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SHENZHEN YOUTH GREEN LIGHTING TECHNOLOGY CO. LIMITED

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LumCAT: YGCL-9X-ETL(3CCT)(3000K-5000K)

Luminaire: LED recessed luminaire

Report No:	Voltage(V): 120.0600
Test No:	Current(A): 0.0740
LampCAT:	Power (W): 8.6000
Lamp flux(lm)	PF: 0.9667
Number of Lamps: 1	Ballast type:
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

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Photometric Results

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Lumens(lm): 702.59  
Lumens(lm)/Power(W): 81.70  
Central intensity(cd): 240.611  
Maximum intensity(cd): 240.819  
Angle of maximum intensity:  $C=0.0 \gamma=1.0$   
Beam Angle(50%Imax): [C0/180]Total=113.9  
                                  [C90/270]Total=113.9  
Field angle(10%Imax): [C0/180]Total=161.3  
                                  [C90/270]Total=161.3  
Maximum s/h(1/2): C0\_180=1.28 C90\_270=1.28  
Maximum s/h(1/4): C0\_180=1.40 C90\_270=1.40  
Up flux rate of LUM(%): 0.39%  
Down flux rate of LUM(%): 99.61%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 78.773%

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Equipment:  
Temperature(°C): 25.3

Date: 2019-1-8  
Humidity(%): 57.0%

Operator: Dick  
Distance(m): 14.40

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	240.611	.000	.000	.000%	.000%
1.0	240.818	.230	.230	.033%	.033%
2.0	240.818	.691	.922	.098%	.131%
3.0	240.611	1.151	2.073	.164%	.295%
4.0	240.404	1.610	3.683	.229%	.524%
5.0	239.990	2.067	5.750	.294%	.818%
6.0	239.575	2.520	8.270	.359%	1.177%
7.0	239.161	2.972	11.242	.423%	1.600%
8.0	238.746	3.420	14.662	.487%	2.087%
9.0	238.124	3.865	18.527	.550%	2.637%
10.0	237.295	4.302	22.829	.612%	3.249%
11.0	236.674	4.736	27.565	.674%	3.923%
12.0	235.845	5.165	32.730	.735%	4.659%
13.0	235.016	5.588	38.318	.795%	5.454%
14.0	233.979	6.003	44.321	.854%	6.308%
15.0	232.943	6.410	50.731	.912%	7.221%
16.0	231.700	6.808	57.540	.969%	8.190%
17.0	230.664	7.200	64.740	1.025%	9.215%
18.0	229.213	7.582	72.322	1.079%	10.294%
19.0	227.762	7.950	80.273	1.132%	11.425%
20.0	226.519	8.315	88.587	1.183%	12.609%
21.0	225.068	8.671	97.259	1.234%	13.843%
22.0	223.410	9.012	106.271	1.283%	15.126%
23.0	221.752	9.341	115.612	1.329%	16.455%
24.0	220.094	9.660	125.272	1.375%	17.830%
25.0	218.229	9.967	135.239	1.419%	19.249%
26.0	216.364	10.259	145.497	1.460%	20.709%
27.0	214.291	10.536	156.033	1.500%	22.208%
28.0	212.426	10.804	166.837	1.538%	23.746%
29.0	210.146	11.056	177.893	1.574%	25.320%
30.0	208.074	11.292	189.184	1.607%	26.927%
31.0	205.587	11.512	200.696	1.638%	28.565%
32.0	203.307	11.714	212.410	1.667%	30.233%
33.0	200.820	11.906	224.316	1.695%	31.927%
34.0	198.333	12.080	236.396	1.719%	33.647%
35.0	195.846	12.242	248.637	1.742%	35.389%
36.0	192.945	12.379	261.017	1.762%	37.151%
37.0	190.251	12.498	273.514	1.779%	38.930%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	187.557	12.611	286.125	1.795%	40.725%
39.0	184.655	12.705	298.830	1.808%	42.533%
40.0	181.339	12.765	311.594	1.817%	44.350%
41.0	178.438	12.811	324.406	1.823%	46.173%
42.0	175.122	12.845	337.251	1.828%	48.001%
43.0	171.806	12.851	350.102	1.829%	49.831%
44.0	168.697	12.852	362.954	1.829%	51.660%
45.0	165.381	12.839	375.793	1.827%	53.487%
46.0	161.858	12.798	388.590	1.822%	55.309%
47.0	158.335	12.735	401.325	1.813%	57.121%
48.0	154.812	12.659	413.984	1.802%	58.923%
49.0	151.082	12.562	426.546	1.788%	60.711%
50.0	147.351	12.443	438.989	1.771%	62.482%
51.0	143.621	12.311	451.299	1.752%	64.234%
52.0	139.683	12.157	463.456	1.730%	65.964%
53.0	135.953	11.990	475.446	1.707%	67.671%
54.0	132.015	11.811	487.257	1.681%	69.352%
55.0	128.077	11.610	498.867	1.652%	71.005%
56.0	124.140	11.397	510.264	1.622%	72.627%
57.0	119.995	11.162	521.427	1.589%	74.215%
58.0	116.264	10.925	532.352	1.555%	75.770%
59.0	112.327	10.687	543.039	1.521%	77.292%
60.0	107.975	10.408	553.447	1.481%	78.773%
61.0	103.830	10.108	563.554	1.439%	80.212%
62.0	99.892	9.817	573.371	1.397%	81.609%
63.0	95.747	9.515	582.886	1.354%	82.963%
64.0	91.188	9.173	592.059	1.306%	84.269%
65.0	87.043	8.820	600.879	1.255%	85.524%
66.0	83.105	8.489	609.368	1.208%	86.732%
67.0	78.753	8.139	617.507	1.158%	87.891%
68.0	74.608	7.769	625.276	1.106%	88.996%
69.0	70.463	7.401	632.677	1.053%	90.050%
70.0	66.111	7.014	639.691	.998%	91.048%
71.0	61.966	6.620	646.311	.942%	91.990%
72.0	58.029	6.239	652.550	.888%	92.878%
73.0	53.676	5.841	658.391	.831%	93.710%
74.0	49.739	5.437	663.828	.774%	94.484%
75.0	45.801	5.048	668.876	.718%	95.202%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	41.863	4.654	673.530	.662%	95.864%
77.0	38.133	4.265	677.795	.607%	96.472%
78.0	33.988	3.861	681.656	.549%	97.021%
79.0	30.258	3.452	685.107	.491%	97.512%
80.0	26.527	3.061	688.169	.436%	97.948%
81.0	22.797	2.667	690.836	.380%	98.328%
82.0	19.067	2.270	693.106	.323%	98.651%
83.0	15.958	1.904	695.010	.271%	98.922%
84.0	12.642	1.558	696.568	.222%	99.144%
85.0	9.533	1.210	697.779	.172%	99.316%
86.0	6.632	.884	698.662	.126%	99.442%
87.0	4.145	.590	699.252	.084%	99.526%
88.0	2.072	.341	699.593	.048%	99.574%
89.0	.829	.159	699.752	.023%	99.597%
90.0	.414	.068	699.820	.010%	99.606%
91.0	.207	.034	699.854	.005%	99.611%
92.0	.207	.023	699.877	.003%	99.615%
93.0	.207	.023	699.899	.003%	99.618%
94.0	.207	.023	699.922	.003%	99.621%
95.0	.207	.023	699.945	.003%	99.624%
96.0	.207	.023	699.967	.003%	99.627%
97.0	.207	.023	699.990	.003%	99.631%
98.0	.207	.023	700.013	.003%	99.634%
99.0	.207	.022	700.035	.003%	99.637%
100.0	.207	.022	700.057	.003%	99.640%
101.0	.207	.022	700.080	.003%	99.643%
102.0	.207	.022	700.102	.003%	99.647%
103.0	.207	.022	700.124	.003%	99.650%
104.0	.414	.033	700.157	.005%	99.654%
105.0	.414	.044	700.201	.006%	99.661%
106.0	.414	.044	700.245	.006%	99.667%
107.0	.207	.033	700.278	.005%	99.672%
108.0	.414	.033	700.310	.005%	99.676%
109.0	.414	.043	700.354	.006%	99.682%
110.0	.414	.043	700.396	.006%	99.688%
111.0	.414	.043	700.439	.006%	99.695%
112.0	.414	.042	700.481	.006%	99.701%
113.0	.414	.042	700.523	.006%	99.707%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	.414	.042	700.565	.006%	99.712%
115.0	.414	.041	700.606	.006%	99.718%
116.0	.414	.041	700.647	.006%	99.724%
117.0	.414	.041	700.688	.006%	99.730%
118.0	.414	.040	700.728	.006%	99.736%
119.0	.414	.040	700.768	.006%	99.741%
120.0	.414	.040	700.808	.006%	99.747%
121.0	.414	.039	700.847	.006%	99.753%
122.0	.414	.039	700.886	.006%	99.758%
123.0	.414	.038	700.924	.005%	99.764%
124.0	.414	.038	700.962	.005%	99.769%
125.0	.414	.037	700.999	.005%	99.774%
126.0	.414	.037	701.036	.005%	99.780%
127.0	.414	.037	701.073	.005%	99.785%
128.0	.622	.045	701.118	.006%	99.791%
129.0	.622	.053	701.171	.008%	99.799%
130.0	.414	.044	701.215	.006%	99.805%
131.0	.414	.035	701.250	.005%	99.810%
132.0	.622	.043	701.292	.006%	99.816%
133.0	.622	.050	701.343	.007%	99.823%
134.0	.622	.049	701.392	.007%	99.830%
135.0	.622	.049	701.441	.007%	99.837%
136.0	.622	.048	701.489	.007%	99.844%
137.0	.622	.047	701.535	.007%	99.851%
138.0	.622	.046	701.582	.007%	99.857%
139.0	.622	.045	701.627	.006%	99.864%
140.0	.622	.044	701.671	.006%	99.870%
141.0	.622	.043	701.714	.006%	99.876%
142.0	.622	.042	701.757	.006%	99.882%
143.0	.622	.042	701.798	.006%	99.888%
144.0	.622	.041	701.839	.006%	99.894%
145.0	.622	.040	701.878	.006%	99.899%
146.0	.622	.039	701.917	.005%	99.905%
147.0	.622	.038	701.955	.005%	99.910%
148.0	.622	.037	701.991	.005%	99.915%
149.0	.622	.036	702.027	.005%	99.921%
150.0	.622	.035	702.062	.005%	99.925%
151.0	.622	.034	702.095	.005%	99.930%

