Shenzhen Anbotek Pengcheng Compliance Laboratory Ltd
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LumCAT:
Luminaire:
Report No:
Test No:
LampCAT:
Lamp flux(lm)
Number of Lamps: 0
Length(mm): 0
Phm Type: C

Voltage(V): 0.0000
Current(A): 0.0000
Power (W): 0.0000
PF: 1.0000
Ballast type:
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 116.54
Lumens(lm)/Power(W): 0.00
Central intensity(cd): 37.212
Maximum intensity(cd): 51.849
Angle of maximum intensity: C=0.0 γ=1.0
Beam Angle(50%Imax): [C0/180]Total=126.4
[C90/270]Total=122.8
Field angle(10%Imax): [C0/180]Total=155.0
[C90/270]Total=154.0
Maximum s/h(1/2): C0_180=1.67 C90_270=1.55
Maximum s/h(1/4): C0_180=1.69 C90_270=1.60
Up flux rate of LUM(%): 3.46%
Down flux rate of LUM(%): 96.54%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 80.082%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
0.0	37.212	.000	.000	.000%	.000%	.000%
1.0	39.570	.037	.037	.032%	.032%	.032%
2.0	39.537	.114	.150	.097%	.129%	.129%
3.0	39.460	.189	.339	.162%	.291%	.291%
4.0	39.394	.264	.603	.226%	.518%	.518%
5.0	39.339	.339	.942	.291%	.808%	.808%
6.0	39.284	.413	1.355	.355%	1.163%	1.163%
7.0	39.251	.487	1.843	.418%	1.581%	1.581%
8.0	39.163	.561	2.404	.482%	2.063%	2.063%
9.0	39.119	.634	3.038	.544%	2.607%	2.607%
10.0	38.964	.707	3.745	.606%	3.213%	3.213%
11.0	39.030	.779	4.524	.669%	3.882%	3.882%
12.0	38.942	.852	5.376	.731%	4.613%	4.613%
13.0	38.722	.922	6.298	.791%	5.404%	5.404%
14.0	38.611	.990	7.288	.849%	6.253%	6.253%
15.0	38.435	1.058	8.346	.908%	7.161%	7.161%
16.0	38.292	1.124	9.470	.965%	8.126%	8.126%
17.0	38.104	1.190	10.660	1.021%	9.147%	9.147%
18.0	37.950	1.254	11.914	1.076%	10.223%	10.223%
19.0	37.675	1.316	13.229	1.129%	11.351%	11.351%
20.0	37.487	1.376	14.605	1.180%	12.532%	12.532%
21.0	37.245	1.435	16.040	1.231%	13.763%	13.763%
22.0	37.013	1.492	17.532	1.280%	15.044%	15.044%
23.0	36.694	1.547	19.079	1.327%	16.371%	16.371%
24.0	36.451	1.599	20.678	1.372%	17.743%	17.743%
25.0	36.198	1.652	22.330	1.417%	19.160%	19.160%
26.0	35.878	1.701	24.031	1.460%	20.620%	20.620%
27.0	35.525	1.747	25.778	1.499%	22.119%	22.119%
28.0	35.217	1.791	27.569	1.537%	23.656%	23.656%
29.0	34.941	1.836	29.405	1.575%	25.231%	25.231%
30.0	34.599	1.878	31.282	1.611%	26.842%	26.842%
31.0	34.147	1.913	33.195	1.642%	28.483%	28.483%
32.0	33.850	1.948	35.143	1.672%	30.155%	30.155%
33.0	33.486	1.984	37.127	1.702%	31.857%	31.857%
34.0	33.155	2.017	39.144	1.730%	33.588%	33.588%
35.0	32.781	2.048	41.192	1.757%	35.345%	35.345%
36.0	32.428	2.076	43.268	1.782%	37.126%	37.126%
37.0	31.976	2.100	45.368	1.802%	38.928%	38.928%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
38.0	31.502	2.119	47.487	1.818%	40.747%	40.747%
39.0	31.105	2.137	49.624	1.834%	42.580%	42.580%
40.0	30.675	2.155	51.779	1.849%	44.429%	44.429%
41.0	30.256	2.170	53.949	1.862%	46.291%	46.291%
42.0	29.871	2.185	56.133	1.874%	48.165%	48.165%
43.0	29.408	2.196	58.329	1.884%	50.049%	50.049%
44.0	28.934	2.202	60.531	1.889%	51.939%	51.939%
45.0	28.504	2.207	62.738	1.894%	53.833%	53.833%
46.0	28.041	2.211	64.950	1.897%	55.730%	55.730%
47.0	27.534	2.210	67.160	1.897%	57.627%	57.627%
48.0	27.016	2.205	69.365	1.892%	59.519%	59.519%
49.0	26.454	2.196	71.561	1.884%	61.403%	61.403%
50.0	25.825	2.180	73.741	1.870%	63.273%	63.273%
51.0	25.164	2.157	75.898	1.851%	65.124%	65.124%
52.0	24.404	2.127	78.025	1.825%	66.950%	66.950%
53.0	23.610	2.089	80.114	1.792%	68.742%	68.742%
54.0	22.805	2.046	82.159	1.755%	70.497%	70.497%
55.0	21.968	1.999	84.158	1.715%	72.212%	72.212%
56.0	21.075	1.945	86.103	1.669%	73.881%	73.881%
57.0	20.193	1.887	87.990	1.619%	75.500%	75.500%
58.0	19.289	1.826	89.816	1.567%	77.066%	77.066%
59.0	18.826	1.782	91.598	1.529%	78.595%	78.595%
60.0	17.856	1.733	93.331	1.487%	80.082%	80.082%
61.0	16.952	1.661	94.992	1.425%	81.508%	81.508%
62.0	15.938	1.585	96.577	1.360%	82.868%	82.868%
63.0	14.968	1.503	98.080	1.290%	84.158%	84.158%
64.0	14.043	1.424	99.503	1.221%	85.379%	85.379%
65.0	13.117	1.344	100.847	1.153%	86.532%	86.532%
66.0	12.191	1.263	102.110	1.083%	87.616%	87.616%
67.0	11.265	1.179	103.289	1.012%	88.628%	88.628%
68.0	10.350	1.095	104.384	.940%	89.567%	89.567%
69.0	9.501	1.013	105.397	.869%	90.436%	90.436%
70.0	8.664	.933	106.330	.800%	91.237%	91.237%
71.0	7.848	.853	107.183	.732%	91.969%	91.969%
72.0	7.076	.776	107.959	.666%	92.635%	92.635%
73.0	6.349	.702	108.662	.602%	93.237%	93.237%
74.0	5.621	.629	109.291	.540%	93.777%	93.777%
75.0	4.850	.553	109.844	.475%	94.252%	94.252%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
76.0	4.067	.473	110.317	.406%	94.658%	94.658%
77.0	3.417	.399	110.716	.342%	95.000%	95.000%
78.0	2.877	.337	111.053	.289%	95.290%	95.290%
79.0	2.348	.281	111.334	.241%	95.530%	95.530%
80.0	1.764	.222	111.556	.190%	95.721%	95.721%
81.0	1.422	.172	111.728	.148%	95.868%	95.868%
82.0	1.157	.140	111.868	.120%	95.988%	95.988%
83.0	.981	.116	111.984	.100%	96.088%	96.088%
84.0	.805	.097	112.081	.083%	96.172%	96.172%
85.0	.727	.084	112.165	.072%	96.243%	96.243%
86.0	.650	.075	112.240	.065%	96.308%	96.308%
87.0	.628	.070	112.310	.060%	96.368%	96.368%
88.0	.617	.068	112.379	.059%	96.427%	96.427%
89.0	.617	.068	112.446	.058%	96.485%	96.485%
90.0	.650	.069	112.516	.060%	96.544%	96.544%
91.0	.617	.069	112.585	.060%	96.604%	96.604%
92.0	.705	.072	112.658	.062%	96.666%	96.666%
93.0	.739	.079	112.737	.068%	96.734%	96.734%
94.0	.639	.075	112.812	.065%	96.799%	96.799%
95.0	.606	.068	112.880	.058%	96.857%	96.857%
96.0	.573	.064	112.945	.055%	96.912%	96.912%
97.0	.595	.064	113.008	.055%	96.967%	96.967%
98.0	.595	.065	113.073	.056%	97.023%	97.023%
99.0	.606	.065	113.138	.056%	97.078%	97.078%
100.0	.606	.066	113.204	.056%	97.135%	97.135%
101.0	.628	.067	113.270	.057%	97.192%	97.192%
102.0	.606	.066	113.337	.057%	97.249%	97.249%
103.0	.628	.066	113.403	.057%	97.305%	97.305%
104.0	.595	.065	113.468	.056%	97.361%	97.361%
105.0	.628	.065	113.533	.056%	97.417%	97.417%
106.0	.595	.065	113.598	.055%	97.473%	97.473%
107.0	.595	.063	113.660	.054%	97.526%	97.526%
108.0	.606	.063	113.723	.054%	97.580%	97.580%
109.0	.584	.062	113.785	.053%	97.633%	97.633%
110.0	.617	.062	113.847	.053%	97.687%	97.687%
111.0	.617	.063	113.910	.054%	97.741%	97.741%
112.0	.606	.062	113.973	.054%	97.795%	97.795%
113.0	.628	.063	114.035	.054%	97.848%	97.848%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
114.0	.606	.062	114.097	.053%	97.901%	97.901%
115.0	.595	.060	114.157	.051%	97.953%	97.953%
116.0	.639	.061	114.218	.052%	98.005%	98.005%
117.0	.639	.063	114.281	.054%	98.059%	98.059%
118.0	.628	.062	114.343	.053%	98.112%	98.112%
119.0	.606	.059	114.402	.051%	98.163%	98.163%
120.0	.628	.059	114.461	.051%	98.214%	98.214%
121.0	.628	.059	114.521	.051%	98.265%	98.265%
122.0	.650	.060	114.580	.051%	98.316%	98.316%
123.0	.639	.060	114.640	.051%	98.367%	98.367%
124.0	.639	.058	114.698	.050%	98.417%	98.417%
125.0	.617	.057	114.755	.049%	98.466%	98.466%
126.0	.639	.056	114.811	.048%	98.514%	98.514%
127.0	.683	.058	114.870	.050%	98.564%	98.564%
128.0	.639	.058	114.927	.049%	98.613%	98.613%
129.0	.650	.055	114.982	.047%	98.661%	98.661%
130.0	.650	.055	115.038	.047%	98.708%	98.708%
131.0	.661	.055	115.092	.047%	98.755%	98.755%
132.0	.683	.055	115.147	.047%	98.802%	98.802%
133.0	.661	.054	115.202	.047%	98.849%	98.849%
134.0	.650	.052	115.254	.045%	98.894%	98.894%
135.0	.672	.052	115.306	.044%	98.938%	98.938%
136.0	.617	.050	115.355	.043%	98.981%	98.981%
137.0	.639	.047	115.403	.041%	99.021%	99.021%
138.0	.650	.048	115.450	.041%	99.062%	99.062%
139.0	.683	.048	115.499	.042%	99.104%	99.104%
140.0	.694	.049	115.548	.042%	99.146%	99.146%
141.0	.650	.047	115.595	.040%	99.186%	99.186%
142.0	.672	.045	115.640	.039%	99.225%	99.225%
143.0	.694	.046	115.686	.039%	99.264%	99.264%
144.0	.672	.045	115.730	.038%	99.303%	99.303%
145.0	.661	.042	115.773	.036%	99.339%	99.339%
146.0	.694	.042	115.815	.036%	99.375%	99.375%
147.0	.694	.042	115.857	.036%	99.411%	99.411%
148.0	.672	.040	115.897	.035%	99.446%	99.446%
149.0	.705	.039	115.937	.034%	99.480%	99.480%
150.0	.628	.037	115.974	.032%	99.511%	99.511%
151.0	.672	.035	116.009	.030%	99.542%	99.542%

