



$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	3244.911	0.000	0	0.00%	0.00%
1.0	3241.797	3.104	3.104	0.15%	0.16%
2.0	3234.532	9.295	12.399	0.44%	0.63%
3.0	3220.210	15.438	27.837	0.74%	1.42%
4.0	3195.785	21.476	49.313	1.03%	2.52%
5.0	3158.975	27.338	76.651	1.31%	3.92%
6.0	3116.491	32.979	109.63	1.58%	5.61%
7.0	3064.804	38.367	147.997	1.83%	7.57%
8.0	3002.947	43.426	191.423	2.08%	9.79%
9.0	2935.830	48.131	239.554	2.30%	12.25%
10.0	2858.889	52.440	291.994	2.51%	14.94%
11.0	2775.789	56.302	348.296	2.69%	17.82%
12.0	2689.023	59.738	408.034	2.86%	20.87%
13.0	2599.004	62.756	470.79	3.00%	24.08%
14.0	2507.601	65.364	536.154	3.13%	27.43%
15.0	2419.520	67.642	603.795	3.23%	30.89%
16.0	2325.903	69.534	673.329	3.33%	34.44%
17.0	2231.317	70.968	744.297	3.39%	38.08%
18.0	2137.701	72.036	816.333	3.44%	41.76%
19.0	2044.776	72.767	889.099	3.48%	45.48%
20.0	1944.378	73.013	962.112	3.49%	49.22%
21.0	1840.936	72.686	1034.798	3.48%	52.94%
22.0	1738.601	71.932	1106.73	3.44%	56.62%
23.0	1630.177	70.686	1177.416	3.38%	60.23%
24.0	1520.785	68.891	1246.307	3.29%	63.76%
25.0	1411.392	66.671	1312.979	3.19%	67.17%
26.0	1276.067	63.438	1376.417	3.03%	70.41%
27.0	1180.782	60.107	1436.524	2.87%	73.49%
28.0	1099.620	57.735	1494.259	2.76%	76.44%
29.0	992.774	54.743	1549.002	2.62%	79.24%
30.0	880.129	50.568	1599.57	2.42%	81.83%
31.0	769.256	45.900	1645.47	2.19%	84.18%
32.0	660.998	40.975	1686.445	1.96%	86.27%
33.0	552.353	35.746	1722.191	1.71%	88.10%
34.0	462.998	30.728	1752.918	1.47%	89.67%
35.0	372.800	25.957	1778.875	1.24%	91.00%
36.0	303.981	21.549	1800.424	1.03%	92.10%
37.0	250.952	18.099	1818.523	0.87%	93.03%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	226.957	15.952	1834.475	0.76%	93.84%
39.0	151.683	12.924	1847.399	0.62%	94.51%
40.0	115.357	9.313	1856.712	0.45%	94.98%
41.0	92.752	7.411	1864.123	0.35%	95.36%
42.0	75.959	6.130	1870.252	0.29%	95.67%
43.0	63.629	5.171	1875.423	0.25%	95.94%
44.0	54.634	4.464	1879.886	0.21%	96.17%
45.0	47.749	3.935	1883.821	0.19%	96.37%
46.0	42.117	3.514	1887.336	0.17%	96.55%
47.0	37.717	3.175	1890.511	0.15%	96.71%
48.0	34.340	2.913	1893.424	0.14%	96.86%
49.0	31.302	2.696	1896.119	0.13%	97.00%
50.0	28.846	2.508	1898.627	0.12%	97.13%
51.0	26.777	2.353	1900.981	0.11%	97.25%
52.0	25.006	2.222	1903.203	0.11%	97.36%
53.0	23.574	2.113	1905.316	0.10%	97.47%
54.0	22.294	2.022	1907.337	0.10%	97.57%
55.0	21.221	1.942	1909.28	0.09%	97.67%
56.0	20.280	1.875	1911.155	0.09%	97.77%
57.0	19.422	1.815	1912.971	0.09%	97.86%
58.0	18.696	1.763	1914.733	0.08%	97.95%
59.0	18.025	1.717	1916.45	0.08%	98.04%
60.0	17.402	1.674	1918.124	0.08%	98.12%
61.0	16.834	1.634	1919.757	0.08%	98.21%
62.0	16.336	1.598	1921.356	0.08%	98.29%
63.0	15.873	1.566	1922.922	0.07%	98.37%
64.0	15.409	1.535	1924.457	0.07%	98.45%
65.0	14.994	1.505	1925.962	0.07%	98.52%
66.0	14.572	1.475	1927.437	0.07%	98.60%
67.0	14.198	1.447	1928.884	0.07%	98.67%
68.0	13.825	1.420	1930.303	0.07%	98.75%
69.0	13.479	1.393	1931.696	0.07%	98.82%
70.0	13.133	1.367	1933.063	0.07%	98.89%
71.0	12.794	1.340	1934.403	0.06%	98.96%
72.0	12.482	1.314	1935.717	0.06%	99.02%
73.0	12.116	1.286	1937.003	0.06%	99.09%
74.0	11.818	1.258	1938.262	0.06%	99.15%
75.0	11.486	1.231	1939.493	0.06%	99.22%