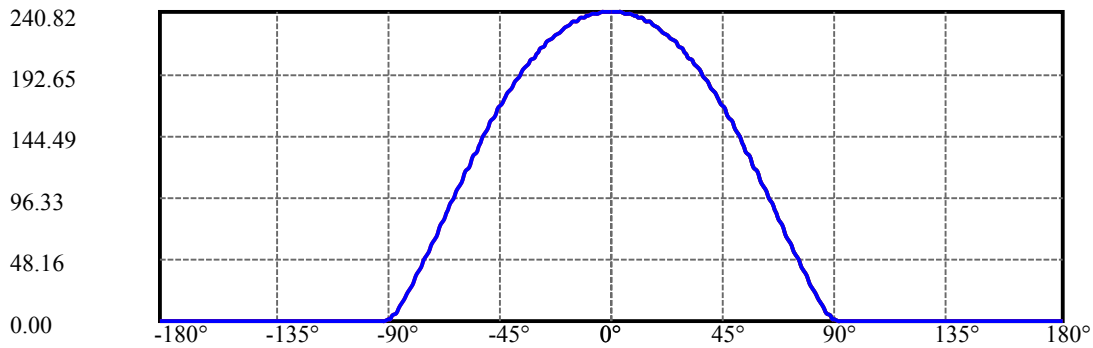
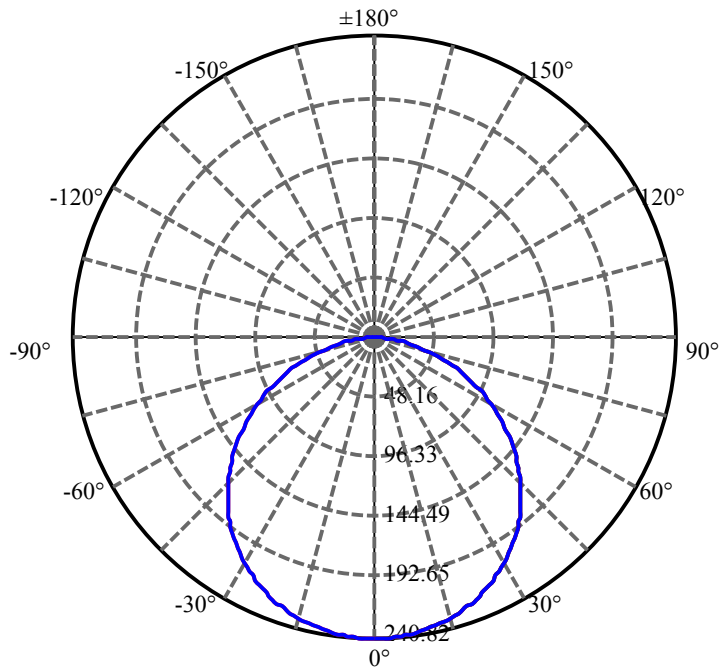
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	.622	.033	702.128	.005%	99.935%
153.0	.622	.031	702.159	.004%	99.939%
154.0	.622	.030	702.190	.004%	99.944%
155.0	.622	.029	702.219	.004%	99.948%
156.0	.622	.028	702.247	.004%	99.952%
157.0	.622	.027	702.274	.004%	99.956%
158.0	.622	.026	702.300	.004%	99.959%
159.0	.622	.025	702.325	.004%	99.963%
160.0	.622	.024	702.349	.003%	99.966%
161.0	.622	.023	702.372	.003%	99.970%
162.0	.622	.022	702.394	.003%	99.973%
163.0	.622	.021	702.414	.003%	99.976%
164.0	.622	.019	702.433	.003%	99.978%
165.0	.622	.018	702.452	.003%	99.981%
166.0	.622	.017	702.469	.002%	99.983%
167.0	.622	.016	702.485	.002%	99.986%
168.0	.622	.015	702.500	.002%	99.988%
169.0	.622	.014	702.513	.002%	99.990%
170.0	.622	.012	702.526	.002%	99.992%
171.0	.622	.011	702.537	.002%	99.993%
172.0	.622	.010	702.547	.001%	99.995%
173.0	.622	.009	702.556	.001%	99.996%
174.0	.622	.008	702.563	.001%	99.997%
175.0	.622	.007	702.570	.001%	99.998%
176.0	.622	.005	702.575	.001%	99.999%
177.0	.622	.004	702.580	.001%	99.999%
178.0	.622	.003	702.583	.000%	100.000%
179.0	.622	.002	702.584	.000%	100.000%
180.0	.622	.001	702.585	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	189.18	26.93%
0-40	311.59	44.35%
0-60	553.45	78.77%
0-90	699.82	99.61%
0-120	700.81	99.75%
0-180	702.58	100.00%
60-90	156.78	22.31%
90-120	1.06	0.15%
90-130	1.46	0.21%
90-150	2.31	0.33%
90-180	2.83	0.40%
0-60.85	562.07	80.00%

