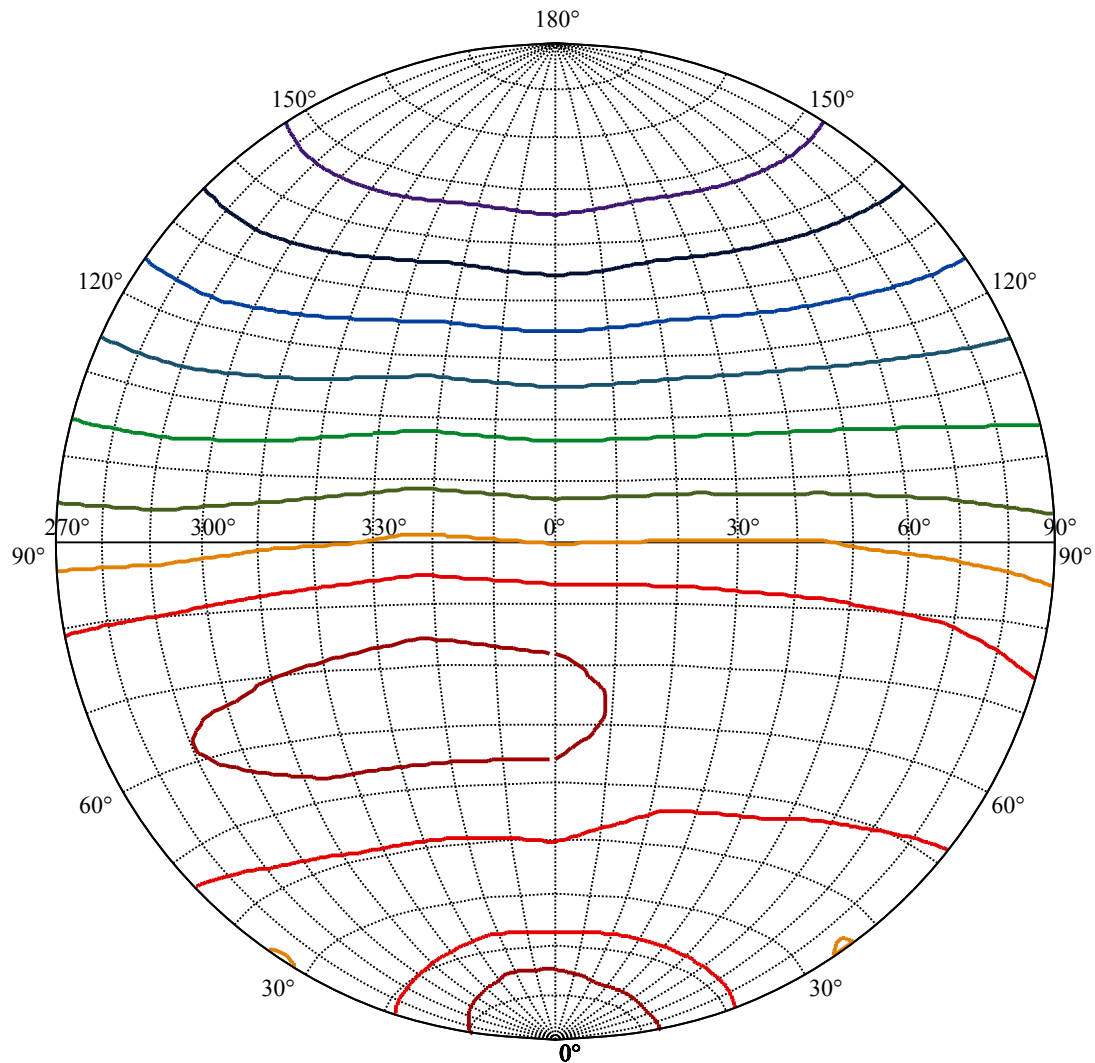
:C90/270Left:109.4 Right:103.0



Max , Ave

Beam angle of C0plane211.70





House

[Unit:cd]