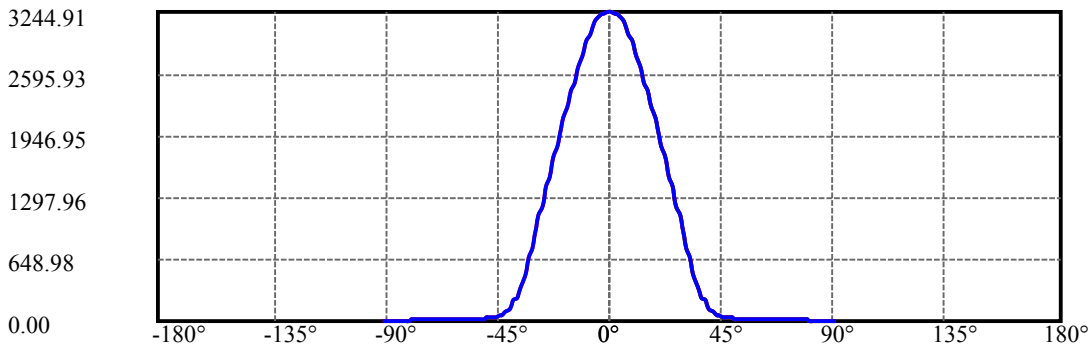
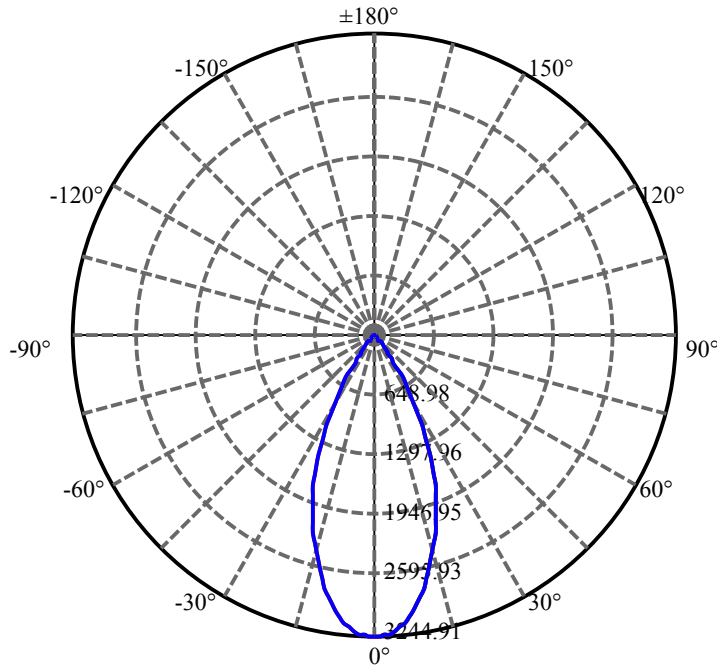
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	11.168	1.203	1940.695	0.06%	99.28%
77.0	10.870	1.175	1941.87	0.06%	99.34%
78.0	10.559	1.147	1943.017	0.05%	99.40%
79.0	10.254	1.118	1944.136	0.05%	99.45%
80.0	9.929	1.088	1945.224	0.05%	99.51%
81.0	9.680	1.060	1946.284	0.05%	99.56%
82.0	9.410	1.035	1947.319	0.05%	99.62%
83.0	9.140	1.008	1948.328	0.05%	99.67%
84.0	8.919	0.984	1949.312	0.05%	99.72%
85.0	8.704	0.962	1950.274	0.05%	99.77%
86.0	8.524	0.942	1951.215	0.05%	99.82%
87.0	8.345	0.923	1952.139	0.04%	99.86%
88.0	8.158	0.904	1953.042	0.04%	99.91%
89.0	8.082	0.890	1953.933	0.04%	99.95%
90.0	8.012	0.882	1954.815	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1599.57	76.49%	81.83%
0-40	1856.71	88.79%	94.98%
0-60	1918.12	91.73%	98.12%
0-90	1953.93	93.44%	99.95%
0-120	1953.93	93.44%	99.95%
0-180	1954.81	93.48%	100.00%
60-90	35.81	1.71%	1.83%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.29	1563.85	74.78%	80.00%

ZONAL LUMEN SUMMARY

0-10	291.99
10-20	670.12
20-30	637.46
30-40	257.14
40-50	41.92
50-60	19.50
60-70	14.94
70-80	12.16
80-90	8.71
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0(Max): —————