ZONAL LUMEN SUMMARY

0-10	22.83
10-20	65.76
20-30	100.60
30-40	122.41
40-50	127.39
50-60	114.46
60-70	86.24
70-80	48.48
80-90	11.65
90-100	0.24
100-110	0.34
110-120	0.41
120-130	0.41
130-140	0.46
140-150	0.39
150-160	0.29
160-170	0.18
170-180	0.06



C0(Max): —————

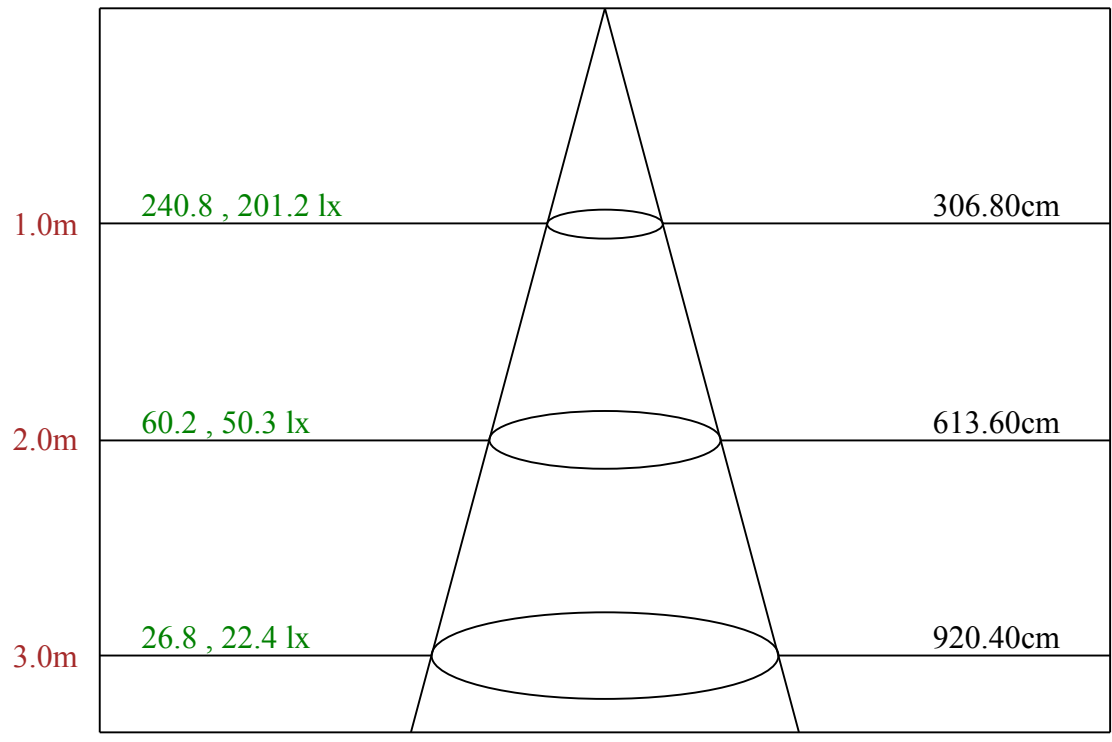
C0/C180: —————

C90/C270: —————

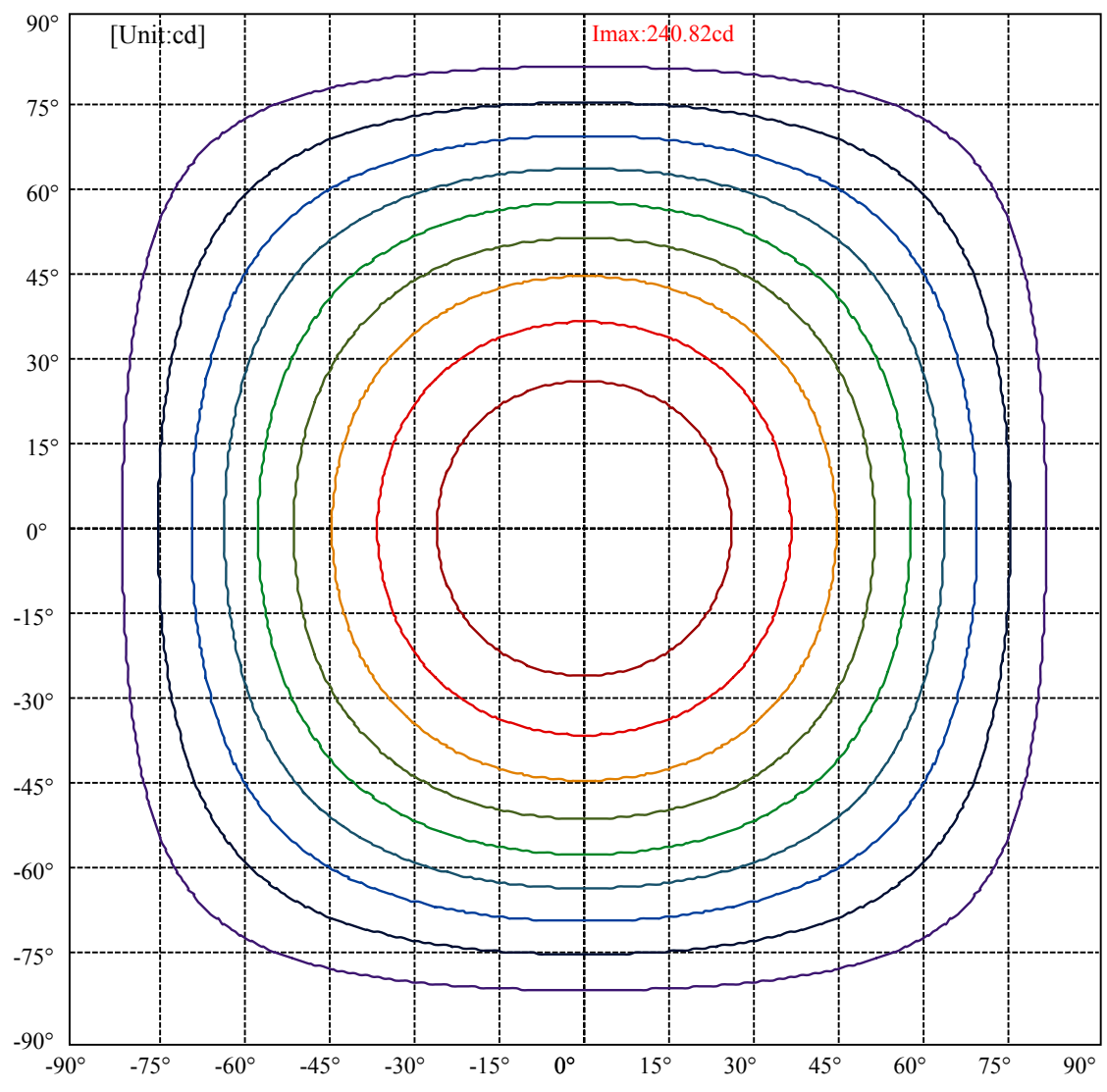