Road

Imax:100.08

(10%Imax) 10.008

(20%Imax) 20.016

(30%Imax) 30.024

(40%Imax) 40.032

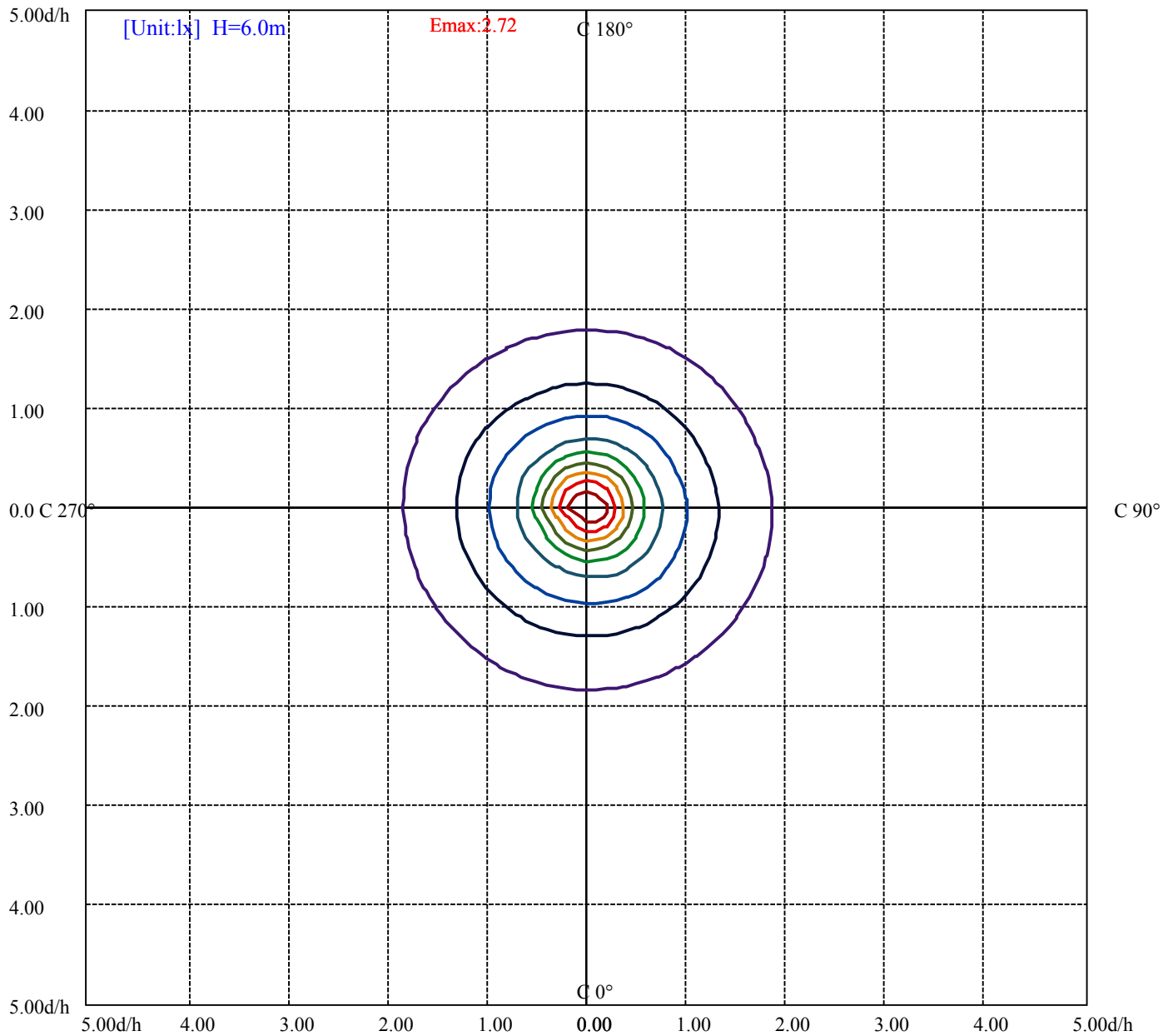
(50%Imax) 50.04

(60%Imax) 60.048

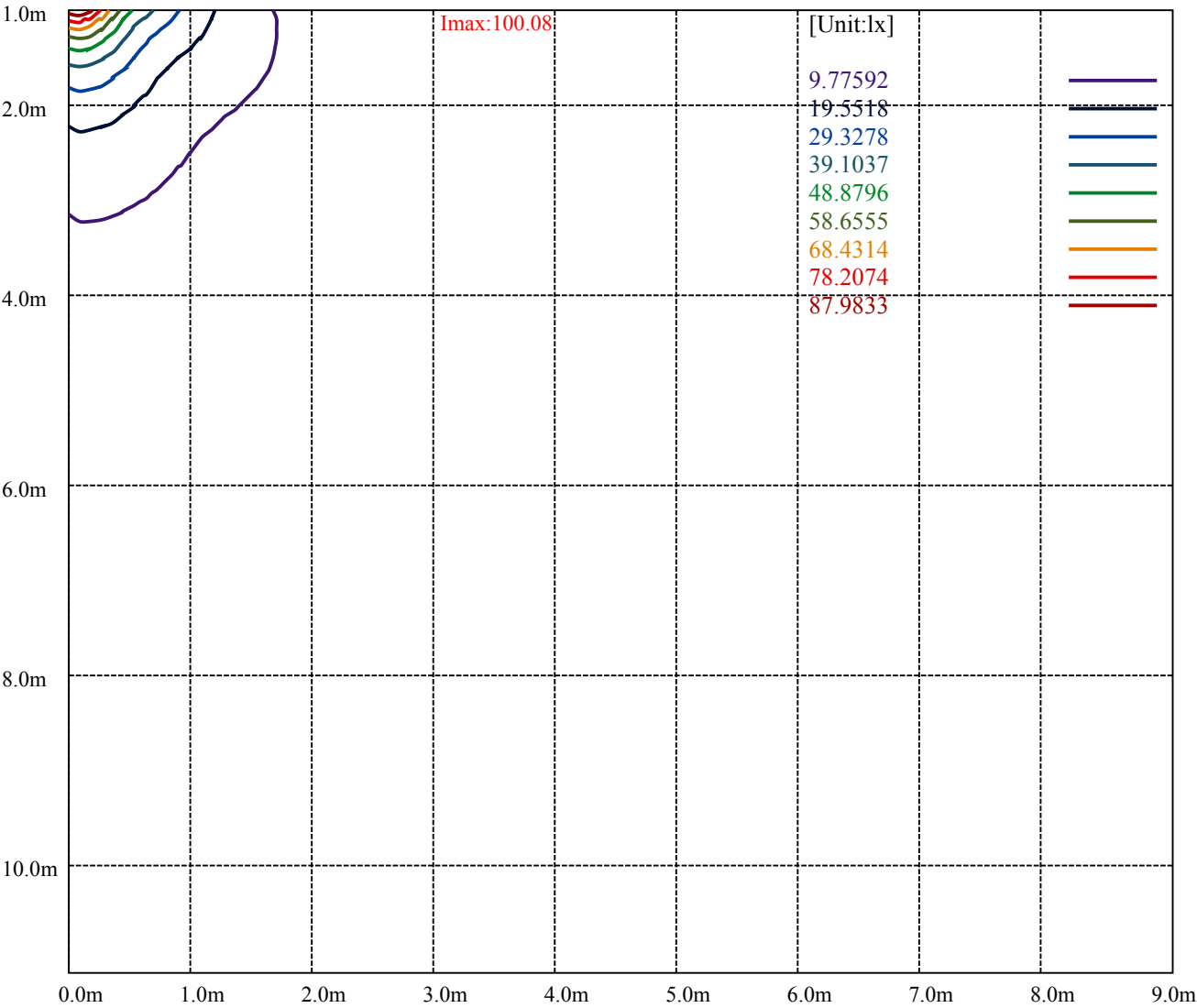
(70%Imax) 70.056

(80%Imax) 80.064

(90%Imax) 90.072



(10%E _{max}) 0.2715522	—
(20%E _{max}) 0.5431055	—
(30%E _{max}) 0.8146555	—
(40%E _{max}) 1.086208	—
(50%E _{max}) 1.357761	—
(60%E _{max}) 1.629314	—
(70%E _{max}) 1.900867	—
(80%E _{max}) 2.17242	—
(90%E _{max}) 2.443969	—



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Luminance Limiting Curve(no luminous side)

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Luminance Table

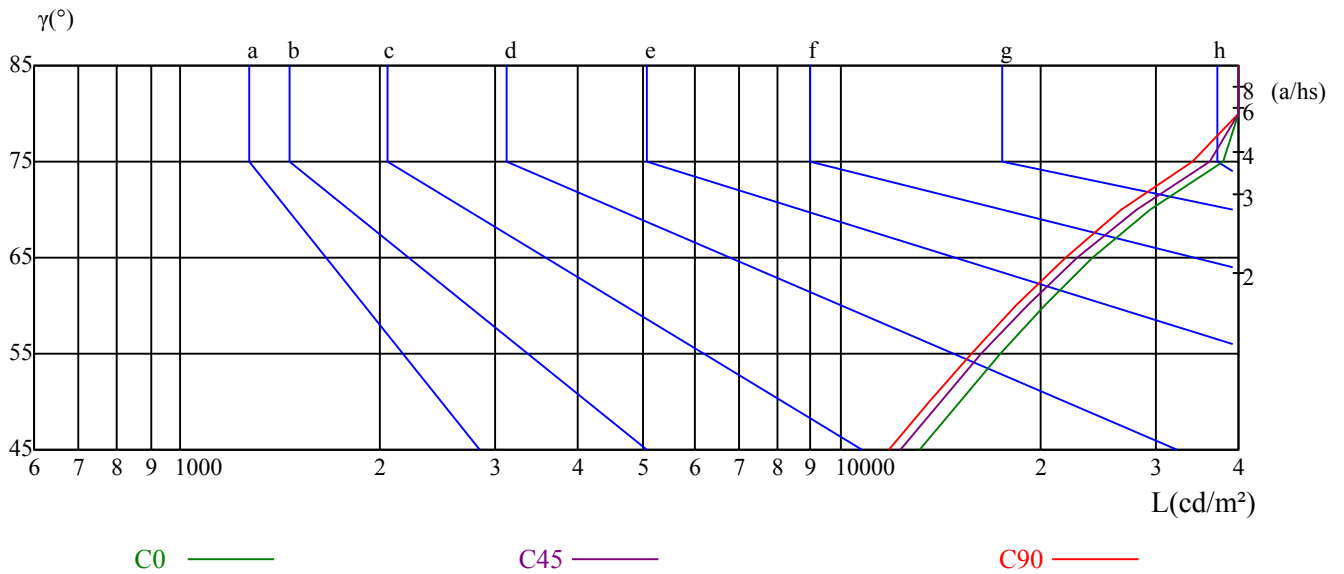
γ	45	50	55	60	65	70	75	80	85
C0	13191	15137	17475	20350	24061	29404	37827	53780	98272
C45	12275	14124	16349	19118	22755	27967	36237	51888	96497
C90	11788	13605	15759	18435	21818	26559	33993	48267	88936