Zonal flux distribution table

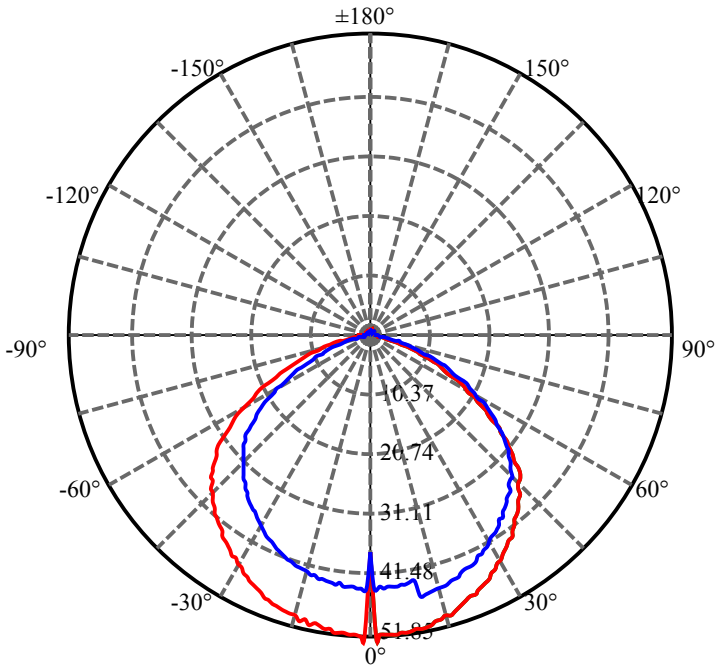
γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
152.0	.672	.035	116.044	.030%	99.572%	99.572%
153.0	.683	.034	116.078	.029%	99.601%	99.601%
154.0	.683	.033	116.112	.029%	99.630%	99.630%
155.0	.683	.032	116.144	.028%	99.658%	99.658%
156.0	.683	.031	116.175	.027%	99.684%	99.684%
157.0	.694	.030	116.205	.026%	99.710%	99.710%
158.0	.672	.029	116.234	.025%	99.735%	99.735%
159.0	.694	.027	116.261	.024%	99.758%	99.758%
160.0	.661	.026	116.287	.022%	99.781%	99.781%
161.0	.661	.024	116.312	.021%	99.801%	99.801%
162.0	.683	.023	116.335	.020%	99.821%	99.821%
163.0	.650	.022	116.357	.019%	99.840%	99.840%
164.0	.672	.021	116.378	.018%	99.858%	99.858%
165.0	.650	.019	116.397	.017%	99.875%	99.875%
166.0	.650	.018	116.415	.015%	99.890%	99.890%
167.0	.705	.017	116.432	.015%	99.905%	99.905%
168.0	.716	.017	116.449	.014%	99.919%	99.919%
169.0	.716	.016	116.465	.013%	99.933%	99.933%
170.0	.672	.014	116.479	.012%	99.945%	99.945%
171.0	.650	.012	116.491	.010%	99.955%	99.955%
172.0	.694	.011	116.501	.009%	99.964%	99.964%
173.0	.672	.010	116.511	.008%	99.973%	99.973%
174.0	.694	.008	116.520	.007%	99.980%	99.980%
175.0	.650	.007	116.527	.006%	99.986%	99.986%
176.0	.683	.006	116.533	.005%	99.991%	99.991%
177.0	.683	.005	116.537	.004%	99.995%	99.995%
178.0	.672	.003	116.540	.003%	99.998%	99.998%
179.0	.716	.002	116.542	.002%	99.999%	99.999%
180.0	.705	.001	116.543	.001%	100.000%	100.000%

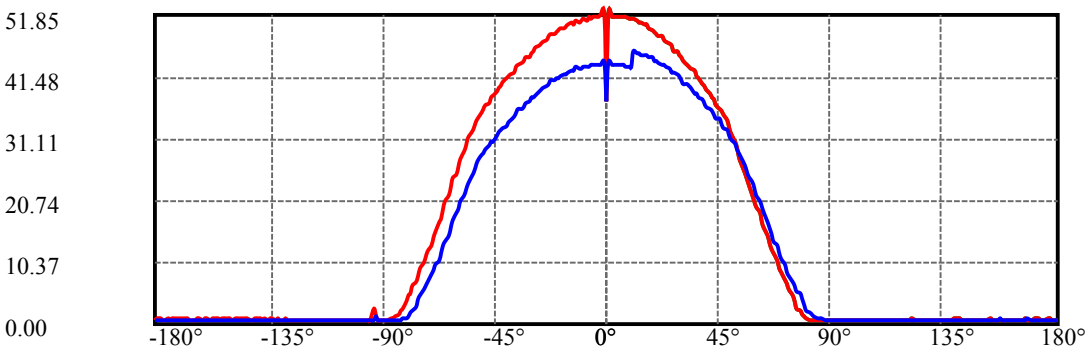
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	31.28	26.84%
0-40	51.78	44.43%
0-60	93.33	80.08%
0-90	112.52	96.54%
0-120	114.46	98.21%
0-180	116.54	100.00%
60-90	20.92	17.95%
90-120	2.01	1.73%
90-130	2.59	2.22%
90-150	3.53	3.03%
90-180	4.10	3.51%
0-59.94	93.23	80.00%

ZONAL LUMEN SUMMARY

0-10	3.74
10-20	10.86
20-30	16.68
30-40	20.50
40-50	21.96
50-60	19.59
60-70	13.00
70-80	5.23
80-90	0.96
90-100	0.69
100-110	0.64
110-120	0.61
120-130	0.58
130-140	0.51
140-150	0.43
150-160	0.31
160-170	0.19
170-180	0.06



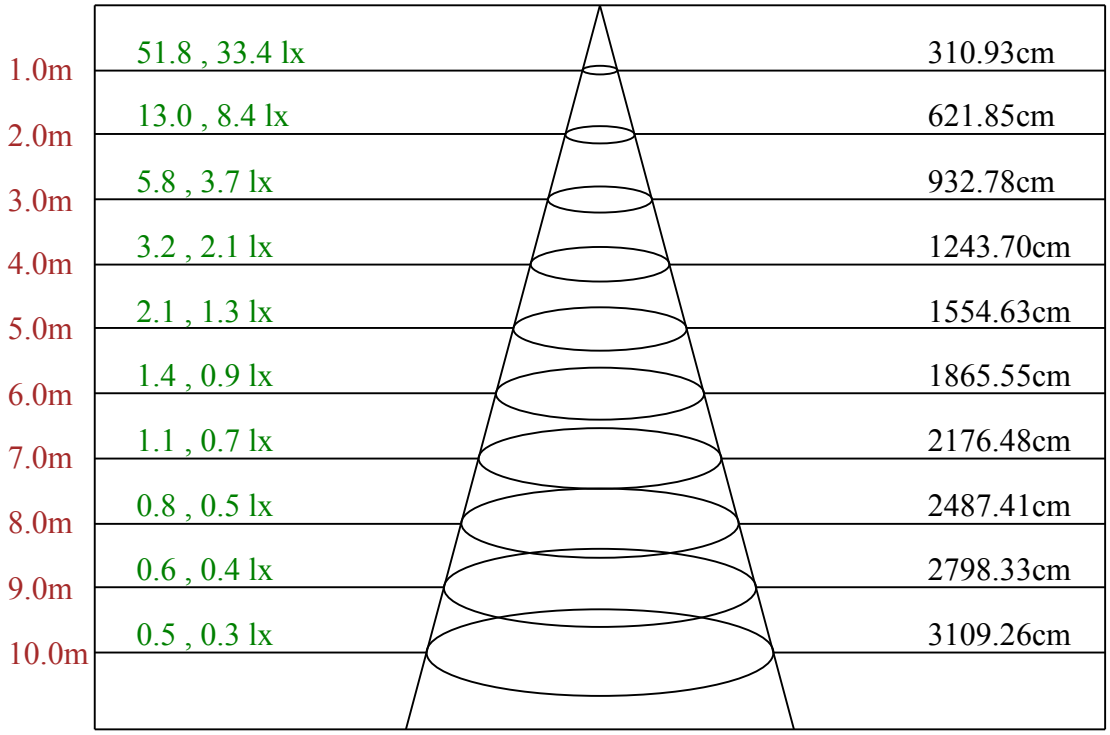


C0(Max):
C0/C180:
C90/C270:

Field angle(10%Imax):C0/180Left:80.0 Right:75.0
:C90/270Left:75.4 Right:78.6

Beam Angle(50%Imax):C0/180Left:65.5 Right:60.9
:C90/270Left:59.9 Right:62.9

Lux distance Curve



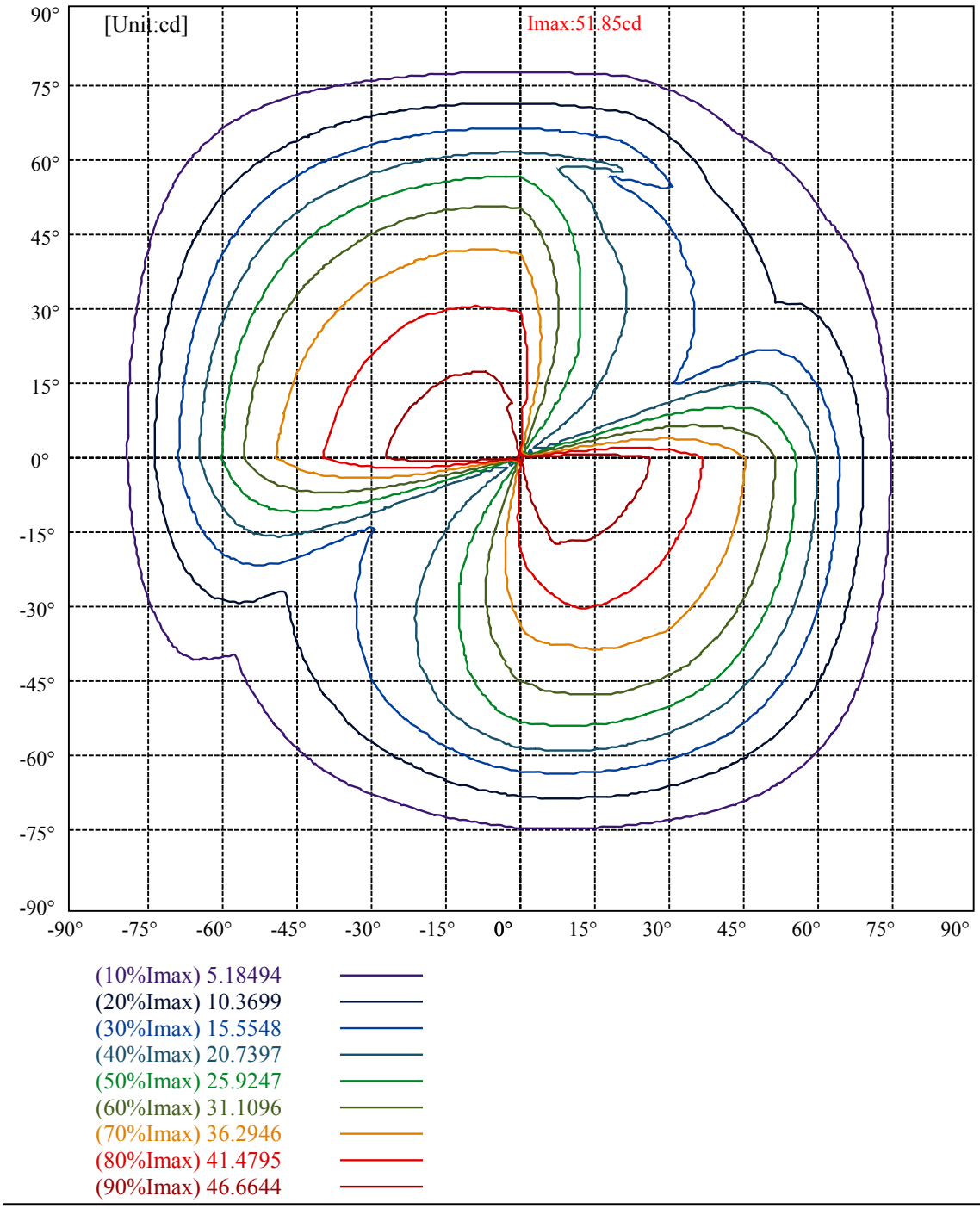
Max , Ave

Beam angle of C0plane114.21

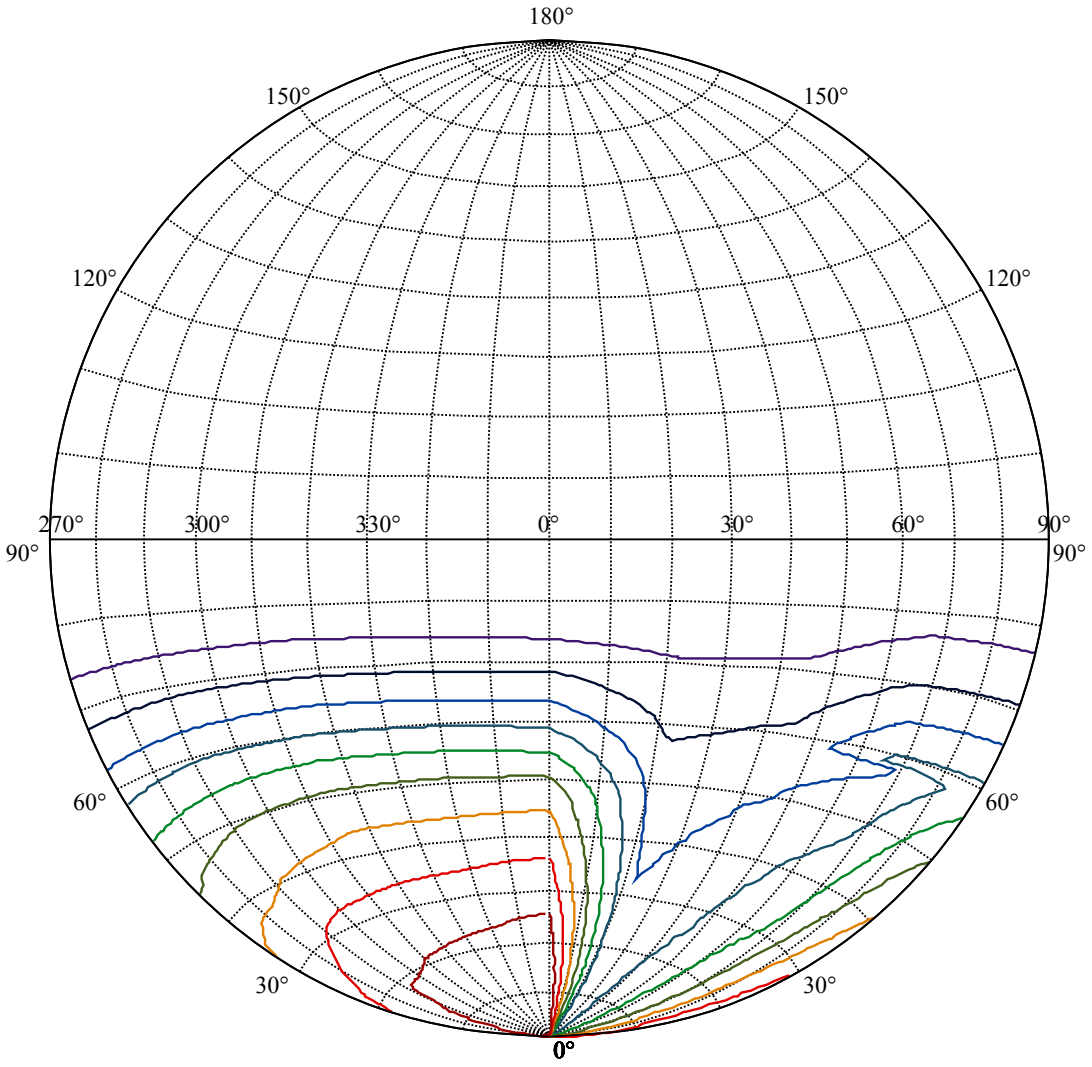
Equipment:
Temperature(°C): 25.1

Date: 2019-5-27
Humidity(%): 54.0%

Operator: Lenin
Distance(m): 13.28


[Unit:cd]
Imax:51.85cd
90°
75°
60°
45°
30°
15°
0°
-15°
-30°
-45°
-60°
-75°
-90°
-90° -75° -60° -45° -30° -15° 0° 15° 30° 45° 60° 75° 90°
(10%Imax) 5.18494
(20%Imax) 10.3699
(30%Imax) 15.5548
(40%Imax) 20.7397
(50%Imax) 25.9247
(60%Imax) 31.1096
(70%Imax) 36.2946
(80%Imax) 41.4795
(90%Imax) 46.6644