Field angle(10%Imax):C0/180Left:80.7 Right:80.7  
:C90/270Left:80.7 Right:80.7

Beam Angle(50%Imax):C0/180Left:56.9 Right:56.9  
:C90/270Left:56.9 Right:56.9





Max , Ave      Beam angle of C0plane113.80

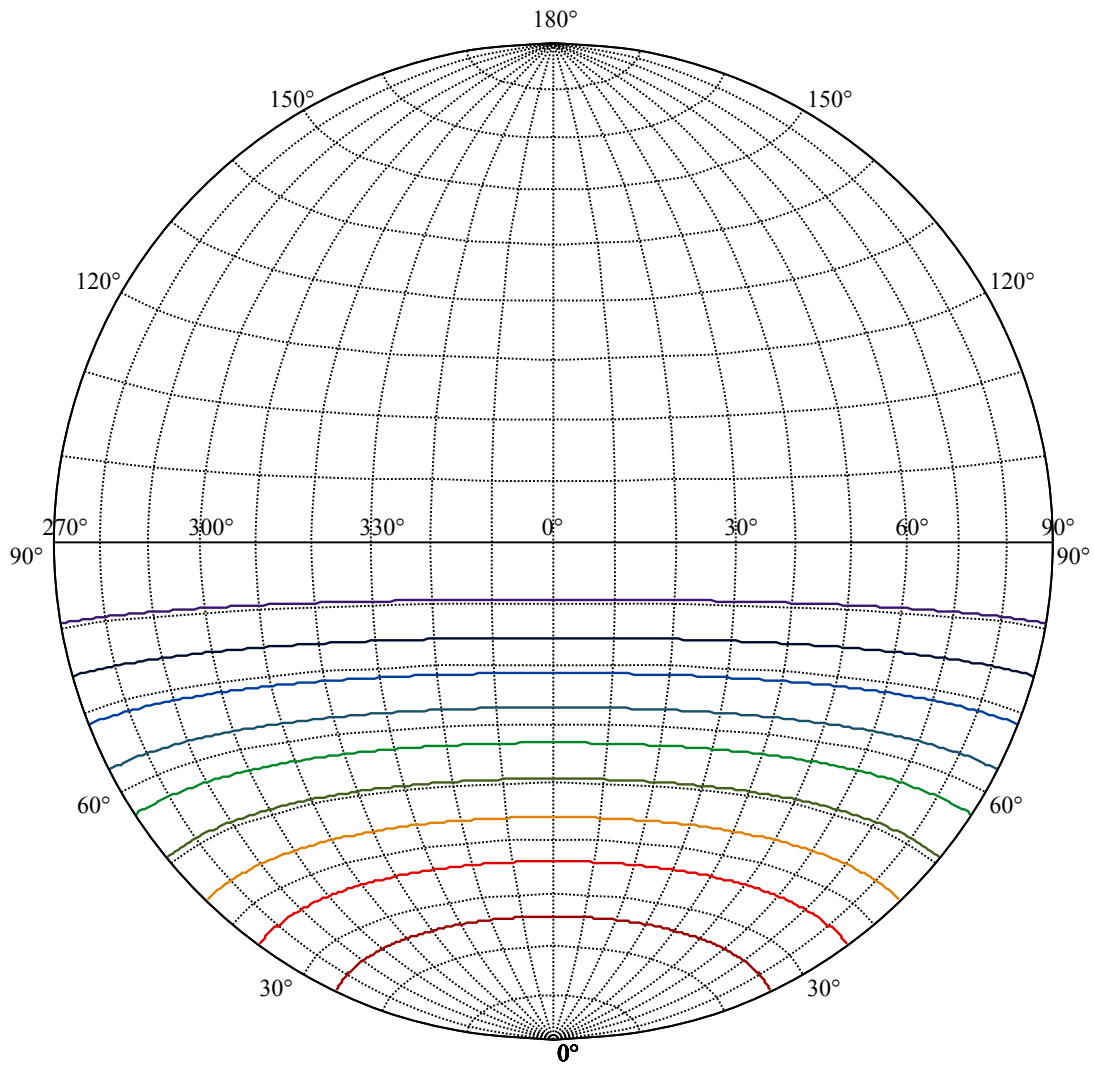


(10%Imax) 24.0818	—
(20%Imax) 48.1637	—
(30%Imax) 72.2455	—
(40%Imax) 96.3274	—
(50%Imax) 120.409	—
(60%Imax) 144.491	—
(70%Imax) 168.573	—
(80%Imax) 192.655	—
(90%Imax) 216.737	—