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
23504	22505	22847	36385	34921	35323	93568	90400	91311

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

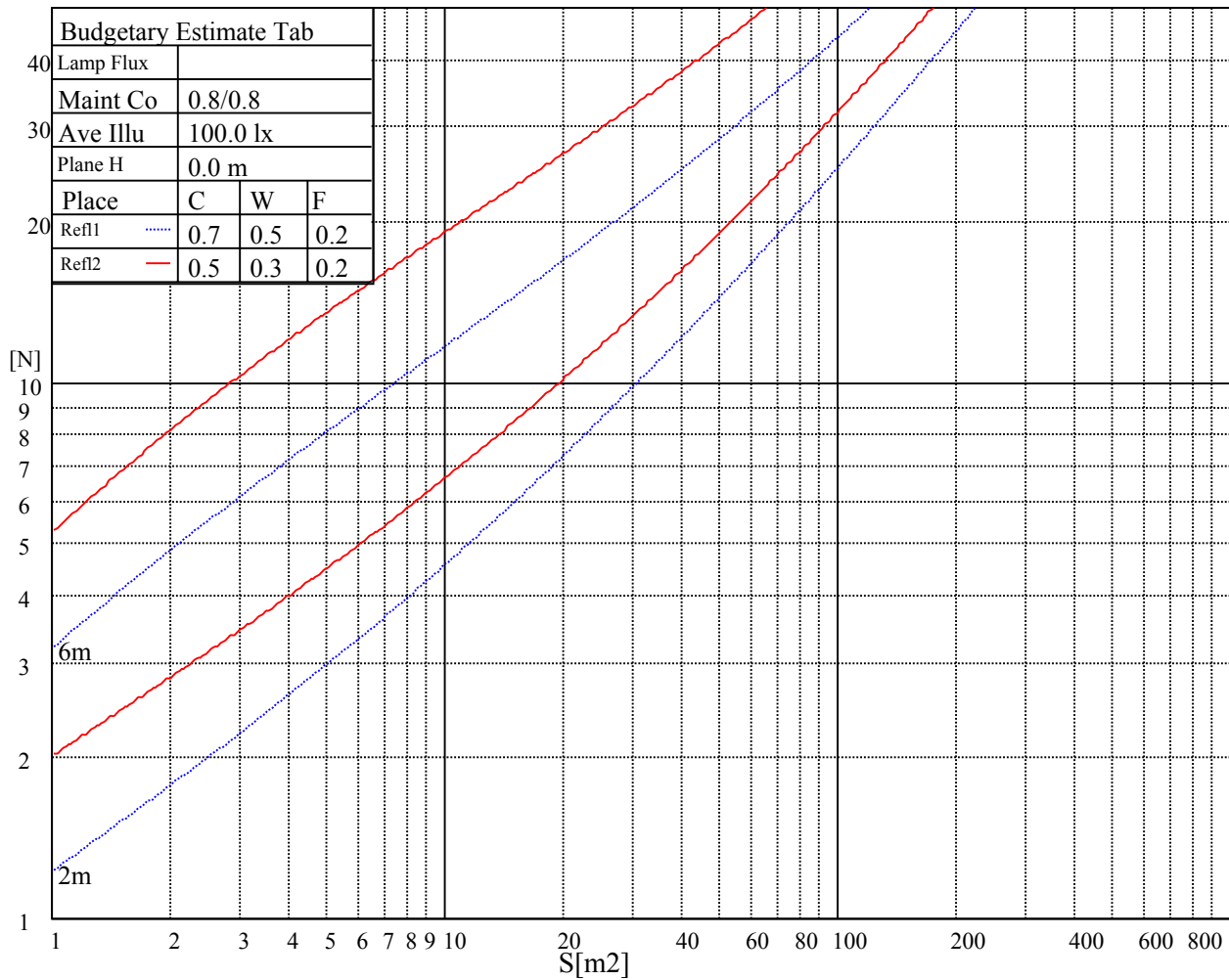


Equipment: GMS2200
Temperature($^{\circ}$ C): 25.2

Date: 2018-1-20
Humidity(%): 63.0%

Operator: Jack
Distance(m): 12.00

Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	21.12	22.42	21.84	23.19	24.11	21.32	22.61	22.04	23.38	24.31
	3H	24.64	25.84	25.37	26.61	27.56	24.84	26.04	25.57	26.82	27.77
	4H	26.42	27.57	27.17	28.36	29.32	26.63	27.78	27.38	28.57	29.53
	6H	28.33	29.41	29.09	30.20	31.18	28.54	29.62	29.30	30.41	31.39
	8H	29.33	30.37	30.10	31.18	32.11	29.54	30.58	30.31	31.39	32.32
	12H	30.92	31.92	31.70	32.73	33.74	31.14	32.13	31.92	32.94	33.95
4H	2H	22.24	23.39	22.99	24.17	25.13	22.37	23.52	23.13	24.31	25.27
	3H	25.93	26.93	26.69	27.75	28.73	26.08	27.08	26.84	27.90	28.88
	4H	27.87	28.81	28.65	29.62	30.63	28.03	28.97	28.81	29.78	30.79
	6H	29.76	30.67	30.62	31.51	32.51	29.93	30.84	30.79	31.68	32.68
	8H	30.95	31.75	31.75	32.59	33.61	31.13	31.93	31.93	32.77	33.79
	12H	32.48	33.21	33.30	34.07	35.10	32.67	33.41	33.49	34.26	35.29
8H	4H	28.66	29.46	29.46	30.29	31.32	28.79	29.58	29.58	30.42	31.44
	6H	30.90	33.70	31.72	32.46	33.48	31.03	33.84	31.86	32.60	33.62
	8H	32.20	32.82	33.03	33.69	34.73	32.34	32.97	33.18	33.84	34.88
	12H	33.86	34.42	34.70	37.07	36.37	34.03	34.59	34.87	37.24	36.54
12H	4H	28.88	29.62	29.70	30.47	31.50	28.99	29.73	29.81	30.58	31.61
	6H	32.26	31.86	32.07	32.72	33.79	32.38	31.98	32.20	32.84	33.91
	8H	32.64	33.21	33.48	34.07	35.16	32.77	33.34	33.61	34.20	35.29
Variation with the observer position at spacings:											
S = 1.0H		0.2/-1.3					0.2/-1.4				
S = 1.5H		0.2/-1.3					0.2/-1.3				
S = 2.0H		0.1/-1.2					0.1/-1.2				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		14.1					14.6				



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Utilization factor table for indoor luminaire