C0/C180: —————

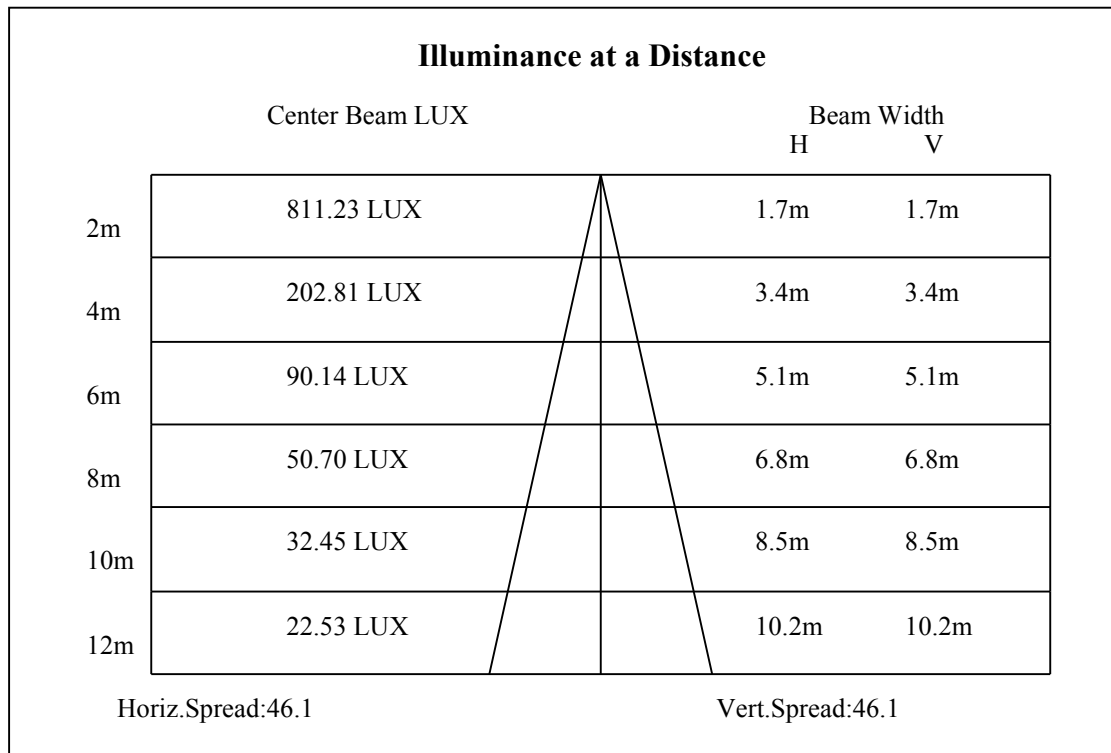
C90/C270: —————

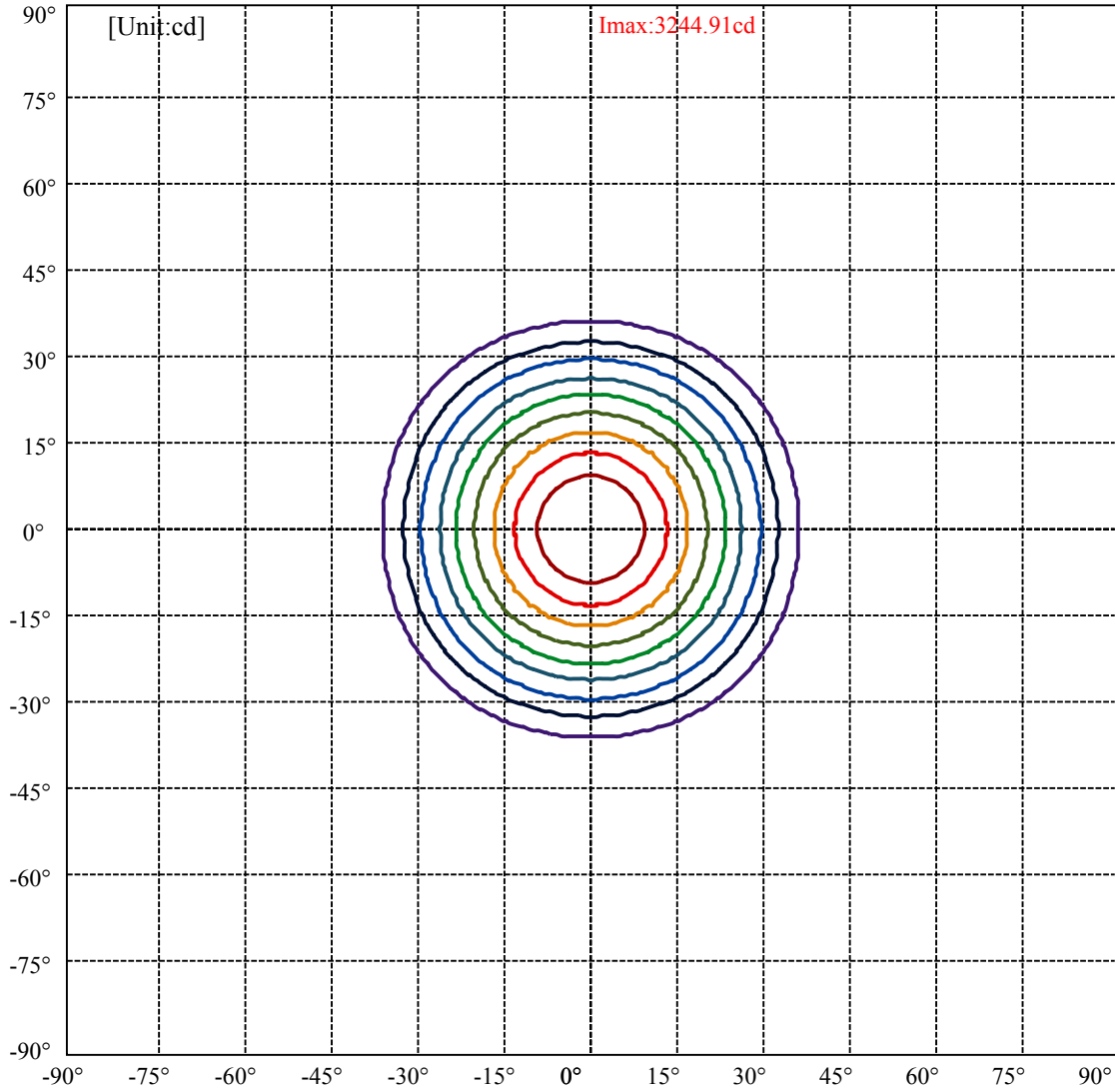
Field angle(10%Imax):C0/180Left:35.7 Right:35.7