Equipment:  
Temperature(°C): 25.3

Date: 2019-1-8  
Humidity(%): 57.0%

Operator: Dick  
Distance(m): 14.40



House

[Unit:cd]

Road

I<sub>max</sub>:240.82

(10%I<sub>max</sub>) 24.0818

(20%I<sub>max</sub>) 48.1637

(30%I<sub>max</sub>) 72.2455

(40%I<sub>max</sub>) 96.3274

(50%I<sub>max</sub>) 120.409

(60%I<sub>max</sub>) 144.491

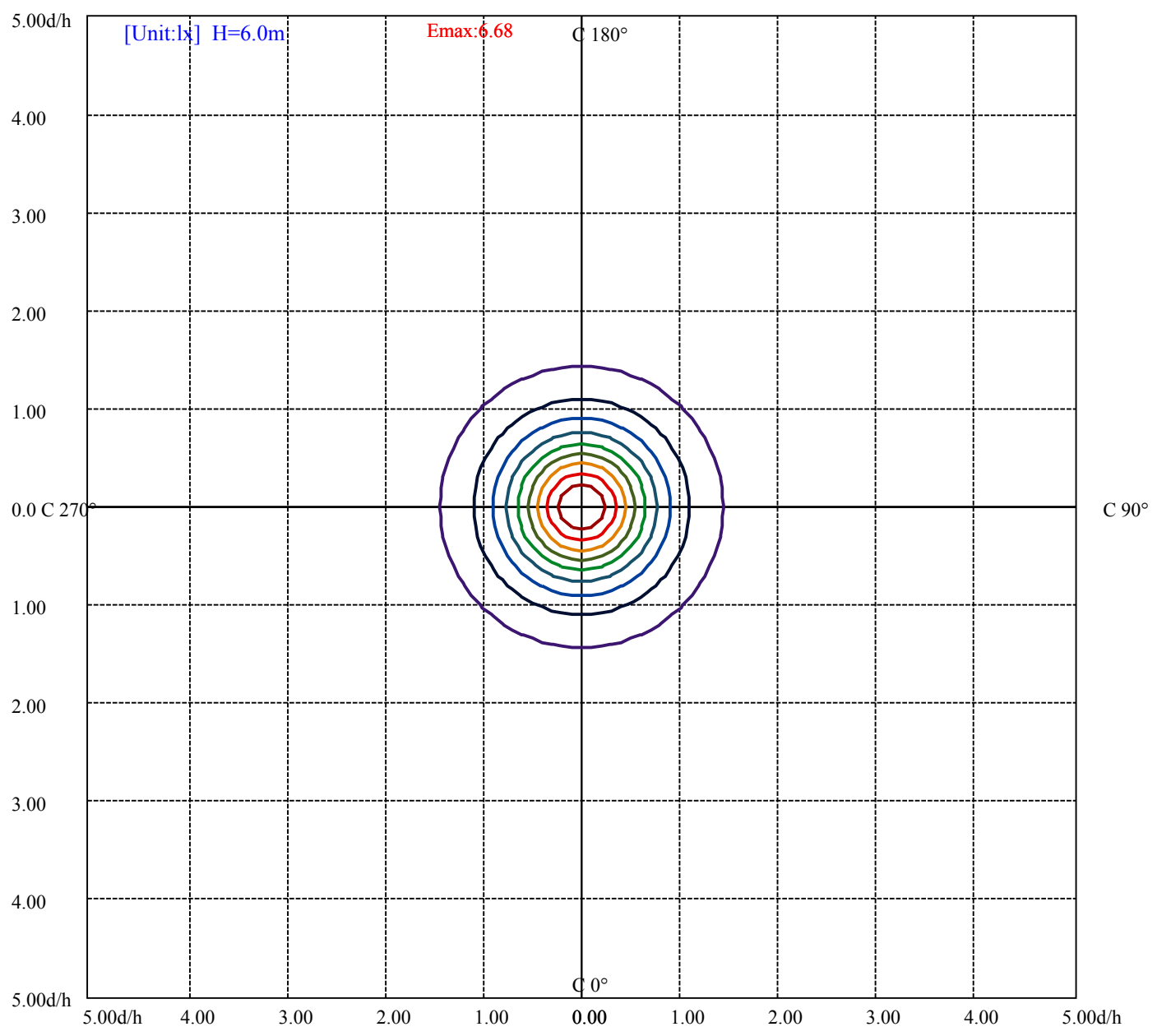
(70%I<sub>max</sub>) 168.573

(80%I<sub>max</sub>) 192.655

(90%I<sub>max</sub>) 216.737



ISO illuminance diagram

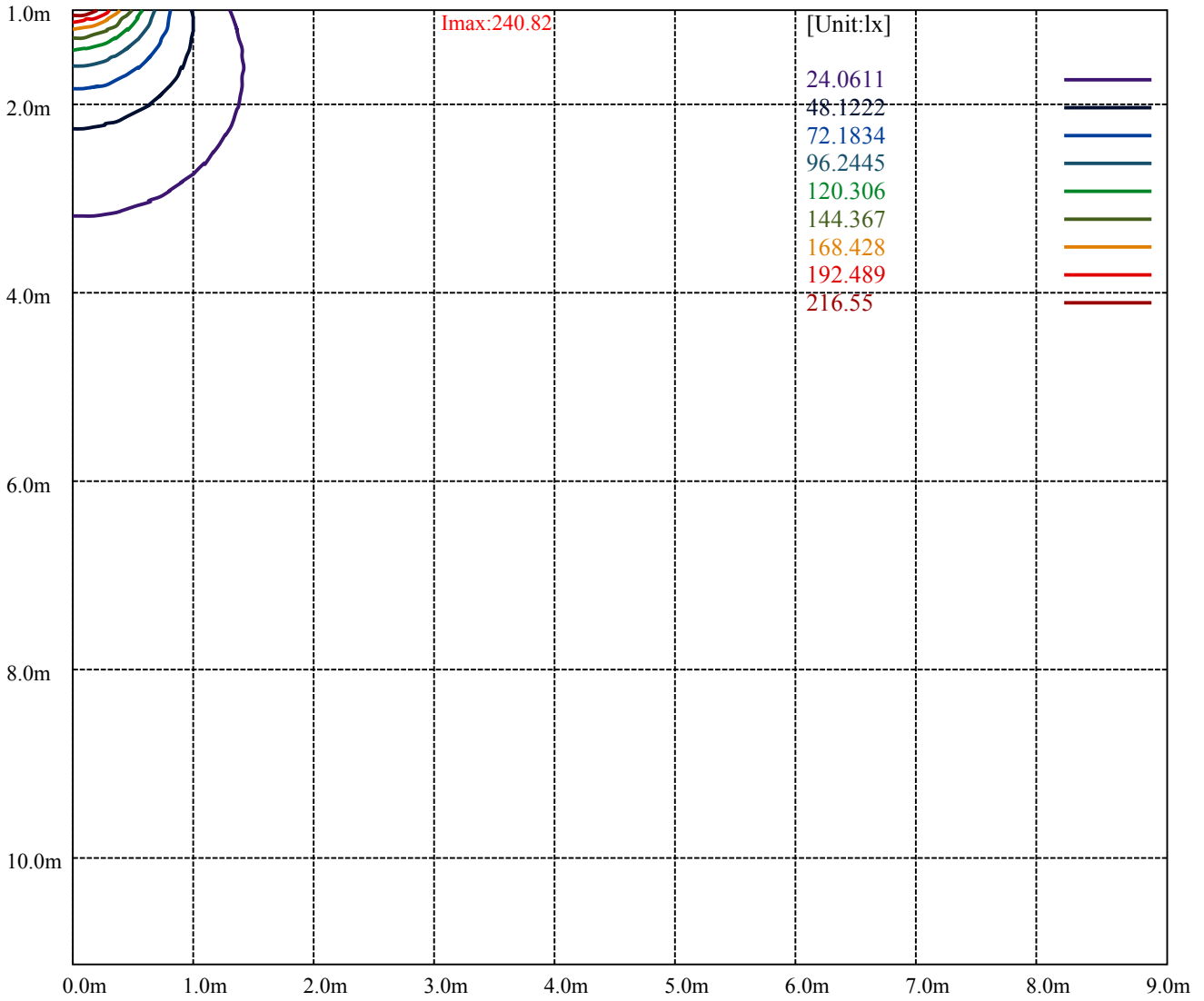


- (10%Emax) 0.6683639 ———