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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	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.12	1.12	1.12	1.06	1.06	1.06	0.95	0.95	0.95	0.84	0.84	0.84	0.75	0.75	0.75	0.70
1	0.90	0.84	0.78	0.85	0.79	0.74	0.75	0.70	0.66	0.66	0.62	0.59	0.57	0.55	0.52	0.48
2	0.75	0.67	0.59	0.71	0.63	0.56	0.62	0.56	0.50	0.54	0.49	0.45	0.47	0.43	0.40	0.36
3	0.64	0.55	0.47	0.60	0.52	0.45	0.53	0.46	0.40	0.46	0.40	0.36	0.40	0.35	0.31	0.28
4	0.56	0.46	0.38	0.53	0.43	0.36	0.46	0.39	0.33	0.40	0.34	0.29	0.35	0.30	0.25	0.22
5	0.49	0.39	0.32	0.46	0.37	0.30	0.41	0.33	0.27	0.36	0.29	0.24	0.31	0.26	0.21	0.18
6	0.44	0.34	0.27	0.41	0.32	0.26	0.36	0.29	0.23	0.32	0.26	0.21	0.28	0.22	0.18	0.15
7	0.39	0.30	0.23	0.37	0.28	0.22	0.33	0.25	0.20	0.29	0.23	0.18	0.25	0.20	0.16	0.13
8	0.36	0.27	0.20	0.34	0.25	0.19	0.30	0.23	0.18	0.26	0.20	0.16	0.23	0.18	0.14	0.11
9	0.32	0.24	0.18	0.31	0.23	0.17	0.27	0.20	0.16	0.24	0.18	0.14	0.21	0.16	0.12	0.10
10	0.30	0.21	0.16	0.28	0.20	0.15	0.25	0.18	0.14	0.22	0.17	0.12	0.20	0.15	0.11	0.09

Equipment: GMS2200
Temperature(°C): 25.2

Date: 2018-1-20
Humidity(%): 63.0%

Operator: Jack
Distance(m): 12.00

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Intensity data(cd)									Page: 18 Total:24
C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	95.30	100.08	100.07	99.94	99.75	99.48	99.13	98.67	98.15
22.5	95.30	92.79	93.04	93.20	93.25	93.20	93.08	92.94	92.72
45.0	95.30	93.36	93.57	93.67	93.69	93.59	93.44	93.08	92.84
67.5	95.30	94.02	94.10	94.15	93.96	93.83	93.66	93.18	92.78
90.0	95.30	94.77	94.64	95.49	95.23	94.97	94.41	93.95	93.40
112.5	95.30	96.49	96.26	96.02	95.69	95.07	94.55	94.19	93.31
135.0	95.30	97.47	97.20	96.84	96.44	95.66	95.05	94.44	93.54
157.5	95.30	98.12	97.66	96.97	96.44	95.67	95.03	94.10	93.25
180.0	95.30	99.76	99.42	98.81	98.25	97.60	96.91	95.98	95.13
202.5	95.30	91.80	91.32	90.82	90.17	89.12	88.40	86.99	86.60
225.0	95.30	92.58	92.19	91.60	91.04	90.07	89.32	88.50	87.61
247.5	95.30	93.56	93.17	92.72	92.13	91.31	90.63	89.87	89.04
270.0	95.30	94.68	94.52	94.25	93.82	93.46	92.85	92.12	91.38
292.5	95.30	96.44	96.31	95.96	95.69	95.24	94.67	93.40	93.14
315.0	95.30	97.57	97.46	97.40	97.26	96.98	96.49	95.96	95.01
337.5	95.30	98.67	98.77	98.74	98.60	98.44	98.21	97.83	96.71
360.0	95.30	100.08	100.07	99.94	99.75	99.48	99.13	98.67	98.15
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	97.27	96.62	95.67	94.64	93.11	91.80	90.50	89.22	87.83
22.5	92.43	92.04	91.48	90.94	90.26	89.47	88.50	87.58	86.63
45.0	92.35	91.92	91.27	90.56	89.87	89.01	87.97	87.03	86.07
67.5	92.22	91.66	90.76	89.97	89.16	88.04	87.15	86.36	85.38
90.0	92.72	91.77	91.01	90.20	89.21	88.26	87.21	86.20	84.89
112.5	92.52	91.74	90.86	90.03	88.89	87.84	86.82	85.77	84.31
135.0	92.74	91.84	91.73	89.93	88.99	87.93	86.96	85.52	84.46
157.5	92.36	91.28	90.35	89.40	88.39	86.98	85.90	84.76	83.62
180.0	94.23	93.18	92.25	91.22	90.17	89.63	87.65	86.56	85.38
202.5	85.80	84.80	83.92	82.60	81.76	80.76	79.72	78.26	77.21
225.0	86.60	85.69	84.72	83.72	82.48	81.45	80.40	78.96	77.80
247.5	87.81	86.89	85.92	84.92	83.76	82.70	81.65	80.54	79.24
270.0	90.63	89.74	88.52	87.54	86.53	85.68	84.28	83.23	82.17
292.5	92.29	91.34	90.27	89.28	88.26	86.98	85.90	84.77	83.55
315.0	94.19	93.31	92.10	91.09	90.00	88.92	87.70	86.54	85.33
337.5	96.49	95.92	95.18	94.31	92.95	90.99	90.62	89.41	87.91
360.0	97.27	96.62	95.67	94.64	93.11	91.80	90.50	89.22	87.83
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	86.57	85.32	84.05	82.50	81.23	79.95	78.47	77.40	76.42
22.5	85.58	84.47	83.49	83.15	81.48	80.12	79.16	78.12	77.17
45.0	85.03	83.72	82.71	81.71	80.48	79.50	78.57	77.63	76.62
67.5	84.10	83.07	81.99	80.94	79.69	78.74	77.79	76.91	76.05
90.0	83.79	82.76	81.60	80.21	79.23	78.21	77.40	76.20	75.46
112.5	83.49	82.90	81.29	79.83	78.72	77.67	76.71	75.66	74.97
135.0	83.35	82.25	80.86	79.79	78.67	77.69	76.62	75.79	75.05
157.5	82.25	81.07	80.01	79.00	77.83	76.85	75.93	75.14	74.04
180.0	83.97	82.74	81.53	80.34	79.03	78.02	76.98	75.97	75.02
202.5	76.16	75.05	73.89	72.96	72.01	70.98	70.13	69.34	68.37
225.0	76.88	75.79	74.38	73.38	72.40	71.50	70.49	69.78	69.03
247.5	78.08	76.95	75.83	74.55	73.63	72.73	71.81	71.09	70.44
270.0	80.90	79.82	78.70	77.50	76.08	75.11	74.35	73.54	72.60
292.5	81.92	80.64	79.47	78.19	77.14	76.18	75.27	74.45	74.02
315.0	84.11	82.45	81.22	80.24	78.74	77.63	76.61	75.74	75.07
337.5	86.69	85.45	84.05	82.80	81.56	80.29	78.72	77.67	76.68
360.0	86.57	85.32	84.05	82.50	81.23	79.95	78.47	77.40	76.42