:C90/270Left:35.7 Right:35.7

Beam Angle(50%Imax):C0/180Left:23.1 Right:23.1

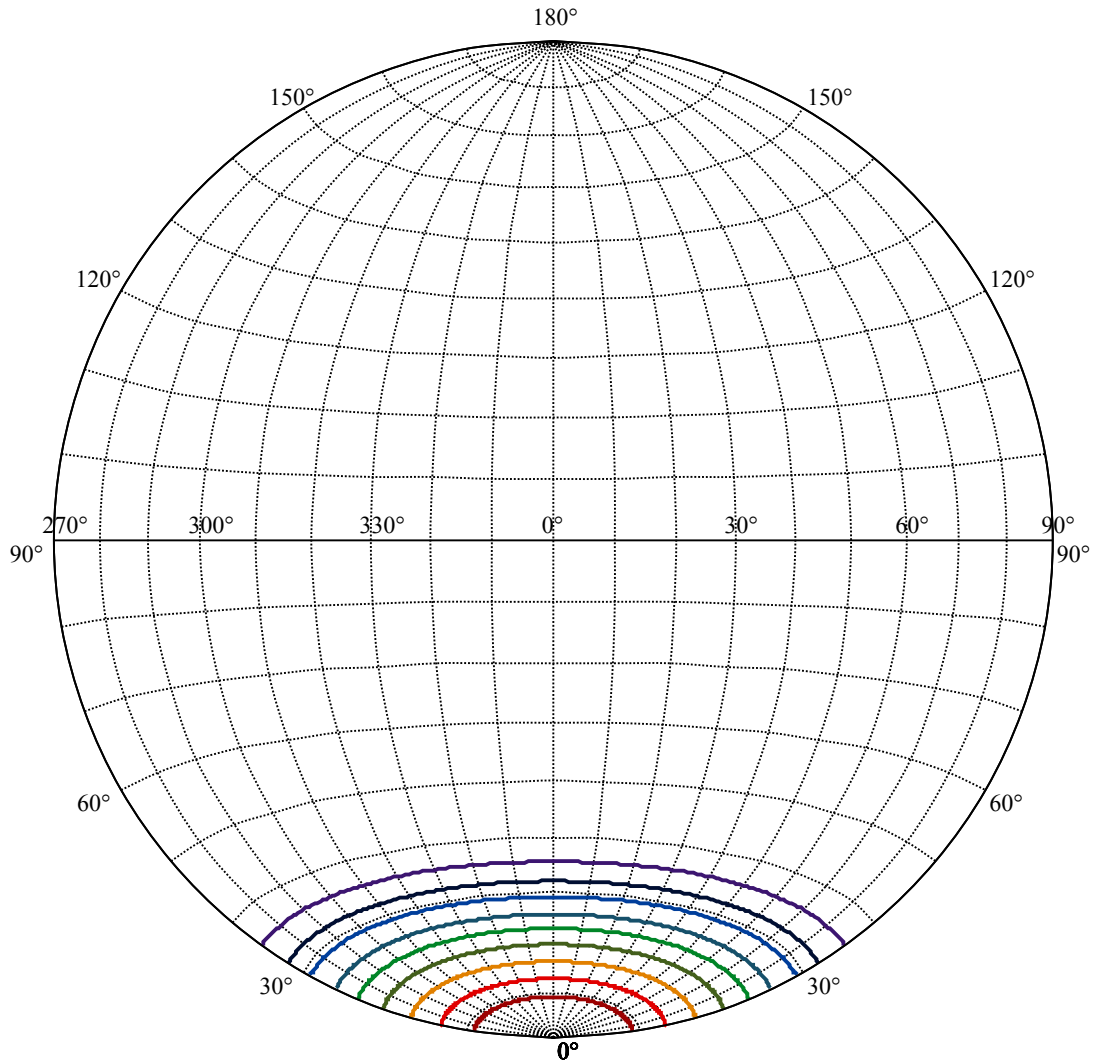
:C90/270Left:23.1 Right:23.1





(10%Imax) 324.491	—
(20%Imax) 648.982	—
(30%Imax) 973.473	—
(40%Imax) 1297.96	—
(50%Imax) 1622.46	—
(60%Imax) 1946.95	—
(70%Imax) 2271.44	—
(80%Imax) 2595.93	—
(90%Imax) 2920.42	—