- (20%Emax) 1.33673 ———
- (30%Emax) 2.005095 ———
- (40%Emax) 2.673458 ———
- (50%Emax) 3.341833 ———
- (60%Emax) 4.010195 ———
- (70%Emax) 4.678555 ———
- (80%Emax) 5.346917 ———
- (90%Emax) 6.015278 ———

Equipment:  
Temperature(°C): 25.3

Date: 2019-1-8  
Humidity(%): 57.0%

Operator: Dick  
Distance(m): 14.40



Luminance Limiting Curve(no luminous side)

Luminance Table

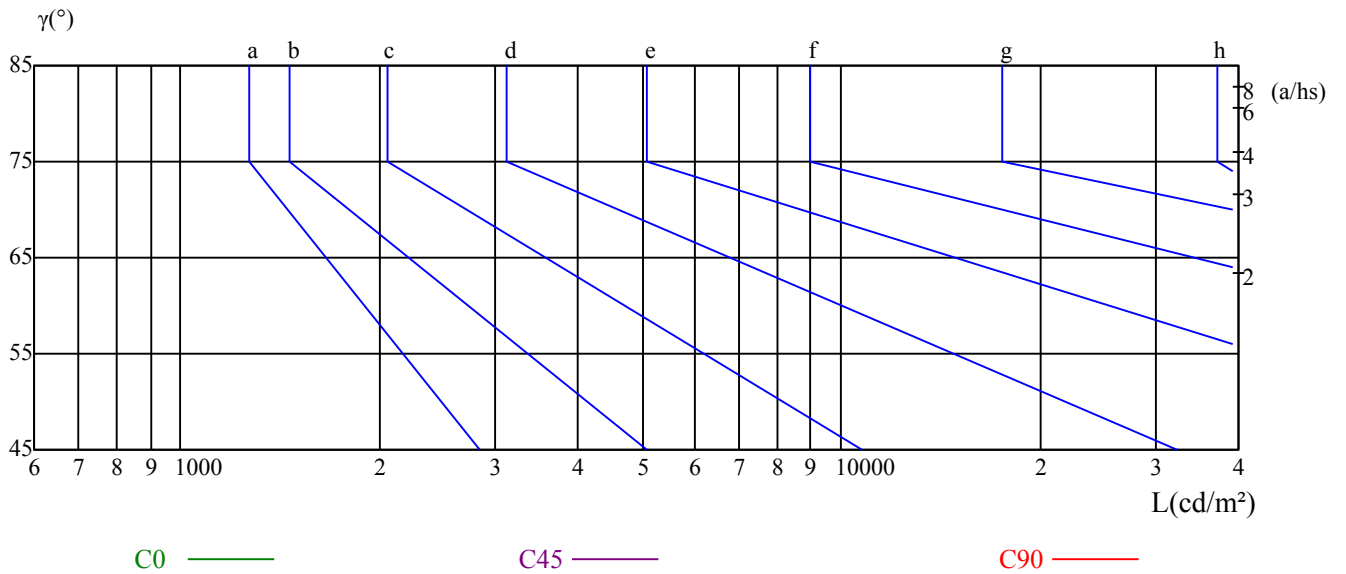
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

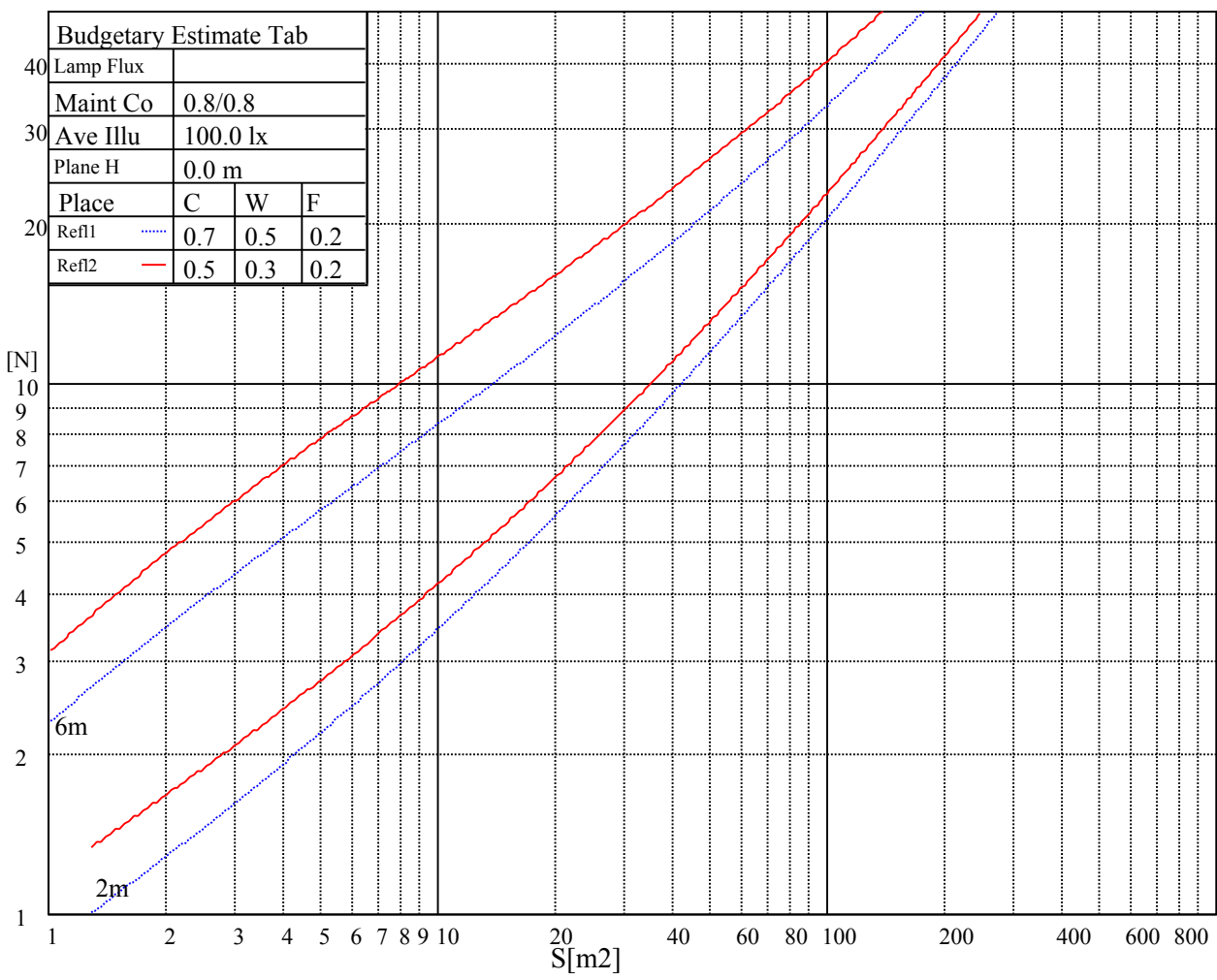
L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