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Intensity data(cd)										Page: 19 Total:24	
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	75.97	75.70	75.53	75.57	75.59	75.63	75.76	76.09	76.78		
22.5	76.10	75.37	74.71	74.30	74.04	73.99	73.93	73.90	73.99		
45.0	75.86	75.27	74.85	74.49	74.32	74.23	74.03	73.77	73.67		
67.5	75.37	74.92	74.51	74.07	73.71	73.20	72.71	72.06	71.77		
90.0	74.82	74.29	73.73	73.15	72.29	71.42	70.46	70.04	69.74		
112.5	74.28	73.66	72.81	71.67	70.65	69.80	68.98	68.76	68.89		
135.0	74.33	73.25	71.86	70.83	69.78	69.05	69.11	69.38	69.88		
157.5	72.79	71.11	69.67	69.02	69.05	69.45	70.04	70.86	71.65		
180.0	73.79	72.49	70.43	68.89	68.52	68.73	69.18	69.90	70.68		
202.5	66.53	65.58	65.45	65.74	66.38	67.13	67.91	68.80	69.83		
225.0	67.65	66.79	65.74	65.36	65.68	66.24	66.93	67.74	68.69		
247.5	69.83	68.80	67.72	67.00	66.48	66.46	66.92	67.55	68.63		
270.0	72.14	71.77	71.44	71.04	70.27	69.88	69.77	69.74	70.03		
292.5	73.77	73.63	73.54	73.38	73.08	72.75	72.79	72.99	73.38		
315.0	74.76	74.74	74.84	74.98	74.97	74.85	74.69	74.74	75.01		
337.5	75.87	75.27	75.07	75.00	75.05	75.23	75.33	75.44	75.64		
360.0	75.97	75.70	75.53	75.57	75.59	75.63	75.76	76.09	76.78		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	77.27	77.89	78.62	79.59	80.35	81.12	81.85	82.70	83.48		
22.5	74.22	74.48	74.95	75.66	76.26	76.87	77.50	78.25	78.88		
45.0	73.70	73.83	74.28	74.79	75.38	76.03	76.82	77.44	78.03		
67.5	71.61	71.74	72.24	72.81	73.38	74.02	74.82	75.47	76.10		
90.0	69.72	70.17	70.69	71.27	71.91	72.66	73.35	74.03	74.75		
112.5	69.21	69.75	69.94	71.02	71.65	72.45	73.11	73.77	74.48		
135.0	70.66	71.27	71.93	72.65	73.38	74.12	74.85	75.59	76.56		
157.5	72.43	73.22	74.29	75.14	75.92	76.72	77.83	78.72	79.60		
180.0	71.45	72.33	73.45	74.38	75.17	76.06	77.26	78.13	79.03		
202.5	70.75	71.68	72.92	73.84	74.79	75.69	76.78	77.69	78.58		
225.0	69.57	70.49	71.61	72.56	73.48	74.40	75.63	76.58	77.50		
247.5	69.47	70.37	71.35	72.45	73.38	74.45	75.43	76.69	77.49		
270.0	70.57	71.55	72.40	73.27	74.15	75.27	76.15	77.08	78.13		
292.5	74.04	74.72	75.51	76.32	77.50	78.32	79.26	80.16	80.91		
315.0	75.47	76.22	77.08	77.93	78.87	79.96	80.91	81.89	82.76		
337.5	75.96	76.56	77.21	78.12	78.97	79.86	80.90	81.75	82.64		
360.0	77.27	77.89	78.62	79.59	80.35	81.12	81.85	82.70	83.48		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	84.18	85.18	85.85	86.52	87.08	87.81	88.42	89.04	89.52		
22.5	79.49	80.09	80.80	81.37	81.89	82.58	83.10	83.62	84.15		
45.0	78.34	79.53	80.14	80.76	81.35	81.94	82.47	83.04	83.55		
67.5	76.59	77.67	78.26	78.87	79.86	80.48	81.09	81.66	82.41		
90.0	75.23	76.25	76.87	77.50	78.34	78.93	79.50	80.14	80.70		
112.5	75.38	76.03	76.72	77.52	78.22	78.90	79.55	80.34	80.88		
135.0	77.36	78.15	78.90	79.80	80.58	81.33	82.04	82.70	83.26		
157.5	80.47	81.40	82.21	82.93	83.64	84.59	85.18	85.81	86.30		
180.0	79.98	81.03	81.86	82.66	83.42	84.31	85.00	85.56	86.16		
202.5	79.44	80.31	81.06	81.79	82.60	83.22	83.89	84.41	85.12		
225.0	78.39	79.37	80.18	80.96	81.79	82.40	83.09	83.68	84.37		
247.5	78.47	79.76	80.65	81.49	82.31	83.15	83.92	84.64	85.35		
270.0	78.98	79.88	80.77	81.88	82.67	83.38	84.24	84.92	85.55		
292.5	81.73	82.50	83.25	84.11	84.86	85.54	86.53	87.16	87.75		
315.0	84.44	84.69	85.46	86.37	87.06	87.81	88.53	89.19	89.80		
337.5	83.43	84.46	85.20	85.97	86.63	87.34	87.98	88.68	89.34		
360.0	84.18	85.18	85.85	86.52	87.08	87.81	88.42	89.04	89.52		

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Intensity data(cd)									Page: 20 Total:24
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	90.04	90.46	90.81	91.12	91.54	91.68	91.83	91.93	91.97
22.5	84.67	85.13	85.54	85.92	86.28	86.62	86.80	87.03	87.25
45.0	84.18	84.63	85.03	85.35	85.81	86.10	86.27	86.37	86.59
67.5	82.92	83.32	83.69	84.20	84.47	84.80	85.08	85.22	85.36
90.0	81.14	81.58	82.12	82.48	82.83	82.96	83.19	83.38	83.48
112.5	81.43	81.96	82.57	82.93	83.16	83.36	83.56	83.68	83.72
135.0	83.76	84.43	84.83	85.16	85.38	85.71	85.80	85.88	85.81
157.5	86.85	87.32	87.70	87.97	88.08	88.16	88.19	88.08	88.04
180.0	86.89	87.34	87.71	88.00	88.30	88.40	88.44	88.50	88.37
202.5	85.58	85.97	86.34	86.50	86.60	86.63	86.56	86.39	86.17
225.0	84.82	85.12	85.35	85.55	85.71	85.78	85.77	85.72	85.56
247.5	86.03	86.49	86.90	87.21	87.45	87.55	87.60	87.51	87.41
270.0	86.13	86.72	87.19	87.58	87.91	88.27	88.47	88.65	88.72
292.5	88.26	88.70	89.08	89.44	89.73	89.99	90.10	90.20	90.20
315.0	90.32	90.79	91.25	91.53	91.74	92.00	92.10	92.13	92.13
337.5	90.01	90.55	91.02	91.54	91.87	92.10	92.32	92.59	92.72
360.0	90.04	90.46	90.81	91.12	91.54	91.68	91.83	91.93	91.97
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	91.93	91.86	91.77	91.70	91.43	91.08	90.99	90.76	90.40
22.5	87.25	87.31	87.32	87.24	87.22	87.13	86.98	86.83	86.62
45.0	86.66	86.69	86.79	86.73	86.73	86.64	86.47	86.33	86.08
67.5	85.49	85.52	85.52	85.48	85.38	85.18	85.00	84.76	84.47
90.0	83.36	83.28	83.22	83.06	82.87	82.63	82.32	81.98	81.58
112.5	83.74	83.71	83.55	83.38	83.12	82.77	82.37	82.02	81.49
135.0	85.69	85.56	85.35	85.05	84.64	84.25	83.97	83.29	82.70
157.5	87.88	87.64	87.22	86.82	86.39	85.90	85.22	84.61	84.02
180.0	88.19	87.93	87.52	87.19	86.77	86.34	85.77	85.26	84.67
202.5	85.78	85.29	84.89	84.38	83.62	83.04	82.48	81.79	80.84
225.0	85.31	84.95	84.64	84.27	83.85	83.12	82.64	82.08	81.35
247.5	87.24	87.06	86.80	86.47	85.98	85.54	85.09	84.51	83.91
270.0	88.70	88.65	88.46	88.21	87.94	87.45	87.18	86.69	86.24
292.5	90.20	90.09	89.97	89.76	89.32	89.04	88.70	88.26	87.80
315.0	92.03	91.96	91.79	91.57	91.17	90.89	90.81	90.35	89.97
337.5	92.82	92.85	92.82	92.74	92.64	92.22	92.04	91.93	91.68
360.0	91.93	91.86	91.77	91.70	91.43	91.08	90.99	90.76	90.40
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	89.91	89.47	89.05	88.36	87.78	87.08	86.27	85.28	84.28
22.5	86.33	85.98	85.67	85.31	84.93	84.28	83.75	83.16	82.48
45.0	85.77	85.44	85.03	84.64	84.08	83.58	82.93	82.24	81.32
67.5	84.05	83.68	83.26	82.83	82.12	81.49	80.83	80.21	79.14
90.0	81.03	80.60	80.09	79.40	78.80	78.19	77.46	76.56	75.64
112.5	81.00	80.45	79.89	79.16	78.47	77.70	76.84	75.70	74.72
135.0	82.08	81.43	80.57	79.80	78.94	78.06	76.82	76.02	74.97
157.5	83.29	82.35	81.48	80.55	79.65	78.25	77.16	76.10	74.97
180.0	84.02	83.23	82.45	81.62	80.41	79.39	78.31	77.24	75.79
202.5	79.96	79.07	78.12	76.78	75.69	74.55	73.21	72.01	70.83
225.0	80.63	79.85	78.98	77.82	76.82	75.87	74.39	73.22	72.01
247.5	83.12	82.35	81.62	80.68	79.49	78.84	77.77	76.31	75.07
270.0	85.69	85.03	84.43	83.74	83.02	82.11	81.20	80.22	79.19
292.5	87.28	86.50	85.90	85.19	84.25	83.40	82.47	81.45	80.19
315.0	89.52	89.05	88.33	87.77	87.09	86.07	85.18	84.43	83.39
337.5	91.25	90.84	90.40	89.86	89.32	88.69	87.97	87.00	86.13
360.0	89.91	89.47	89.05	88.36	87.78	87.08	86.27	85.28	84.28