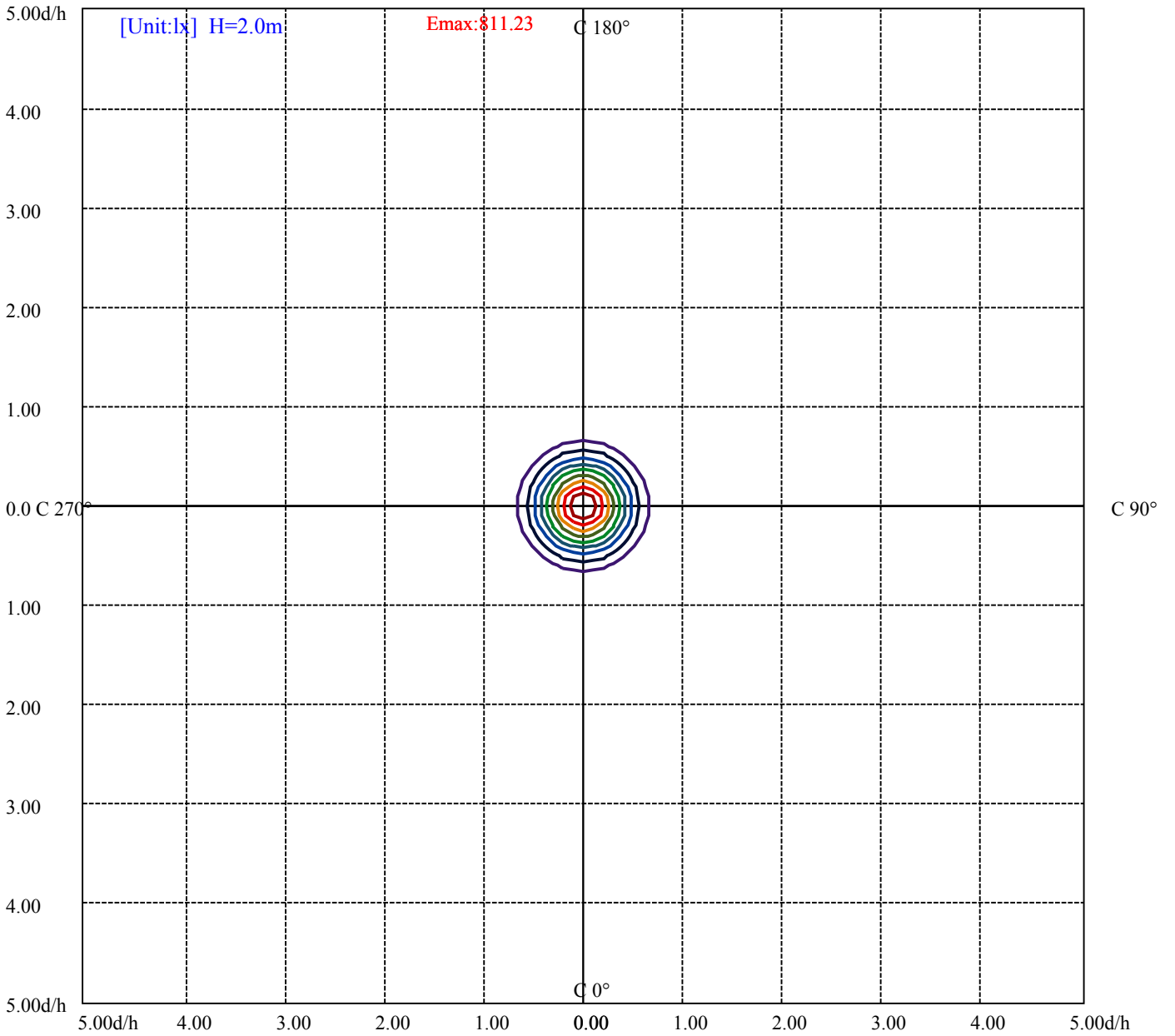
House

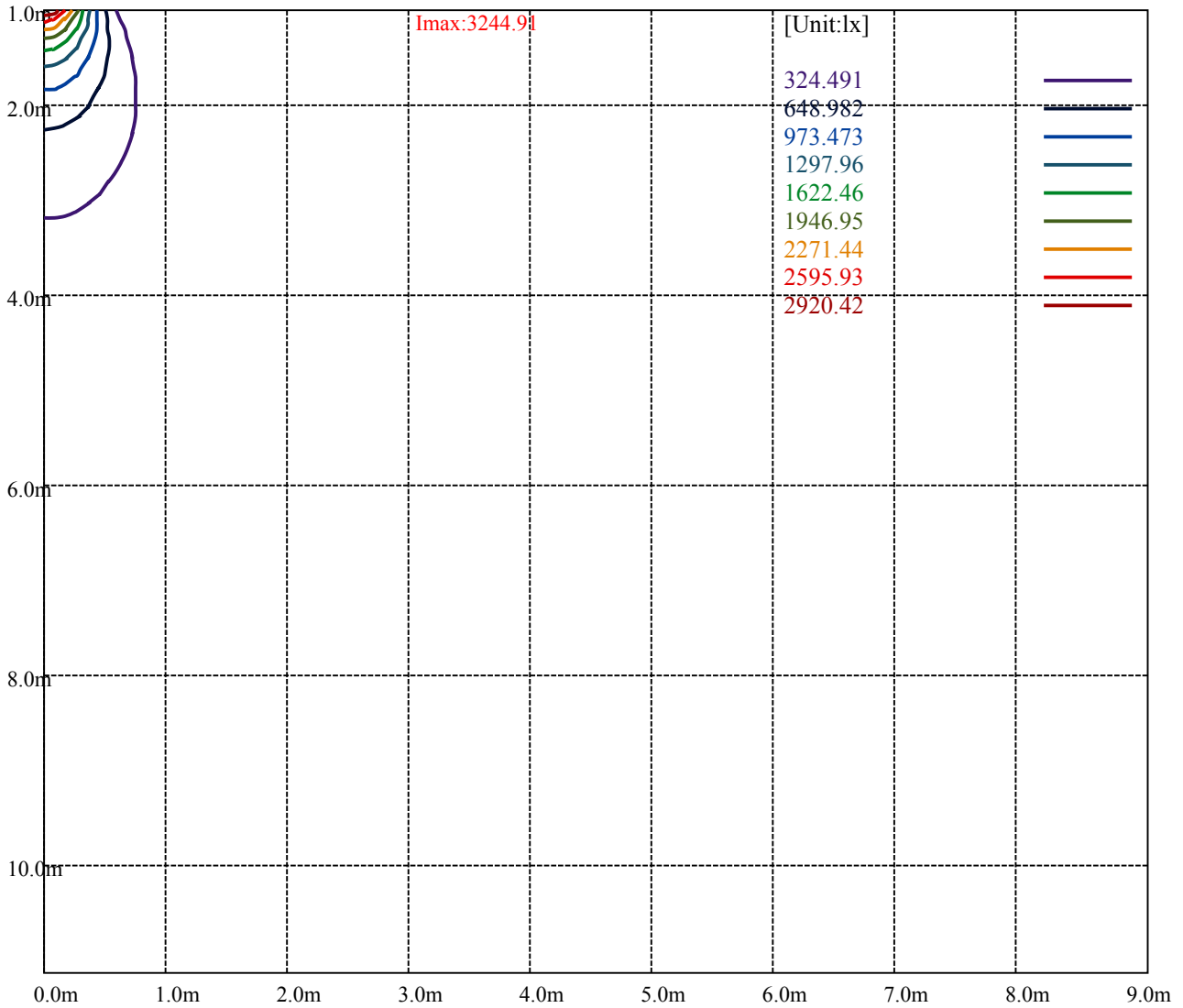
[Unit:cd]

Road

**Imax:3244.91**

(10%Imax)	324.491	—
(20%Imax)	648.982	—
(30%Imax)	973.473	—
(40%Imax)	1297.96	—