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

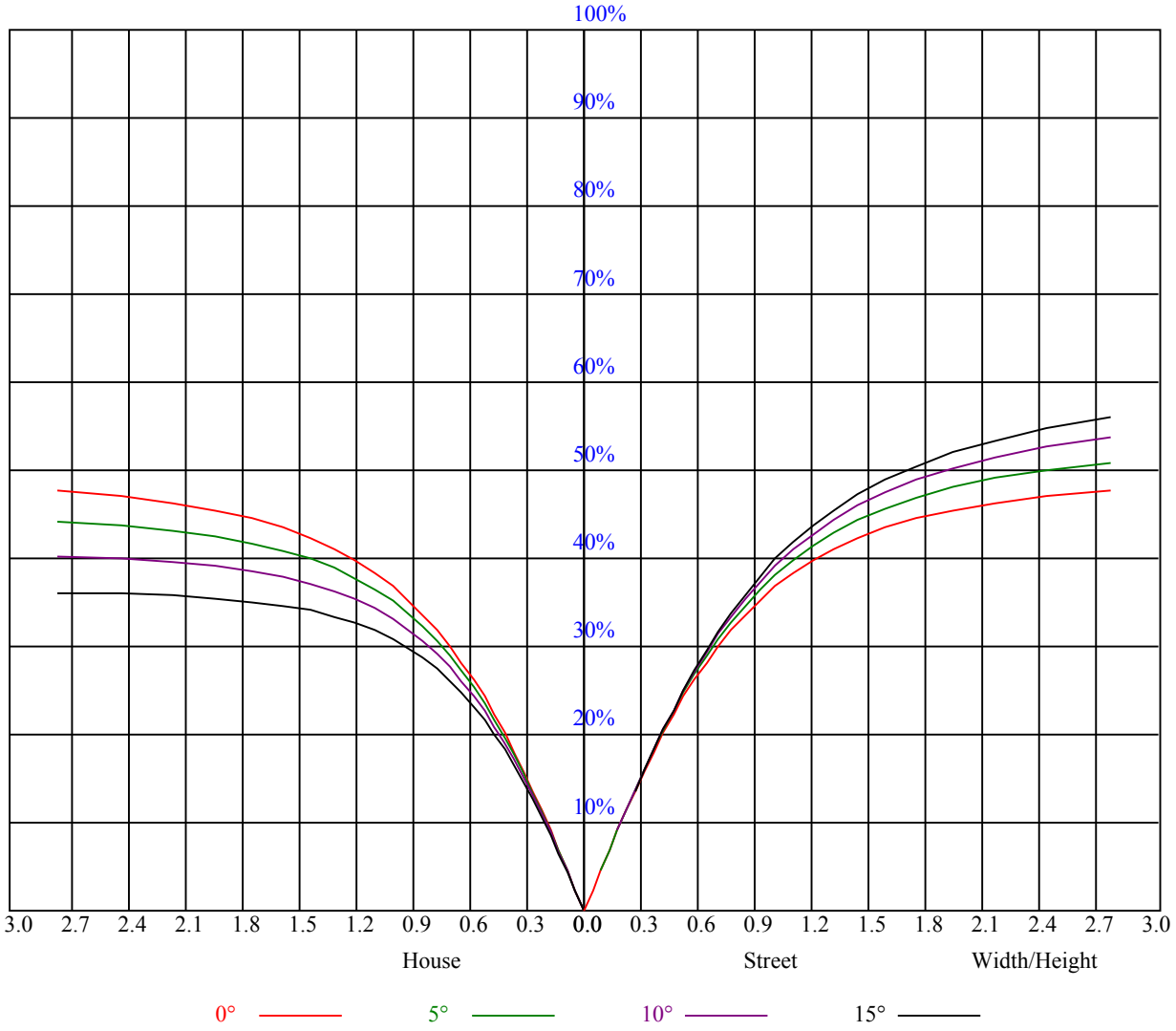
Luminance Limiting Curve





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	COEFFICIENTS OF UTILIZATION RHOF <sub>C</sub> =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	1.04	1.00	0.96	1.02	0.98	0.94	0.97	0.94	0.91	0.93	0.91	0.88	0.90	0.88	0.86	0.83
2	0.90	0.84	0.78	0.89	0.82	0.77	0.85	0.80	0.75	0.82	0.77	0.73	0.78	0.75	0.72	0.69
3	0.79	0.71	0.65	0.78	0.70	0.64	0.75	0.68	0.63	0.72	0.66	0.62	0.69	0.65	0.61	0.58
4	0.70	0.61	0.55	0.69	0.61	0.54	0.66	0.59	0.53	0.64	0.58	0.53	0.62	0.56	0.52	0.50
5	0.63	0.54	0.47	0.62	0.53	0.47	0.59	0.52	0.46	0.57	0.51	0.46	0.55	0.50	0.45	0.43
6	0.56	0.47	0.41	0.55	0.47	0.41	0.54	0.46	0.40	0.52	0.45	0.40	0.50	0.44	0.40	0.37
7	0.51	0.42	0.36	0.50	0.42	0.36	0.49	0.41	0.36	0.47	0.40	0.35	0.46	0.40	0.35	0.33
8	0.47	0.38	0.32	0.46	0.38	0.32	0.44	0.37	0.32	0.43	0.36	0.32	0.42	0.36	0.31	0.29
9	0.43	0.34	0.29	0.42	0.34	0.29	0.41	0.34	0.29	0.40	0.33	0.28	0.39	0.33	0.28	0.26
10	0.39	0.31	0.26	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.30	0.26	0.36	0.30	0.26	0.24