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:51.85

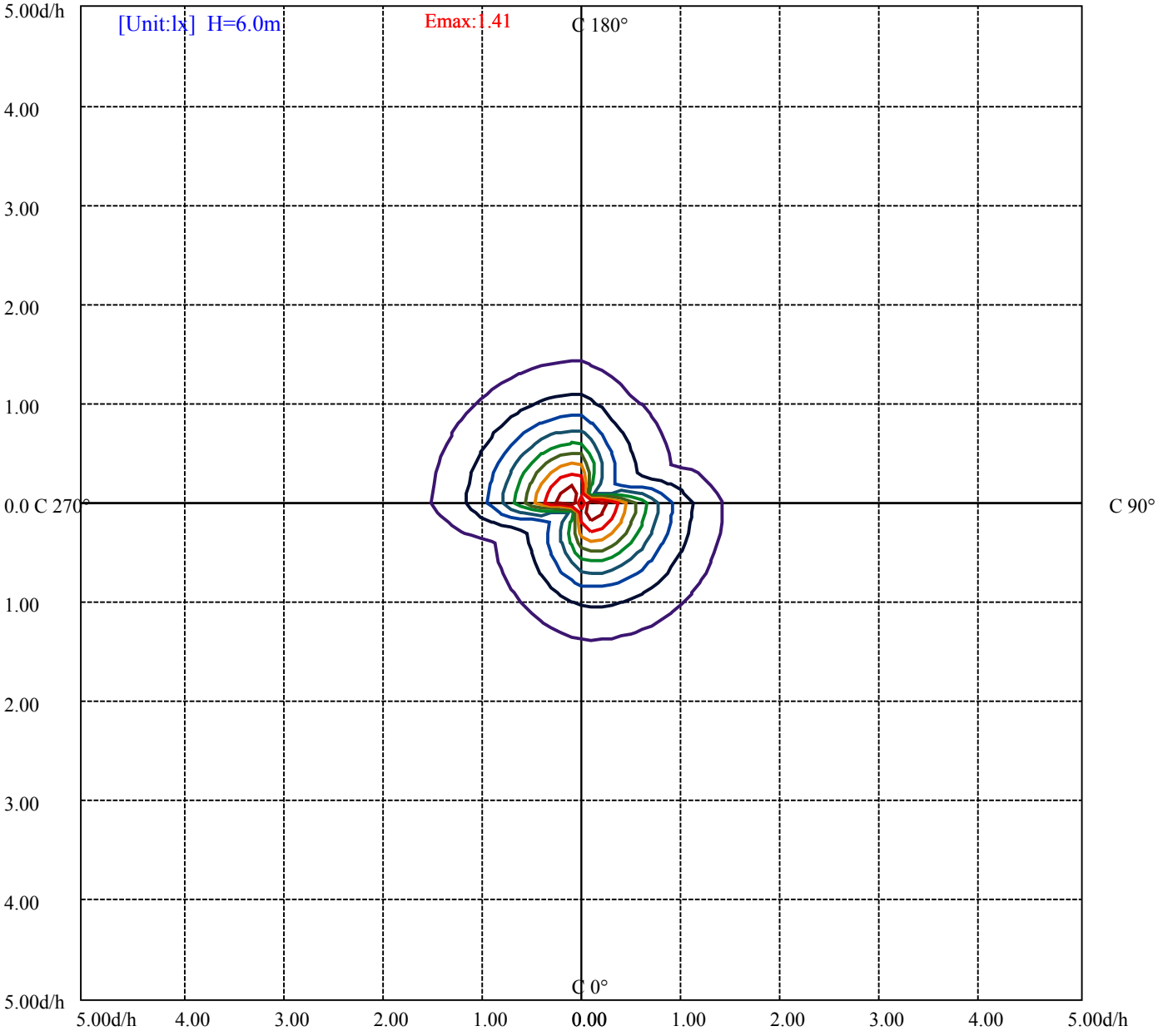
(10%Imax) 5.18494
(20%Imax) 10.3699
(30%Imax) 15.5548
(40%Imax) 20.7397
(50%Imax) 25.9247
(60%Imax) 31.1096
(70%Imax) 36.2946
(80%Imax) 41.4795
(90%Imax) 46.6644

Equipment:
Temperature(°C): 25.1

Date: 2019-5-27
Humidity(%): 54.0%

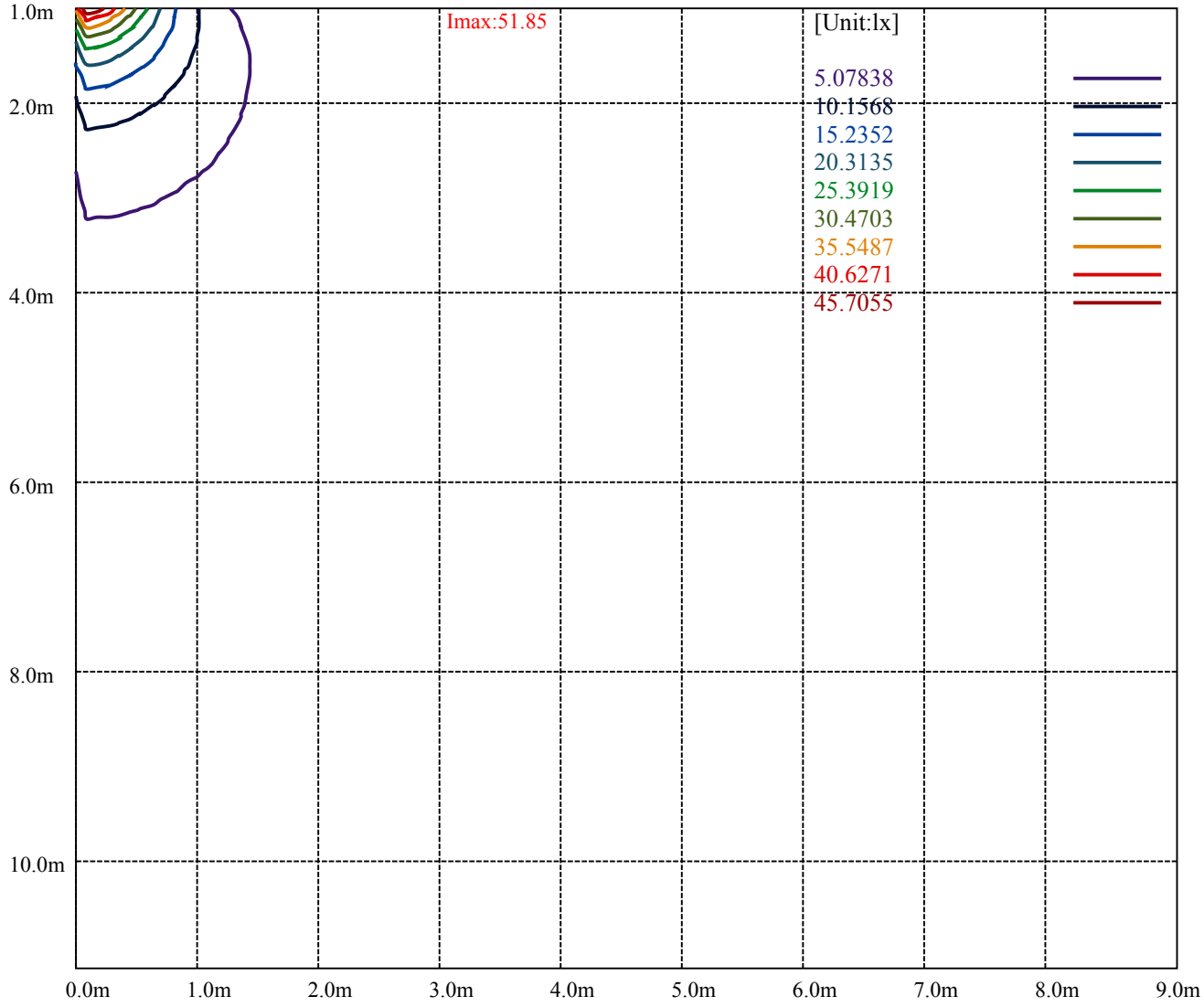
Operator: Lenin
Distance(m): 13.28

ISO illuminance diagram



(10%Emax) 0.1410617
(20%Emax) 0.2821222
(30%Emax) 0.4231861
(40%Emax) 0.5642473
(50%Emax) 0.7053083
(60%Emax) 0.8463694
(70%Emax) 0.9874333
(80%Emax) 1.128495
(90%Emax) 1.269556

Equipment:
Temperature(°C): 25.1
Date: 2019-5-27
Humidity(%): 54.0%
Operator: Lenin
Distance(m): 13.28


Imax:51.85
[Unit:lx]
5.07838
10.1568
15.2352
20.3135
25.3919
30.4703
35.5487
40.6271
45.7055
1.0m
2.0m
4.0m
6.0m
8.0m
10.0m
0.0m
1.0m
2.0m
3.0m
4.0m
5.0m
6.0m
7.0m
8.0m
9.0m

Luminance Limitting Curve(no luminous side)

Luminance Table

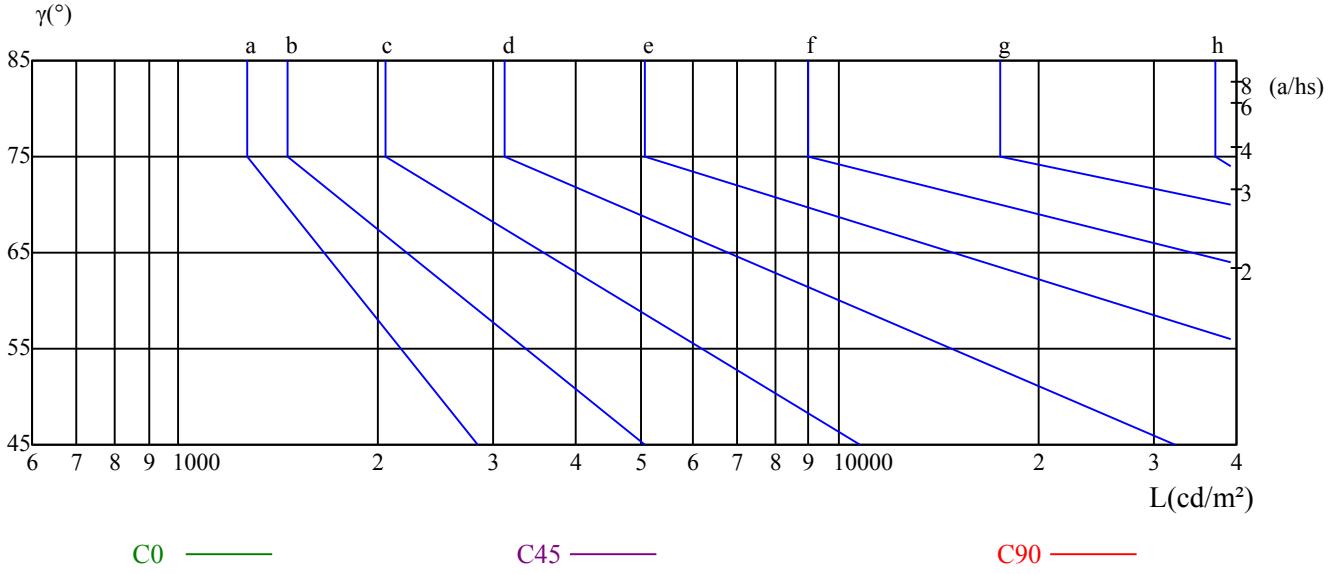
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