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Intensity data(cd)

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C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	83.19	81.58	80.22	78.83	77.30	75.47	74.00	72.59	71.27
22.5	81.56	80.71	79.93	78.39	77.26	76.18	74.89	73.14	71.78
45.0	80.44	79.57	78.57	77.07	75.90	74.62	73.32	71.86	70.60
67.5	78.22	77.26	75.93	74.82	73.63	72.46	70.89	69.70	68.75
90.0	74.69	73.60	72.26	71.11	69.96	68.80	67.32	66.21	65.13
112.5	73.57	72.06	70.89	69.78	68.67	67.36	66.25	65.13	64.05
135.0	73.86	72.37	71.28	70.23	69.13	67.85	66.77	65.66	64.48
157.5	73.61	72.46	71.41	70.20	69.12	68.05	66.97	65.55	65.06
180.0	74.59	73.40	72.27	71.02	69.90	68.86	67.77	66.31	65.25
202.5	69.68	68.36	67.26	66.20	64.77	63.69	62.73	61.55	59.40
225.0	70.86	69.54	68.41	67.31	66.20	64.73	63.84	62.73	61.26
247.5	73.80	72.29	71.08	69.90	68.70	67.41	66.27	65.23	63.59
270.0	77.66	76.62	75.36	73.60	72.26	70.99	69.51	68.24	67.10
292.5	78.97	77.73	76.36	74.42	72.95	71.57	69.96	68.73	67.41
315.0	81.89	80.67	79.27	77.56	76.06	74.62	73.20	71.40	70.36
337.5	85.12	83.64	82.43	81.13	79.69	77.93	76.42	75.00	73.35
360.0	83.19	81.58	80.22	78.83	77.30	75.47	74.00	72.59	71.27

C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	69.54	68.18	66.84	65.09	63.76	62.55	61.33	59.98	58.90
22.5	70.53	69.15	67.67	66.31	65.00	63.29	62.18	60.96	59.76
45.0	70.24	68.16	66.63	65.36	64.15	62.76	61.56	60.38	59.30
67.5	67.62	66.00	64.77	63.60	62.37	60.96	59.88	58.80	57.63
90.0	63.79	62.60	61.44	60.31	58.97	57.96	56.94	55.97	54.73
112.5	62.71	61.56	60.48	59.44	58.08	57.08	56.15	55.17	54.33
135.0	64.20	62.25	61.19	59.79	58.80	57.84	56.92	55.93	55.14
157.5	63.36	62.44	61.06	60.06	59.16	58.09	57.27	56.46	55.64
180.0	64.31	63.26	61.80	60.77	59.79	58.74	57.84	56.98	56.22
202.5	58.69	58.22	57.05	56.17	55.32	54.50	53.47	52.68	51.87
225.0	60.19	59.13	58.15	57.04	56.12	55.25	54.19	53.50	52.66
247.5	62.45	61.34	60.24	58.97	57.90	56.92	56.02	55.02	54.16
270.0	65.81	64.15	63.16	61.98	60.81	59.33	58.25	57.21	56.10
292.5	66.01	64.56	63.24	61.99	60.41	59.26	57.96	57.30	55.97
315.0	67.09	66.82	65.48	64.15	62.70	61.46	60.25	59.11	57.66
337.5	72.04	70.55	69.13	67.31	65.95	64.66	63.19	61.99	60.80
360.0	69.54	68.18	66.84	65.09	63.76	62.55	61.33	59.98	58.90

C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	57.84	56.69	55.76	54.78	53.80	52.52	51.54	50.53	49.39
22.5	58.28	57.18	56.17	55.17	54.06	53.11	52.11	51.16	49.98
45.0	57.95	56.94	55.97	55.04	53.78	52.85	51.88	50.93	49.85
67.5	56.61	55.67	54.78	53.57	52.69	51.77	50.83	49.78	48.83
90.0	53.91	53.11	52.19	51.36	50.50	49.65	48.59	47.72	46.86
112.5	53.52	52.69	51.71	50.88	50.03	49.19	48.02	47.16	46.47
135.0	54.37	53.54	52.62	51.83	50.99	49.85	49.02	48.56	47.30
157.5	54.59	53.78	53.08	52.20	51.11	50.23	49.33	48.46	47.49
180.0	55.12	54.43	53.63	52.82	51.68	50.86	50.00	49.13	48.11
202.5	50.92	50.11	49.28	48.46	47.46	46.61	45.73	44.64	43.78
225.0	51.54	50.72	49.88	49.02	48.04	47.19	46.31	45.46	44.47
247.5	53.25	52.08	51.19	50.39	49.18	48.27	47.35	46.44	45.42
270.0	55.15	54.22	53.28	52.20	51.26	50.36	49.09	48.11	47.22
292.5	55.02	54.06	53.01	52.07	51.12	50.17	48.90	48.10	47.13
315.0	56.64	55.64	54.50	53.51	52.56	51.61	50.43	49.51	48.57
337.5	59.66	58.41	57.34	56.35	55.34	54.04	53.05	52.04	50.95
360.0	57.84	56.69	55.76	54.78	53.80	52.52	51.54	50.53	49.39