## Intensity data(cd)

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C/ $\gamma$ (°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
22.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
45.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
67.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
90.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
112.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
135.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
157.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
180.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
202.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
225.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
247.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
270.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
292.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
315.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
337.5	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
360.0	240.61	240.82	240.82	240.61	240.40	239.99	239.58	239.16	238.75
C/ $\gamma$ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
22.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
45.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
67.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
90.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
112.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
135.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
157.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
180.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
202.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
225.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
247.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
270.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
292.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
315.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
337.5	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
360.0	238.12	237.30	236.67	235.84	235.02	233.98	232.94	231.70	230.66
C/ $\gamma$ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
22.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
45.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
67.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
90.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
112.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
135.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
157.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
180.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
202.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
225.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
247.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
270.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
292.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
315.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
337.5	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36
360.0	229.21	227.76	226.52	225.07	223.41	221.75	220.09	218.23	216.36

Equipment:  
Temperature(°C): 25.3

Date: 2019-1-8  
Humidity(%): 57.0%

Operator: Dick  
Distance(m): 14.40

## Intensity data(cd)

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C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
22.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
45.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
67.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
90.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
112.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
135.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
157.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
180.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
202.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
225.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
247.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
270.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
292.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
315.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
337.5	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
360.0	214.29	212.43	210.15	208.07	205.59	203.31	200.82	198.33	195.85
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
22.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
45.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
67.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
90.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
112.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
135.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
157.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
180.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
202.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
225.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
247.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
270.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
292.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
315.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
337.5	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
360.0	192.94	190.25	187.56	184.66	181.34	178.44	175.12	171.81	168.70
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
22.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
45.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
67.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
90.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
112.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
135.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
157.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
180.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
202.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
225.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
247.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
270.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
292.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
315.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
337.5	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95
360.0	165.38	161.86	158.34	154.81	151.08	147.35	143.62	139.68	135.95

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	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
22.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
45.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
67.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
90.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
112.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
135.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
157.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
180.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
202.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
225.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
247.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
270.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
292.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
315.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
337.5	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
360.0	132.02	128.08	124.14	119.99	116.26	112.33	107.97	103.83	99.89
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
22.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
45.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
67.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
90.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
112.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
135.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
157.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
180.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
202.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
225.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
247.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
270.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
292.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
315.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
337.5	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
360.0	95.75	91.19	87.04	83.11	78.75	74.61	70.46	66.11	61.97
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
22.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
45.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
67.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
90.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
112.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
135.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
157.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
180.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
202.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
225.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
247.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
270.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
292.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
315.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
337.5	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53
360.0	58.03	53.68	49.74	45.80	41.86	38.13	33.99	30.26	26.53

Intensity data(cd) Page: 21 Total:24

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
22.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
45.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
67.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
90.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
112.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
135.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
157.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
180.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
202.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
225.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
247.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
270.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
292.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
315.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
337.5	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
360.0	22.80	19.07	15.96	12.64	9.53	6.63	4.14	2.07	0.83
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
22.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
45.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
67.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
90.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
112.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
135.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
157.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
180.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
202.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
225.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
247.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
270.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
292.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
315.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
337.5	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
360.0	0.41	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
22.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
45.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
67.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
90.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
112.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
135.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
157.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
180.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
202.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
225.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
247.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
270.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
292.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
315.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
337.5	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21
360.0	0.21	0.21	0.21	0.21	0.21	0.41	0.41	0.41	0.21

Intensity data(cd) Page: 22 Total:24

<b>C/γ(°)</b>	<b>108.0</b>	<b>109.0</b>	<b>110.0</b>	<b>111.0</b>	<b>112.0</b>	<b>113.0</b>	<b>114.0</b>	<b>115.0</b>	<b>116.0</b>
0.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
22.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
45.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
67.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
90.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
112.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
135.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
157.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
180.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
202.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
225.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
247.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
270.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
292.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
315.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
337.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
360.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
<b>C/γ(°)</b>	<b>117.0</b>	<b>118.0</b>	<b>119.0</b>	<b>120.0</b>	<b>121.0</b>	<b>122.0</b>	<b>123.0</b>	<b>124.0</b>	<b>125.0</b>
0.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
22.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
45.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
67.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
90.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
112.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
135.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
157.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
180.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
202.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
225.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
247.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
270.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
292.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
315.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
337.5	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
360.0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
<b>C/γ(°)</b>	<b>126.0</b>	<b>127.0</b>	<b>128.0</b>	<b>129.0</b>	<b>130.0</b>	<b>131.0</b>	<b>132.0</b>	<b>133.0</b>	<b>134.0</b>
0.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
22.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
45.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
67.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
90.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
112.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
135.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
157.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
180.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
202.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
225.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
247.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
270.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
292.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
315.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
337.5	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62
360.0	0.41	0.41	0.62	0.62	0.41	0.41	0.62	0.62	0.62

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
22.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
45.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
67.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
90.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
112.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
135.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
157.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
180.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
202.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
225.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
247.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
270.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
292.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
315.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
337.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
360.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
22.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
45.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
67.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
90.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
112.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
135.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
157.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
180.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
202.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
225.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
247.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
270.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
292.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
315.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
337.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
360.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
22.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
45.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
67.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
90.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
112.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
135.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
157.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
180.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
202.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
225.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
247.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
270.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
292.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
315.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
337.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
360.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62

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	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
22.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
45.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
67.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
90.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
112.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
135.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
157.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
180.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
202.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
225.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
247.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
270.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
292.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
315.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
337.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
360.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
22.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
45.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
67.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
90.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
112.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
135.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
157.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
180.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
202.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
225.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
247.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
270.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
292.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
315.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
337.5	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
360.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
C/γ(°)	180.0								
0.0	0.62								
22.5	0.62								
45.0	0.62								
67.5	0.62								
90.0	0.62								
112.5	0.62								
135.0	0.62								
157.5	0.62								
180.0	0.62								
202.5	0.62								
225.0	0.62								
247.5	0.62								
270.0	0.62								
292.5	0.62								
315.0	0.62								
337.5	0.62								
360.0	0.62								