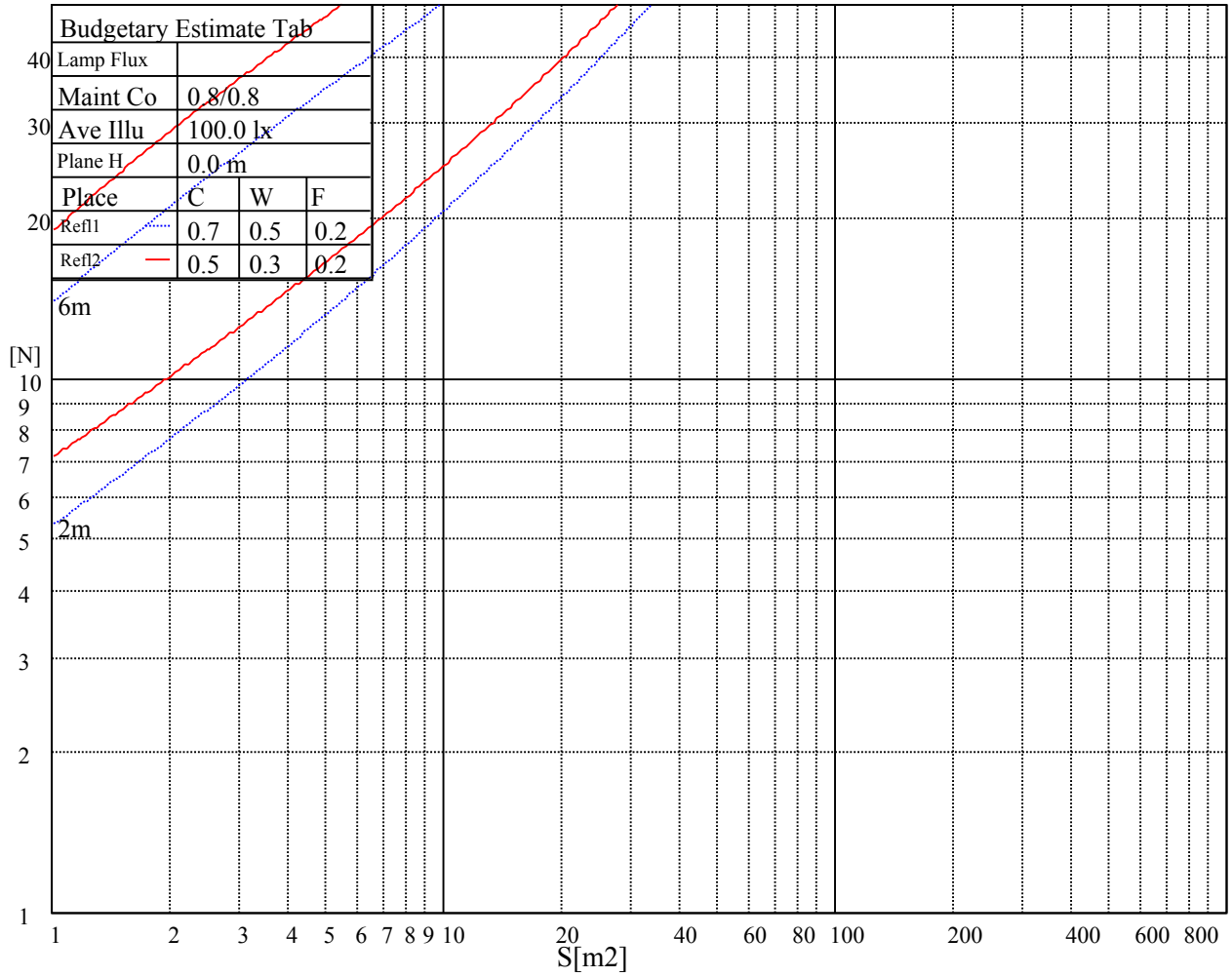
L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

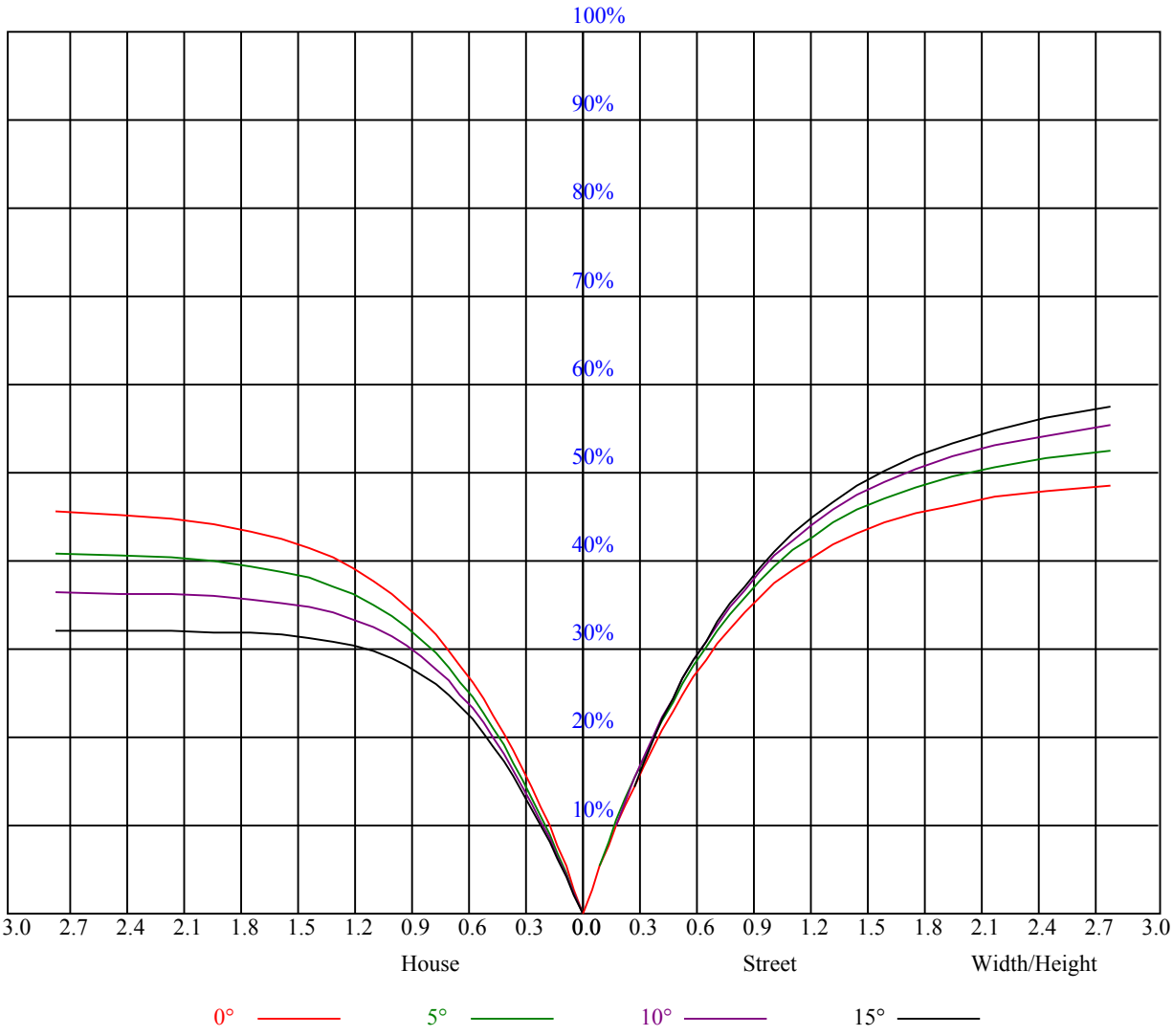
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limitting Curve




Budgetary Estimate Tab
Lamp Flux
Maint Co 0.8/0.8
Ave Illu 100.0 lx
Plane H 0.0 m
Place C W F
Refl1 0.7 0.5 0.2
Refl2 0.5 0.3 0.2
6m
2m
[N]
S[m2]

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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	0.99	0.99	0.99	0.97
1	1.04	1.00	0.97	1.02	0.98	0.95	0.97	0.94	0.91	0.92	0.90	0.88	0.88	0.86	0.85	0.82
2	0.91	0.85	0.79	0.89	0.83	0.78	0.85	0.80	0.76	0.81	0.77	0.74	0.78	0.74	0.72	0.69
3	0.80	0.72	0.66	0.79	0.71	0.65	0.75	0.69	0.64	0.72	0.67	0.62	0.69	0.65	0.61	0.59
4	0.71	0.63	0.56	0.70	0.62	0.56	0.67	0.60	0.54	0.64	0.58	0.53	0.61	0.56	0.52	0.50
5	0.64	0.55	0.48	0.62	0.54	0.48	0.60	0.53	0.47	0.57	0.51	0.46	0.55	0.50	0.45	0.43
6	0.57	0.48	0.42	0.56	0.48	0.42	0.54	0.47	0.41	0.52	0.45	0.40	0.50	0.44	0.40	0.38
7	0.52	0.43	0.37	0.51	0.43	0.37	0.49	0.42	0.36	0.47	0.41	0.36	0.46	0.40	0.35	0.33
8	0.47	0.39	0.33	0.46	0.38	0.33	0.45	0.37	0.32	0.43	0.37	0.32	0.42	0.36	0.32	0.30
9	0.43	0.35	0.30	0.42	0.35	0.29	0.41	0.34	0.29	0.40	0.33	0.29	0.38	0.33	0.28	0.27
10	0.40	0.32	0.27	0.39	0.32	0.27	0.38	0.31	0.26	0.37	0.30	0.26	0.36	0.30	0.26	0.24


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
3.0 2.7 2.4 2.1 1.8 1.5 1.2 0.9 0.6 0.3 0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0
House
Street
Width/Height
0°
5°
10°
15°