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Intensity data(cd)										Page: 22 Total:24	
C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0		
0.0	48.40	47.38	46.28	45.01	44.05	42.94	41.46	40.35	39.27		
22.5	49.02	48.10	47.12	45.82	44.81	43.79	42.75	41.53	40.46		
45.0	48.93	47.98	47.03	45.89	44.88	43.83	42.45	41.40	40.36		
67.5	47.89	46.97	45.72	44.94	43.93	42.93	41.60	40.62	39.64		
90.0	46.01	44.80	43.92	43.01	42.08	41.03	40.10	39.20	38.30		
112.5	45.60	44.41	43.53	42.65	41.77	40.74	39.84	38.97	38.09		
135.0	46.27	45.39	44.52	43.65	42.61	41.72	40.85	39.96	38.81		
157.5	46.58	45.68	44.51	43.72	42.84	41.95	40.77	39.86	38.98		
180.0	47.29	46.37	45.48	44.45	43.56	42.68	41.50	40.62	39.74		
202.5	42.96	42.11	41.14	40.29	39.36	38.49	37.64	36.78	35.94		
225.0	43.60	42.74	41.56	40.64	39.74	38.95	37.99	37.09	36.26		
247.5	44.55	43.66	42.74	41.47	40.68	39.89	38.72	37.81	36.91		
270.0	46.27	45.22	44.28	43.34	42.13	41.28	40.38	39.40	38.15		
292.5	45.86	44.90	43.92	42.67	41.83	40.82	39.82	38.51	37.63		
315.0	47.56	46.28	45.26	44.12	43.03	41.99	40.97	39.76	38.71		
337.5	49.92	49.02	47.79	46.73	45.58	44.61	43.17	42.08	40.97		
360.0	48.40	47.38	46.28	45.01	44.05	42.94	41.46	40.35	39.27		
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0		
0.0	38.17	36.92	35.87	34.85	33.70	32.76	31.80	30.84	29.59		
22.5	39.40	38.33	37.09	36.04	35.04	34.04	32.76	31.82	30.90		
45.0	39.51	38.45	37.05	35.97	34.95	33.78	32.82	31.90	30.96		
67.5	38.64	37.48	36.50	35.50	34.53	33.42	32.50	31.59	30.40		
90.0	37.21	36.33	35.40	34.49	33.29	32.59	31.71	30.86	29.71		
112.5	37.07	36.16	35.28	34.39	33.21	32.33	31.44	30.43	29.58		
135.0	37.94	37.24	36.35	35.16	34.30	33.42	32.41	31.55	30.69		
157.5	38.39	37.07	36.16	35.25	34.36	33.29	32.40	31.52	30.66		
180.0	38.88	38.03	37.05	36.19	35.32	34.30	33.42	32.57	31.72		
202.5	34.82	33.97	33.11	32.13	31.26	30.38	29.56	28.58	27.73		
225.0	35.24	34.37	33.52	32.67	31.55	30.69	29.87	29.02	28.08		
247.5	35.90	35.02	34.16	33.28	32.13	31.38	30.48	29.64	28.48		
270.0	37.21	36.29	35.24	34.29	33.38	32.49	31.45	30.57	29.71		
292.5	36.65	35.67	34.39	33.45	32.52	31.52	30.66	29.78	28.92		
315.0	37.67	36.66	35.31	34.36	33.41	32.64	31.46	30.56	29.65		
337.5	39.82	38.52	37.43	36.30	35.09	34.07	33.08	32.11	30.82		
360.0	38.17	36.92	35.87	34.85	33.70	32.76	31.80	30.84	29.59		
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0		
0.0	28.66	27.88	26.96	25.73	24.81	23.88	22.78	21.84	20.89		
22.5	30.14	28.87	27.95	27.03	25.95	25.03	24.12	23.18	21.96		
45.0	29.74	29.02	28.09	27.19	25.95	24.98	24.08	23.00	22.10		
67.5	29.51	28.61	27.73	26.68	25.76	24.87	23.95	22.92	22.03		
90.0	28.87	28.02	27.20	26.19	25.32	24.47	23.57	22.59	21.72		
112.5	28.73	27.89	26.90	26.05	25.23	24.39	23.30	22.46	21.64		
135.0	29.87	28.74	28.05	27.24	26.41	25.27	24.44	23.59	22.72		
157.5	29.51	28.67	27.84	27.00	26.01	25.19	24.35	23.52	22.55		
180.0	30.59	29.74	28.86	28.45	27.04	26.21	25.36	24.39	23.56		
202.5	26.93	26.11	25.06	24.29	23.64	22.61	21.82	20.89	20.23		
225.0	27.26	26.42	25.44	24.64	23.83	23.01	21.92	21.10	20.26		
247.5	27.60	26.76	25.89	24.91	24.05	23.20	22.18	21.33	20.46		
270.0	28.86	27.71	26.83	25.95	24.93	24.05	23.17	22.28	21.27		
292.5	27.88	27.03	26.15	25.00	24.13	23.26	22.39	21.38	20.51		
315.0	28.73	27.69	26.76	25.83	24.93	23.73	22.82	21.92	20.81		
337.5	29.87	28.92	28.15	26.93	26.02	25.07	23.98	23.01	22.06		
360.0	28.66	27.88	26.96	25.73	24.81	23.88	22.78	21.84	20.89		