(50%Imax)	1622.46	—
(60%Imax)	1946.95	—
(70%Imax)	2271.44	—
(80%Imax)	2595.93	—
(90%Imax)	2920.42	—





Luminance Table

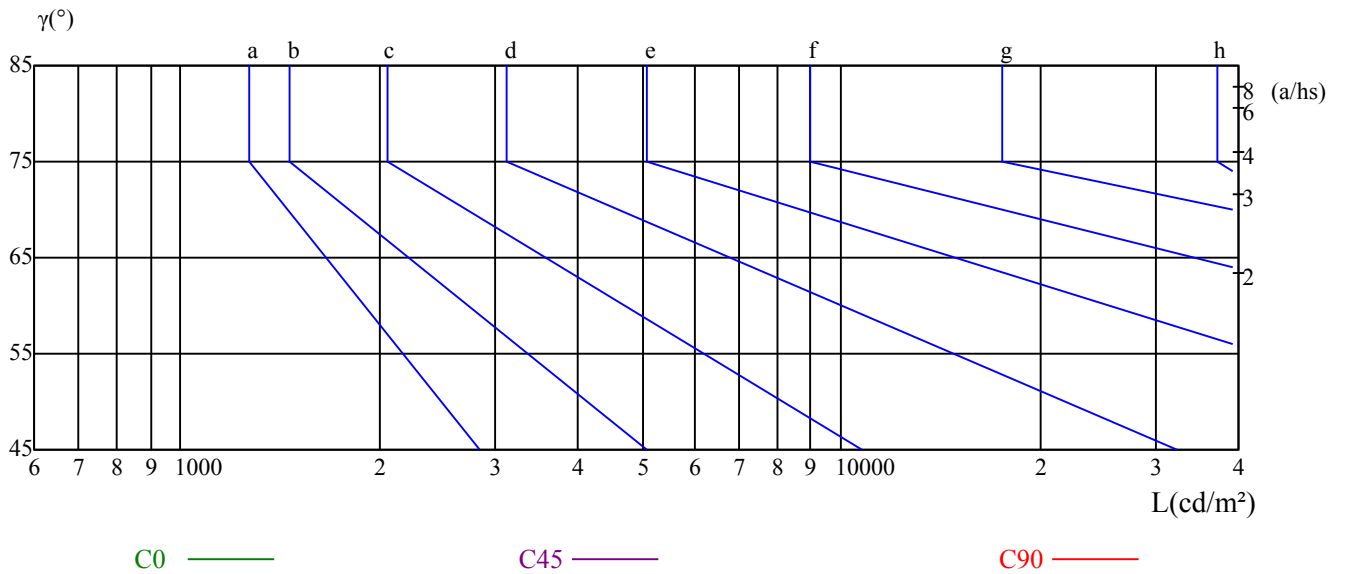
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