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	37.21	51.85	51.67	51.67	51.67	51.67	51.50	51.67	51.50
22.5	37.21	18.16	18.34	18.16	18.34	18.16	18.16	18.16	18.16
45.0	37.21	22.57	22.22	22.40	22.40	22.40	22.04	22.22	22.22
67.5	37.21	30.33	30.33	30.51	30.33	30.16	30.16	30.16	30.16
90.0	37.21	43.74	43.38	43.56	43.38	43.38	43.38	43.38	43.21
112.5	37.21	49.20	49.03	49.03	48.85	48.85	48.50	48.85	48.50
135.0	37.21	50.09	50.26	50.09	49.91	49.73	49.73	49.73	49.73
157.5	37.21	50.79	50.79	50.61	50.61	50.44	50.44	50.44	50.26
180.0	37.21	51.85	51.85	51.50	51.50	51.50	51.32	51.50	50.97
202.5	37.21	18.16	18.16	17.99	17.99	17.99	17.99	17.99	17.99
225.0	37.21	22.40	22.22	22.22	22.22	22.40	22.22	22.22	22.04
247.5	37.21	30.51	30.51	30.33	30.33	30.16	30.33	30.16	30.16
270.0	37.21	43.74	43.56	43.56	43.38	43.56	43.38	43.03	43.21
292.5	37.21	49.03	49.03	48.85	48.85	48.67	48.85	48.50	48.50
315.0	37.21	50.09	50.26	50.09	49.91	49.73	49.91	49.56	49.56
337.5	37.21	50.61	50.97	50.79	50.61	50.61	50.61	50.44	50.44
360.0	37.21	51.85	51.67	51.67	51.67	51.67	51.50	51.67	51.50

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	51.32	51.32	51.14	50.97	50.61	50.44	50.09	50.09	49.73
22.5	18.16	17.99	17.99	17.99	17.99	17.99	17.81	17.99	17.64
45.0	22.22	22.22	22.22	21.87	21.87	21.87	21.87	21.69	21.69
67.5	30.16	29.98	29.98	29.80	29.80	29.63	29.45	29.28	29.28
90.0	43.03	43.03	45.68	45.50	45.32	45.15	45.15	44.97	44.80
112.5	48.50	48.32	48.15	47.97	47.62	47.44	47.44	47.26	47.09
135.0	49.56	49.20	49.20	49.03	48.85	48.67	48.50	48.15	47.97
157.5	50.09	50.09	49.91	49.56	49.20	49.20	49.03	48.85	48.67
180.0	51.32	50.79	50.61	50.97	50.26	50.61	50.09	49.91	49.56
202.5	17.99	17.81	17.81	17.81	17.64	17.64	17.46	17.28	17.28
225.0	22.04	22.04	21.87	21.87	21.87	21.87	21.52	21.52	21.52
247.5	30.16	29.98	29.80	29.80	29.80	29.45	29.45	29.45	29.28
270.0	43.21	42.86	42.86	43.03	42.50	42.50	42.15	41.97	41.80
292.5	48.50	48.15	47.97	47.97	47.79	47.44	47.09	47.09	47.09
315.0	49.38	49.20	49.03	49.03	48.67	48.67	48.50	48.15	47.62
337.5	50.26	50.44	50.26	49.91	49.73	49.20	49.38	49.03	48.67
360.0	51.32	51.32	51.14	50.97	50.61	50.44	50.09	50.09	49.73

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	49.38	48.85	48.50	48.15	48.15	47.62	47.44	47.09	46.56
22.5	17.81	17.46	17.64	17.28	17.11	17.11	16.93	16.75	16.75
45.0	21.69	21.52	21.34	21.16	21.16	20.99	20.99	20.81	20.46
67.5	29.10	28.75	28.75	28.57	28.39	28.22	28.04	27.69	27.51
90.0	44.62	44.27	44.27	43.74	43.56	43.38	43.21	42.86	42.33
112.5	46.73	46.56	46.21	45.85	45.50	45.15	44.62	44.44	44.09
135.0	47.62	47.26	47.09	46.91	46.38	46.03	45.68	45.50	44.97
157.5	48.32	47.97	47.79	47.62	47.44	46.91	46.73	46.21	45.85
180.0	49.56	49.20	49.03	48.67	48.67	48.15	47.79	47.44	47.09
202.5	17.28	17.46	16.93	16.93	16.75	16.58	16.40	16.40	16.22
225.0	21.34	21.34	21.16	20.99	20.81	20.81	20.63	20.46	20.28
247.5	29.10	29.10	28.92	28.75	28.39	28.22	27.86	28.04	27.69
270.0	41.62	41.27	41.09	40.92	40.74	40.21	40.03	39.50	39.33
292.5	46.91	46.38	46.03	45.85	45.32	44.97	44.62	44.44	44.09
315.0	47.62	47.26	47.09	46.91	46.38	45.85	45.85	45.32	44.97
337.5	48.50	48.15	47.97	47.62	47.44	46.91	46.38	46.21	45.85
360.0	49.38	48.85	48.50	48.15	48.15	47.62	47.44	47.09	46.56

Intensity data(cd)

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	45.85	45.68	44.97	44.80	44.09	43.56	43.21	42.68	42.50
22.5	16.58	16.40	16.40	16.22	15.87	15.70	15.52	15.34	15.17
45.0	20.28	20.28	20.10	19.93	19.75	19.58	19.40	19.22	19.05
67.5	27.16	27.16	26.63	26.45	26.10	25.92	25.57	25.22	25.04
90.0	42.15	41.80	41.44	40.92	40.39	40.21	39.86	39.50	38.80
112.5	43.56	43.03	42.86	42.15	41.97	41.44	40.92	40.74	40.39
135.0	44.62	44.09	44.09	43.56	43.03	42.50	42.15	41.80	41.09
157.5	45.50	44.97	44.62	44.27	43.74	43.38	43.03	42.33	41.97
180.0	46.56	46.38	45.85	45.32	44.80	44.62	44.09	43.91	43.38
202.5	16.22	16.05	15.87	15.70	15.70	15.34	15.17	15.17	14.81
225.0	19.93	19.93	19.75	19.40	19.22	19.22	18.87	18.69	18.52
247.5	27.51	27.16	26.98	26.81	26.45	26.28	26.10	25.75	25.40
270.0	38.98	38.45	38.09	37.92	37.21	37.04	36.33	36.15	35.98
292.5	43.74	43.21	42.86	42.50	41.97	41.44	41.27	40.56	40.21
315.0	44.44	43.91	44.09	43.56	42.50	42.33	41.97	41.44	40.92
337.5	45.32	44.97	44.44	44.09	43.56	43.03	42.33	41.97	41.27
360.0	45.85	45.68	44.97	44.80	44.09	43.56	43.21	42.68	42.50

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	41.62	41.09	40.39	39.86	39.33	38.62	38.09	37.56	36.68
22.5	14.99	14.81	14.81	14.46	14.46	14.11	14.11	13.76	13.58
45.0	18.87	18.52	18.34	18.16	17.99	17.81	17.64	17.28	17.11
67.5	24.69	24.34	23.98	23.81	23.46	23.10	22.75	22.22	21.87
90.0	38.62	38.09	37.56	37.04	36.51	36.15	35.80	35.10	34.57
112.5	39.86	39.33	39.15	38.45	37.74	37.21	36.86	36.33	35.45
135.0	40.92	40.21	39.86	39.50	38.80	38.09	37.74	37.21	36.51
157.5	41.62	41.09	40.56	40.03	39.50	39.15	38.62	38.09	37.56
180.0	43.03	42.33	41.97	41.62	41.09	40.56	40.03	39.50	38.98
202.5	14.64	14.46	14.11	13.93	13.76	13.58	13.23	13.05	12.87
225.0	18.34	18.16	17.99	17.64	17.46	17.28	17.11	16.75	16.40
247.5	25.22	24.87	24.51	24.16	23.81	23.63	23.10	23.10	22.75
270.0	35.45	34.92	34.21	33.86	33.16	32.98	32.45	32.10	31.57
292.5	39.68	39.33	37.39	36.86	36.51	35.98	35.62	34.74	34.39
315.0	40.39	39.86	39.50	39.15	38.62	37.74	37.21	36.68	36.33
337.5	40.92	40.21	39.68	39.15	38.62	38.09	37.56	37.04	36.33
360.0	41.62	41.09	40.39	39.86	39.33	38.62	38.09	37.56	36.68

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	36.15	35.80	35.10	34.04	32.98	31.74	30.69	29.63	28.04
22.5	13.40	13.23	13.05	12.87	12.70	12.35	12.35	11.99	11.64
45.0	16.75	16.40	16.40	16.22	15.70	15.34	15.17	14.81	14.46
67.5	21.52	21.16	20.81	20.46	20.10	19.40	19.05	18.52	17.99
90.0	34.39	33.51	32.98	32.45	31.57	30.86	30.33	29.45	28.57
112.5	35.10	34.57	33.86	33.33	32.80	32.10	31.04	30.33	29.45
135.0	36.15	35.27	34.74	34.04	33.33	32.80	32.10	30.86	30.16
157.5	37.04	36.51	35.80	35.10	34.57	34.04	32.98	32.27	31.39
180.0	38.27	37.92	37.04	36.68	35.98	35.45	34.57	33.68	32.98
202.5	12.70	12.35	12.17	11.82	11.46	11.11	10.76	10.41	9.88
225.0	16.40	16.05	15.87	15.52	14.99	14.64	14.29	13.76	13.40
247.5	22.40	21.87	21.52	21.16	20.81	20.46	19.75	19.22	18.34
270.0	30.69	30.51	29.98	29.28	28.75	28.22	27.51	26.45	25.57
292.5	33.86	33.33	32.63	32.10	31.39	30.69	29.98	28.92	27.86
315.0	35.45	34.92	34.21	33.51	33.16	32.10	31.04	30.33	29.10
337.5	35.80	35.27	34.39	33.68	32.98	31.92	31.04	29.80	28.92
360.0	36.15	35.80	35.10	34.04	32.98	31.74	30.69	29.63	28.04