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Intensity data(cd)										Page: 23 Total:24	
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0		
0.0	19.09	18.60	17.77	16.79	15.83	14.57	13.67	12.79	11.92		
22.5	21.23	20.33	19.40	18.22	17.29	16.37	15.47	14.47	13.59		
45.0	21.17	20.25	19.17	18.22	17.29	16.36	15.15	14.26	13.39		
67.5	21.15	20.26	19.08	18.16	17.24	16.33	15.26	14.83	13.52		
90.0	20.87	19.71	18.85	18.00	17.15	16.14	15.31	14.47	13.64		
112.5	21.10	19.87	19.07	18.24	17.47	16.55	15.77	14.98	14.18		
135.0	21.76	20.91	20.07	19.22	18.26	17.42	16.57	15.72	14.59		
157.5	21.72	20.89	20.06	18.95	18.12	17.28	16.27	15.44	14.60		
180.0	22.72	21.93	20.84	20.03	19.24	18.59	17.47	16.60	15.74		
202.5	19.32	18.53	17.78	17.01	16.00	15.38	14.62	13.87	12.86		
225.0	19.44	18.48	17.68	16.86	15.91	15.09	14.30	13.49	12.46		
247.5	19.61	18.50	17.67	16.85	16.01	15.06	14.23	13.39	12.59		
270.0	20.39	18.79	18.65	17.51	16.68	15.84	14.86	14.04	13.25		
292.5	19.15	18.73	17.70	16.80	15.91	15.03	13.92	13.12	12.31		
315.0	19.86	18.89	17.93	16.82	15.88	14.96	14.04	12.90	12.08		
337.5	21.11	19.80	18.81	17.83	16.66	15.70	14.77	13.87	12.89		
360.0	19.09	18.60	17.77	16.79	15.83	14.57	13.67	12.79	11.92		
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0		
0.0	10.97	10.21	9.48	8.68	8.05	7.47	6.96	6.42	6.13		
22.5	12.76	11.95	10.90	10.15	9.43	8.63	7.98	7.37	6.83		
45.0	12.54	11.61	10.83	10.08	9.37	8.61	8.01	7.44	6.96		
67.5	12.69	11.71	10.93	10.17	9.22	8.60	8.09	7.55	6.91		
90.0	12.67	11.88	11.12	10.40	9.48	8.83	8.24	7.69	7.14		
112.5	13.13	12.36	11.74	10.79	10.09	9.45	8.83	8.16	7.65		
135.0	13.77	12.95	12.05	11.33	10.64	9.99	9.29	8.71	8.16		
157.5	13.78	12.83	12.04	11.28	10.54	9.59	9.01	8.40	7.79		
180.0	14.89	13.92	13.12	12.36	11.61	10.67	10.12	9.49	8.90		
202.5	12.14	11.42	10.64	9.96	9.29	8.64	7.95	7.43	6.98		
225.0	11.72	11.02	10.47	9.63	9.07	8.52	8.02	7.49	7.10		
247.5	11.68	10.94	10.24	9.37	8.78	8.24	7.75	7.26	6.88		
270.0	12.48	11.62	10.89	10.18	9.49	8.65	8.11	7.68	7.23		
292.5	11.42	10.67	9.98	9.29	8.54	7.96	7.46	7.01	6.51		
315.0	11.30	10.67	9.72	9.06	8.42	7.78	7.27	6.83	6.45		
337.5	12.04	11.25	10.48	9.50	8.84	8.22	7.66	7.08	6.67		
360.0	10.97	10.21	9.48	8.68	8.05	7.47	6.96	6.42	6.13		
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0		
0.0	5.89	5.70	5.53	5.43	5.33	5.23	5.07	4.88	4.71		
22.5	6.31	5.98	5.70	5.49	5.27	5.14	5.03	4.90	4.71		
45.0	6.38	6.03	5.75	5.56	5.33	5.18	5.07	4.97	4.87		
67.5	6.52	6.16	5.88	5.60	5.41	5.28	5.16	5.05	4.95		
90.0	6.74	6.38	6.06	5.93	5.56	5.39	5.23	5.07	4.95		
112.5	7.20	6.81	6.36	6.12	5.83	5.60	5.36	5.17	5.03		
135.0	7.68	7.13	6.75	6.38	5.99	5.63	5.37	5.16	4.98		
157.5	7.03	6.54	6.13	5.79	5.40	5.07	4.81	4.62	4.42		
180.0	8.14	7.50	6.77	6.05	5.43	5.11	4.88	4.64	4.48		
202.5	6.64	6.21	5.92	5.67	5.43	5.08	4.84	4.68	4.58		
225.0	6.75	6.32	6.09	5.82	5.59	5.31	5.14	4.98	4.85		
247.5	6.55	6.25	5.93	5.72	5.50	5.27	5.13	5.00	4.91		
270.0	6.71	6.38	6.09	5.83	5.60	5.43	5.28	5.13	5.03		
292.5	6.19	5.95	5.73	5.54	5.40	5.28	5.17	5.05	4.98		
315.0	6.05	5.85	5.66	5.50	5.33	5.23	5.14	5.03	4.94		
337.5	6.32	6.03	5.83	5.67	5.54	5.39	5.24	5.07	4.90		
360.0	5.89	5.70	5.53	5.43	5.33	5.23	5.07	4.88	4.71		

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Intensity data(cd)										Page: 24 Total:24	
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0		
0.0	4.52	4.45	4.44	4.44	4.42	4.41	4.41	4.41	4.39		
22.5	4.55	4.39	4.25	4.16	4.13	4.13	4.12	4.08	4.06		
45.0	4.80	4.71	4.58	4.49	4.39	4.28	4.23	4.25	4.19		
67.5	4.87	4.78	4.68	4.59	4.51	4.45	4.39	4.33	4.26		
90.0	4.88	4.85	4.71	4.64	4.58	4.49	4.45	4.38	4.32		
112.5	4.88	4.77	4.68	4.62	4.55	4.48	4.42	4.35	4.29		
135.0	4.81	4.69	4.55	4.44	4.38	4.36	4.35	4.31	4.25		
157.5	4.33	4.28	4.26	4.25	4.23	4.22	4.22	4.22	4.20		
180.0	4.39	4.35	4.31	4.31	4.28	4.29	4.29	4.29	4.28		
202.5	4.46	4.41	4.36	4.31	4.26	4.23	4.19	4.16	4.13		
225.0	4.72	4.62	4.55	4.48	4.41	4.36	4.31	4.25	4.19		
247.5	4.77	4.67	4.56	4.49	4.42	4.36	4.31	4.23	4.18		
270.0	4.94	4.85	4.71	4.61	4.52	4.49	4.42	4.35	4.29		
292.5	4.90	4.82	4.72	4.67	4.56	4.46	4.39	4.33	4.29		
315.0	4.85	4.77	4.68	4.61	4.55	4.45	4.32	4.28	4.29		
337.5	4.72	4.59	4.54	4.49	4.44	4.39	4.35	4.35	4.33		
360.0	4.52	4.45	4.44	4.44	4.42	4.41	4.41	4.41	4.39		
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0		
0.0	4.38	4.36	4.35	4.35	4.33	4.33	4.33	4.32	4.32		
22.5	4.05	4.05	4.03	4.02	4.02	4.02	4.02	4.03	4.03		
45.0	4.15	4.10	4.08	4.06	4.05	4.03	4.05	4.05	4.05		
67.5	4.22	4.16	4.15	4.10	4.08	4.06	4.05	4.06	4.06		
90.0	4.26	4.22	4.16	4.15	4.10	4.09	4.09	4.09	4.09		
112.5	4.26	4.22	4.19	4.15	4.13	4.10	4.10	4.12	4.12		
135.0	4.22	4.20	4.19	4.16	4.16	4.15	4.15	4.15	4.16		
157.5	4.19	4.19	4.18	4.18	4.18	4.18	4.19	4.19	4.19		
180.0	4.28	4.28	4.26	4.26	4.26	4.25	4.26	4.26	4.28		
202.5	4.12	4.09	4.09	4.08	4.06	4.06	4.06	4.05	4.05		
225.0	4.15	4.13	4.10	4.10	4.09	4.09	4.08	4.08	4.08		
247.5	4.16	4.16	4.13	4.12	4.10	4.09	4.09	4.09	4.08		
270.0	4.26	4.20	4.18	4.16	4.16	4.13	4.13	4.10	4.12		
292.5	4.23	4.20	4.19	4.19	4.18	4.15	4.15	4.15	4.13		
315.0	4.29	4.25	4.23	4.22	4.20	4.20	4.18	4.19	4.19		
337.5	4.31	4.29	4.28	4.26	4.25	4.23	4.22	4.22	4.22		
360.0	4.38	4.36	4.35	4.35	4.33	4.33	4.33	4.32	4.32		
C/γ(°)	180.0										
0.0	0.00										
22.5	0.00										
45.0	0.00										
67.5	0.00										
90.0	0.00										
112.5	0.00										
135.0	0.00										
157.5	0.00										
180.0	0.00										
202.5	0.00										
225.0	0.00										
247.5	0.00										
270.0	0.00										
292.5	0.00										
315.0	0.00										
337.5	0.00										
360.0	0.00										