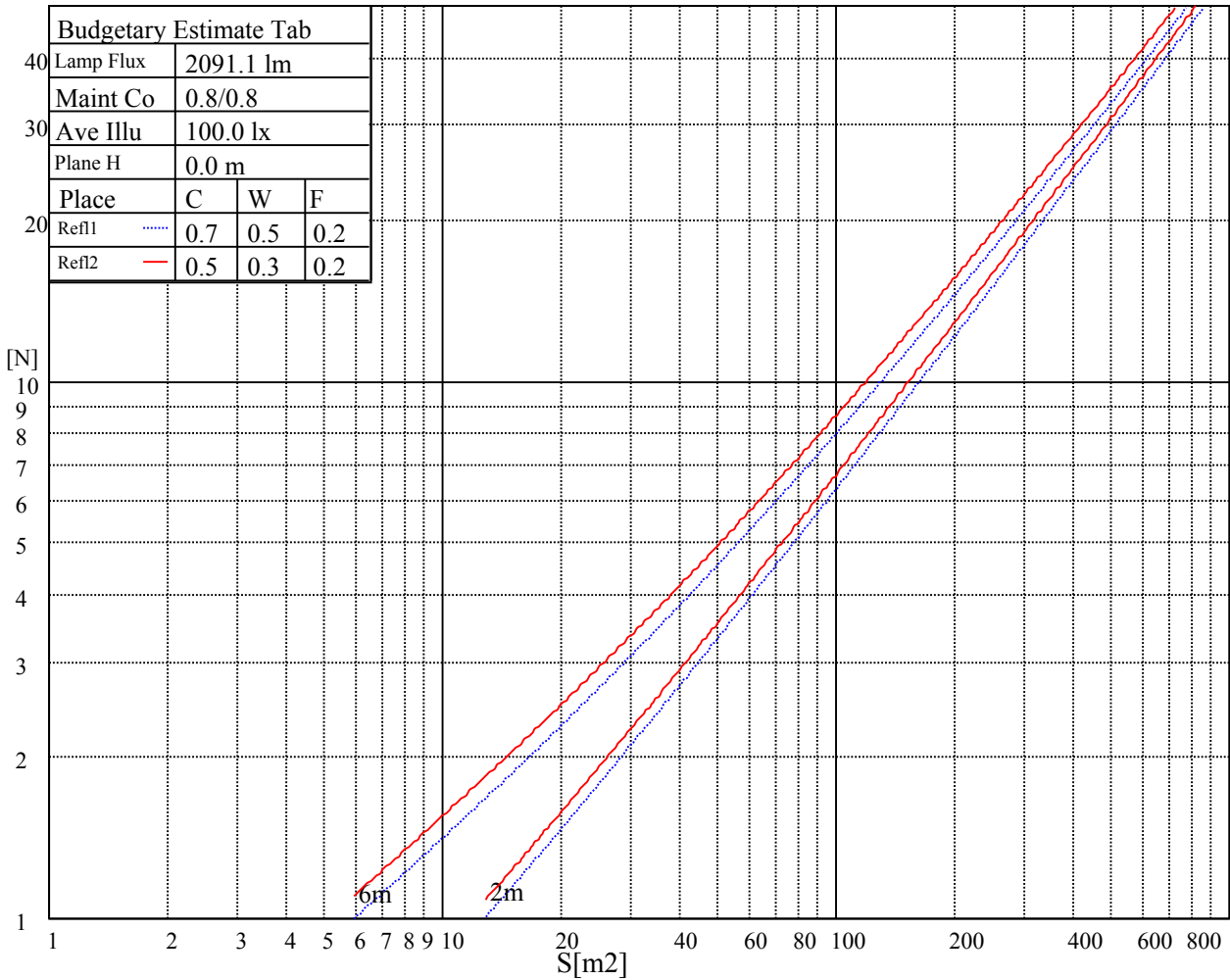
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