Intensity data(cd)

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	27.16	25.57	24.34	23.46	21.69	20.63	19.58	18.52	17.11
22.5	11.46	10.93	10.76	10.41	10.05	9.52	9.17	8.99	8.47
45.0	13.93	13.58	13.23	12.70	12.35	11.82	11.29	10.76	10.23
67.5	17.46	16.75	16.05	15.52	14.99	21.69	20.81	19.58	18.69
90.0	27.86	26.81	25.92	24.87	23.81	22.75	21.52	20.46	19.58
112.5	28.22	27.51	26.28	25.22	24.34	23.28	21.87	20.81	19.75
135.0	28.92	28.22	27.34	26.28	24.69	23.98	22.75	21.52	20.28
157.5	30.51	29.45	28.22	27.16	26.10	24.87	23.81	22.75	21.34
180.0	32.10	31.22	29.98	28.92	27.69	26.45	25.22	24.34	22.93
202.5	9.52	9.17	8.64	8.29	8.11	7.41	7.05	6.70	6.17
225.0	12.70	12.35	11.82	11.11	10.76	10.05	9.70	8.99	8.47
247.5	17.81	16.93	16.40	15.52	14.99	13.93	13.40	12.52	11.64
270.0	24.69	23.63	22.57	21.52	20.46	19.40	18.52	17.46	16.22
292.5	26.81	25.75	24.69	23.46	22.57	21.52	19.93	18.87	17.81
315.0	28.04	26.98	25.75	24.69	23.28	22.22	20.81	19.75	18.52
337.5	27.69	26.63	25.22	23.98	22.75	21.69	20.28	19.22	17.81
360.0	27.16	25.57	24.34	23.46	21.69	20.63	19.58	18.52	17.11

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	16.05	14.81	13.58	12.52	11.82	10.76	9.35	8.64	7.41
22.5	8.11	7.76	7.41	7.05	6.53	6.17	5.64	5.47	5.11
45.0	9.52	9.17	8.64	7.94	7.58	6.70	6.53	6.00	5.47
67.5	17.46	16.40	15.34	14.46	13.40	12.52	11.64	10.41	9.70
90.0	18.52	17.11	16.05	15.17	13.93	13.05	11.99	10.93	9.88
112.5	18.69	17.64	16.58	15.52	14.46	13.40	12.17	11.29	10.23
135.0	19.22	18.16	17.11	16.05	14.81	13.76	12.70	11.82	10.41
157.5	20.28	19.22	17.81	16.75	15.70	14.11	13.40	12.35	11.11
180.0	21.69	20.63	19.40	17.81	16.93	15.52	14.46	13.23	12.35
202.5	5.82	5.29	5.11	4.59	4.06	3.70	3.35	3.00	2.82
225.0	7.94	7.23	6.88	6.35	5.82	5.29	4.94	4.41	4.06
247.5	10.76	10.23	9.35	8.64	7.76	7.23	6.53	5.64	5.29
270.0	14.81	13.93	13.23	11.99	10.76	9.88	8.99	8.29	7.23
292.5	16.58	15.34	14.11	13.23	12.17	10.93	10.05	8.82	7.94
315.0	17.46	16.22	14.81	13.58	12.52	11.64	10.23	9.35	8.29
337.5	16.58	15.52	14.46	13.40	11.99	10.93	10.05	8.99	8.29
360.0	16.05	14.81	13.58	12.52	11.82	10.76	9.35	8.64	7.41

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.70	5.64	4.94	3.70	2.65	2.12	1.59	1.23	0.88
22.5	4.59	4.23	3.88	3.53	3.35	2.82	2.65	2.12	2.12
45.0	5.11	4.59	4.23	3.70	3.53	3.17	2.65	2.29	1.94
67.5	8.82	8.11	7.05	6.53	5.64	5.11	4.41	3.70	2.65
90.0	8.82	7.94	7.23	6.35	5.47	5.11	4.23	3.35	2.29
112.5	9.35	8.29	7.58	6.70	6.00	5.11	4.23	3.35	2.47
135.0	9.52	8.82	7.76	6.88	6.17	5.47	4.76	3.70	2.65
157.5	10.23	9.35	8.47	7.58	6.70	5.82	5.11	4.23	2.82
180.0	11.11	10.23	9.35	8.11	7.23	6.35	5.29	4.76	3.70
202.5	2.47	2.12	1.59	1.23	1.23	0.88	0.71	0.71	0.71
225.0	3.53	3.00	2.47	1.94	1.41	1.23	1.06	0.88	0.71
247.5	4.76	4.06	3.53	3.17	2.12	1.76	1.23	1.23	0.88
270.0	6.53	5.64	4.94	4.23	3.00	2.29	1.94	1.41	1.06
292.5	7.05	6.35	5.47	4.59	3.35	2.47	1.94	1.59	1.06
315.0	7.41	6.70	5.82	4.94	3.88	2.47	2.12	1.59	1.23
337.5	7.23	6.53	5.64	4.41	3.35	2.47	2.12	1.41	1.06
360.0	6.70	5.64	4.94	3.70	2.65	2.12	1.59	1.23	0.88

Intensity data(cd)

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.71	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.71
22.5	1.76	1.41	1.06	0.88	0.88	0.53	0.53	0.71	0.53
45.0	1.41	1.23	1.06	0.88	0.71	0.71	0.53	0.53	0.71
67.5	2.12	1.59	1.23	1.06	0.71	0.71	0.71	0.71	0.71
90.0	1.94	1.59	1.23	0.88	0.88	0.88	0.71	0.53	0.53
112.5	2.12	1.76	1.23	0.88	0.88	0.71	0.71	0.71	0.71
135.0	2.12	1.76	1.23	0.88	0.71	0.71	0.71	0.53	0.71
157.5	2.29	1.76	1.59	1.06	0.88	0.88	0.71	0.71	0.71
180.0	2.65	2.12	1.59	1.23	1.06	0.88	0.71	0.71	0.71
202.5	0.71	0.53	0.53	0.35	0.53	0.71	0.53	0.53	0.53
225.0	0.71	0.71	0.71	0.53	0.53	0.35	0.53	0.71	0.53
247.5	0.71	0.71	0.53	0.71	0.53	0.53	0.71	0.53	0.53
270.0	0.88	0.53	0.71	0.53	0.71	0.53	0.53	0.53	0.53
292.5	0.71	0.53	0.71	0.71	0.53	0.53	0.53	0.53	0.53
315.0	1.06	0.88	0.88	0.88	0.71	0.53	0.53	0.53	0.53
337.5	0.88	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
360.0	0.71	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.71

C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.71	0.53	0.53	0.71	0.53	0.53	0.71	0.71	0.71
22.5	0.71	0.53	0.53	0.53	0.71	0.53	0.53	0.71	0.53
45.0	0.71	0.53	0.71	0.71	0.71	0.71	0.53	0.53	0.53
67.5	0.71	0.71	0.53	0.71	0.53	0.53	0.53	0.53	0.71
90.0	0.71	0.71	0.71	0.71	0.71	0.53	0.53	0.53	0.71
112.5	0.71	0.88	0.71	0.71	0.71	0.71	0.53	0.53	0.53
135.0	0.53	0.71	0.53	0.53	0.53	0.53	0.53	0.71	0.53
157.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
180.0	0.71	0.71	1.59	2.47	0.71	0.71	0.71	0.71	0.71
202.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
225.0	0.71	0.53	0.53	0.53	0.71	0.71	0.53	0.53	0.53
247.5	0.71	0.53	0.53	0.71	0.53	0.53	0.53	0.53	0.53
270.0	0.53	0.71	1.41	0.71	0.53	0.71	0.53	0.53	0.53
292.5	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53	0.53
315.0	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53	0.53
337.5	0.71	0.53	0.71	0.53	0.71	0.71	0.71	0.71	0.71
360.0	0.71	0.53	0.53	0.71	0.53	0.53	0.71	0.71	0.71

C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.53	0.53
22.5	0.53	0.53	0.71	0.71	0.53	0.71	0.53	0.53	0.53
45.0	0.71	0.53	0.71	0.53	0.53	0.53	0.71	0.71	0.53
67.5	0.53	0.53	0.71	0.53	0.71	0.53	0.53	0.71	0.53
90.0	0.71	0.71	0.71	0.53	0.53	0.53	0.53	0.53	0.53
112.5	0.53	0.71	0.53	0.53	0.71	0.71	0.53	0.71	0.53
135.0	0.53	0.53	0.71	0.71	0.71	0.53	0.71	0.71	0.71
157.5	0.71	0.71	0.71	0.88	0.71	0.71	0.88	0.71	0.71
180.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53	0.71
202.5	0.71	0.53	0.71	0.71	0.53	0.53	0.53	0.53	0.71
225.0	0.53	0.53	0.53	0.53	0.53	0.53	0.71	0.53	0.53
247.5	0.53	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53
270.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.71	0.53
292.5	0.53	0.53	0.53	0.53	0.71	0.53	0.71	0.53	0.53
315.0	0.53	0.71	0.53	0.53	0.71	0.53	0.53	0.53	0.71
337.5	0.71	0.71	0.71	0.71	0.71	0.53	0.71	0.53	0.71
360.0	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.53	0.53

Intensity data(cd)

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.71
22.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
45.0	0.71	0.71	0.71	0.53	0.53	0.71	0.53	0.53	0.53
67.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.71	0.71
90.0	0.71	0.53	0.71	0.71	0.71	0.71	0.53	0.53	0.71
112.5	0.53	0.71	0.71	0.71	0.53	0.53	0.71	0.71	0.71
135.0	0.71	0.53	0.71	0.53	0.53	0.71	0.71	0.71	0.88
157.5	0.71	0.71	0.88	0.88	0.88	0.88	0.71	0.53	0.71
180.0	0.71	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71
202.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.71
225.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
247.5	0.53	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53
270.0	0.53	0.53	0.53	0.53	0.53	0.71	0.71	0.53	0.53
292.5	0.53	0.53	0.53	0.71	0.71	0.53	0.53	0.53	0.53
315.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
337.5	0.71	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.71
360.0	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.71

C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.53	0.71	0.71	0.53	0.53	0.88	0.71	0.71	0.53
22.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
45.0	0.53	0.53	0.53	0.53	0.71	0.53	0.71	0.53	0.71
67.5	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.71	0.71
90.0	0.71	0.71	0.53	0.71	0.53	0.53	0.53	0.53	0.71
112.5	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.71	0.53
135.0	0.53	0.53	0.71	0.71	0.71	0.53	0.71	0.71	0.53
157.5	0.88	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
180.0	0.71	0.53	0.71	0.53	0.71	0.71	0.53	0.71	0.71
202.5	0.71	0.53	0.53	0.71	0.53	0.71	0.53	0.53	0.53
225.0	0.53	0.53	0.53	0.71	0.53	0.53	0.71	0.53	0.53
247.5	0.53	0.53	0.53	0.71	0.71	0.71	0.53	0.71	0.71
270.0	0.71	0.71	0.71	0.71	0.53	0.53	0.53	0.71	0.53
292.5	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.53	0.71
315.0	0.53	0.71	0.71	0.71	0.53	0.71	0.71	0.71	0.53
337.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
360.0	0.53	0.71	0.71	0.53	0.53	0.88	0.71	0.71	0.53

C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
22.5	0.53	0.71	0.53	0.71	0.53	0.71	0.71	0.53	0.53
45.0	0.71	0.71	0.53	0.71	0.71	0.53	0.53	0.71	0.71
67.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
90.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53	0.71
112.5	0.71	0.71	0.71	0.71	0.53	0.53	0.71	0.53	0.53
135.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
157.5	0.88	0.71	0.71	0.88	0.88	0.71	0.88	0.88	0.71
180.0	0.71	0.71	0.88	0.71	0.71	0.88	0.71	0.88	0.88
202.5	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53	0.53
225.0	0.53	0.71	0.53	0.53	0.53	0.53	0.53	0.53	0.53
247.5	0.53	0.53	0.53	0.71	0.53	0.53	0.71	0.71	0.71
270.0	0.71	0.71	0.53	0.53	0.53	0.71	0.71	0.71	0.53
292.5	0.53	0.71	0.53	0.53	0.53	0.71	0.71	0.71	0.53
315.0	0.53	0.71	0.71	0.53	0.71	0.53	0.71	0.53	0.71
337.5	0.71	0.71	0.71	0.53	0.71	0.88	0.71	0.71	0.71
360.0	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71

Intensity data(cd)

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.71	0.71	0.71	0.71	0.88	0.88	0.88	0.71	0.53
22.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
45.0	0.53	0.53	0.53	0.53	0.53	0.71	0.53	0.71	0.71
67.5	0.71	0.71	0.71	0.71	0.71	0.88	0.53	0.71	0.71
90.0	0.71	0.53	0.71	0.53	0.71	0.53	0.71	0.71	0.71
112.5	0.71	0.53	0.71	0.71	0.53	0.71	0.71	0.71	0.71
135.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
157.5	0.88	0.88	0.88	0.88	0.71	0.88	0.71	0.88	0.88
180.0	0.71	0.88	0.71	0.88	0.88	0.88	0.71	0.71	0.88
202.5	0.71	0.53	0.53	0.53	0.53	0.53	0.71	0.71	0.71
225.0	0.53	0.53	0.53	0.53	0.71	0.53	0.71	0.53	0.53
247.5	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.53	0.53
270.0	0.71	0.53	0.71	0.53	0.71	0.71	0.53	0.53	0.71
292.5	0.71	0.53	0.53	0.71	0.71	0.71	0.53	0.71	0.71
315.0	0.71	0.53	0.53	0.71	0.53	0.71	0.71	0.71	0.71
337.5	0.71	0.71	0.71	0.71	0.88	0.71	0.71	0.71	0.88
360.0	0.71	0.71	0.71	0.71	0.88	0.88	0.88	0.71	0.53

C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
22.5	0.53	0.53	0.53	0.71	0.53	0.71	0.53	0.71	0.53
45.0	0.53	0.53	0.53	0.53	0.53	0.71	0.71	0.53	0.71
67.5	0.53	0.71	0.88	0.71	0.71	0.71	0.53	0.71	0.53
90.0	0.71	0.71	0.53	0.71	0.71	0.71	0.53	0.71	0.71
112.5	0.71	0.71	0.71	0.71	0.88	0.88	0.53	0.71	0.71
135.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53
157.5	0.88	0.71	0.88	0.88	0.71	0.88	0.71	0.88	0.88
180.0	0.88	0.88	0.88	0.88	0.88	0.71	0.88	0.88	0.88
202.5	0.71	0.53	0.53	0.53	0.71	0.53	0.53	0.53	0.53
225.0	0.53	0.53	0.53	0.53	0.53	0.71	0.53	0.53	0.71
247.5	0.53	0.53	0.71	0.71	0.53	0.71	0.53	0.53	0.71
270.0	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.71	0.71
292.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53	0.53
315.0	0.71	0.71	0.71	0.53	0.71	0.53	0.53	0.71	0.71
337.5	0.71	0.71	0.88	0.88	0.71	0.71	0.71	0.71	0.71
360.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71

C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.88	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
22.5	0.53	0.53	0.71	0.71	0.71	0.71	0.53	0.71	0.53
45.0	0.53	0.71	0.53	0.71	0.71	0.53	0.53	0.53	0.71
67.5	0.71	0.71	0.71	0.71	0.53	0.71	0.53	0.53	0.53
90.0	0.71	0.71	0.71	0.71	0.88	0.71	0.71	0.71	0.71
112.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53	0.71
135.0	0.71	0.71	0.71	0.53	0.71	0.53	0.88	0.71	0.71
157.5	0.71	0.88	0.71	0.88	0.71	0.88	0.88	0.71	0.88
180.0	0.88	0.71	0.88	0.88	0.88	0.71	0.88	0.88	0.71
202.5	0.53	0.53	0.53	0.53	0.53	0.71	0.71	0.53	0.53
225.0	0.53	0.71	0.53	0.71	0.53	0.53	0.53	0.53	0.53
247.5	0.71	0.71	0.53	0.53	0.71	0.71	0.71	0.71	0.71
270.0	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.71	0.71
292.5	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.53
315.0	0.71	0.71	0.88	0.53	0.71	0.53	0.71	0.71	0.71
337.5	0.71	0.71	0.71	0.71	0.88	0.71	0.71	0.71	0.71
360.0	0.88	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71

Intensity data(cd)

C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.71	0.71	0.71	0.71	0.71	0.88	0.71	0.71	0.71
22.5	0.71	0.53	0.53	0.71	0.53	0.71	0.53	0.71	0.53
45.0	0.53	0.71	0.71	0.53	0.71	0.71	0.53	0.71	0.53
67.5	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.53
90.0	0.53	0.53	0.71	0.71	0.71	0.71	0.88	0.71	0.53
112.5	0.71	0.53	0.71	0.71	0.71	0.53	0.71	0.71	0.71
135.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
157.5	0.71	0.71	0.88	0.71	0.88	0.71	0.88	0.71	0.88
180.0	0.88	0.88	0.71	0.71	0.71	0.88	0.88	0.88	1.06
202.5	0.71	0.71	0.53	0.53	0.53	0.71	0.71	0.71	0.53
225.0	0.53	0.53	0.53	0.53	0.53	0.53	0.71	0.71	0.71
247.5	0.71	0.53	0.53	0.53	0.53	0.71	0.53	0.71	0.71
270.0	0.71	0.71	0.53	0.53	0.53	0.71	0.71	0.53	0.53
292.5	0.71	0.71	0.71	0.71	0.53	0.71	0.71	0.88	0.71
315.0	0.53	0.53	0.71	0.71	0.71	0.71	0.71	0.71	0.71
337.5	0.88	0.71	0.88	0.71	0.71	0.71	0.88	0.71	0.71
360.0	0.71	0.71	0.71	0.71	0.71	0.88	0.71	0.71	0.71

C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.88	0.88	0.71	0.71	0.71	0.88	0.88	0.71	0.71
22.5	0.53	0.53	0.71	0.71	0.71	0.53	0.53	0.53	0.53
45.0	0.53	0.71	0.53	0.53	0.53	0.53	0.53	0.53	0.71
67.5	0.71	0.53	0.71	0.88	0.53	0.71	0.71	0.71	0.71
90.0	0.53	0.71	0.71	0.71	0.53	0.71	0.53	0.71	0.71
112.5	0.53	0.53	0.71	0.71	0.53	0.71	0.71	0.53	0.71
135.0	0.71	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71
157.5	0.71	0.88	0.88	0.71	0.71	0.88	0.88	0.71	0.71
180.0	0.88	0.88	0.88	0.71	0.88	0.71	0.71	0.88	0.88
202.5	0.53	0.71	0.71	0.53	0.71	0.53	0.53	0.71	0.71
225.0	0.53	0.71	0.53	0.71	0.71	0.53	0.53	0.53	0.71
247.5	0.71	0.71	0.35	0.71	0.53	0.71	0.71	0.71	0.71
270.0	0.71	0.71	0.53	0.71	0.71	0.71	0.71	0.71	0.71
292.5	0.71	0.53	0.71	0.71	0.53	0.71	0.71	0.71	0.71
315.0	0.53	0.71	0.71	0.71	0.53	0.71	0.71	0.71	0.88
337.5	0.71	0.71	0.88	0.71	0.88	0.71	0.88	0.71	0.71
360.0	0.88	0.88	0.71	0.71	0.71	0.88	0.88	0.71	0.71

C/γ(°)	180.0
0.0	0.71
22.5	0.71
45.0	0.71
67.5	0.71
90.0	0.71
112.5	0.71
135.0	0.71
157.5	0.71
180.0	0.71
202.5	0.71
225.0	0.71
247.5	0.71
270.0	0.71
292.5	0.71
315.0	0.71
337.5	0.71
360.0	0.71