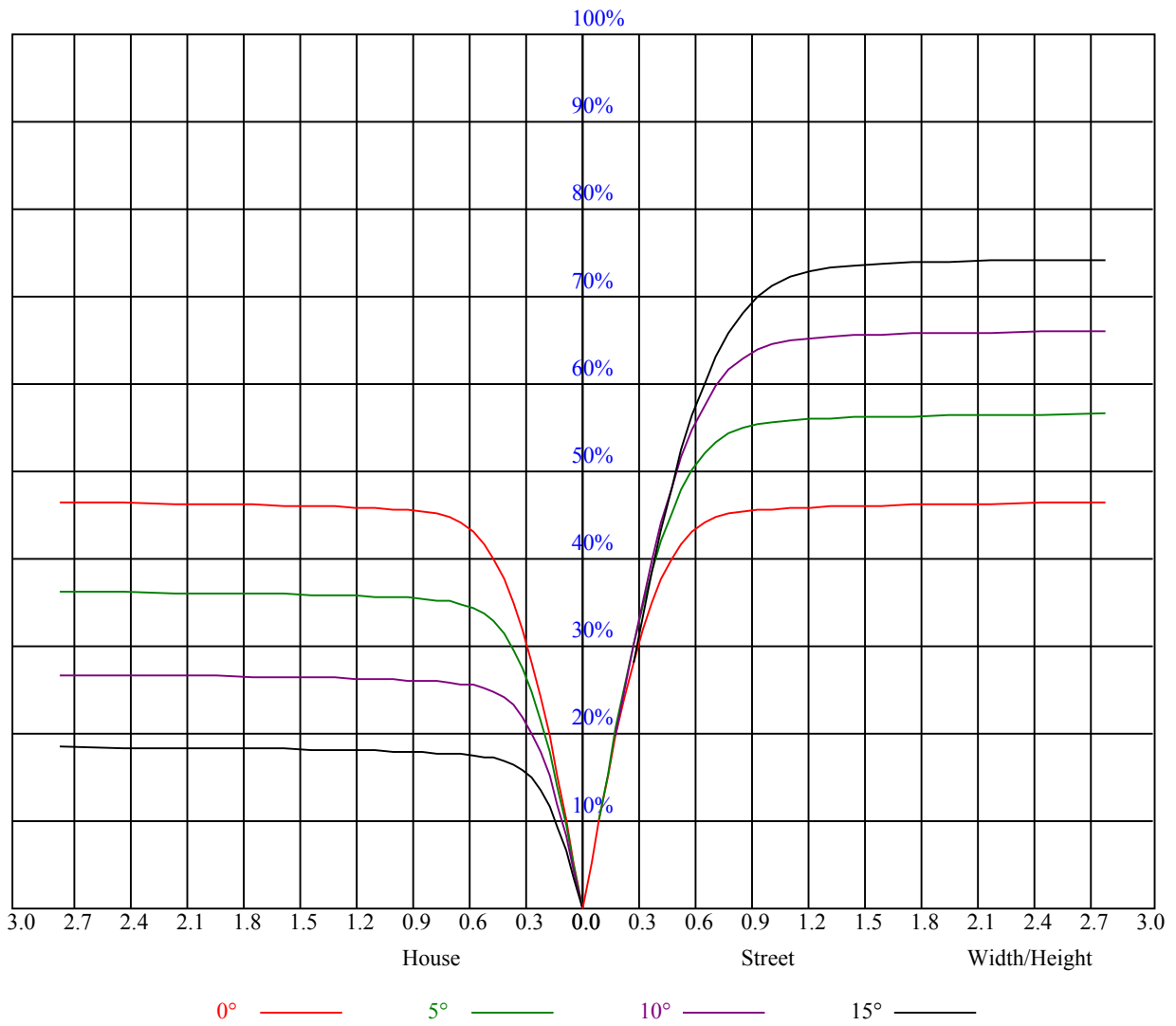


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
4H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
12H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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=20 CU															
0	1.11	1.11	1.11	1.09	1.09	1.09	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.04	1.01	0.99	1.02	1.00	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.93	0.90	0.95	0.92	0.89	0.92	0.90	0.87	0.90	0.88	0.86	0.87	0.85	0.84	0.82
3	0.91	0.87	0.83	0.90	0.86	0.83	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.77
4	0.86	0.81	0.77	0.85	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.74	0.73
5	0.81	0.76	0.72	0.80	0.76	0.72	0.79	0.75	0.71	0.77	0.74	0.71	0.76	0.73	0.70	0.69
6	0.77	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.67	0.74	0.70	0.67	0.72	0.69	0.66	0.65
7	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
8	0.69	0.64	0.61	0.69	0.64	0.61	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.63	0.60	0.59
9	0.66	0.61	0.58	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.56
10	0.63	0.58	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.54	0.61	0.57	0.54	0.53





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	3255.29	3242.00	3246.99	3223.18	3187.76	3146.24	3103.07	3046.05	2968.56
45.0	3243.11	3250.86	3245.88	3254.18	3233.70	3209.35	3177.79	3114.69	3062.11
90.0	3244.77	3239.79	3234.81	3208.24	3188.31	3138.49	3089.23	3043.84	2952.51
135.0	3236.47	3230.38	3219.86	3205.47	3174.47	3135.17	3092.00	3037.20	2975.75
180.0	3255.29	3244.77	3235.36	3223.74	3207.69	3161.74	3125.76	3078.71	3036.64
225.0	3243.11	3236.47	3219.31	3195.51	3156.76	3122.44	3064.87	3011.73	2950.29
270.0	3244.77	3250.31	3242.00	3224.29	3211.01	3182.22	3147.35	3099.75	3047.16
315.0	3236.47	3239.79	3232.04	3227.06	3206.58	3176.13	3131.85	3086.46	3030.55
360.0	3255.29	3242.00	3246.99	3223.18	3187.76	3146.24	3103.07	3046.05	2968.56
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2885.53	2815.23	2723.34	2614.30	2524.07	2435.50	2323.14	2232.91	2117.22
45.0	2998.45	2927.04	2833.50	2748.25	2660.79	2558.94	2472.59	2392.88	2281.62
90.0	2886.63	2807.48	2706.74	2620.94	2541.23	2445.47	2359.12	2265.57	2179.77
135.0	2910.44	2847.33	2751.57	2672.42	2586.06	2512.44	2439.38	2327.56	2244.53
180.0	2958.04	2891.62	2824.64	2753.79	2653.60	2567.24	2494.73	2395.09	2309.85
225.0	2882.76	2799.18	2720.57	2641.97	2556.17	2458.75	2374.06	2284.39	2183.09
270.0	2997.34	2910.44	2842.91	2746.04	2664.67	2578.32	2492.52	2391.22	2301.55
315.0	2967.45	2872.80	2803.05	2714.49	2605.44	2504.14	2400.63	2317.60	2232.91
360.0	2885.53	2815.23	2723.34	2614.30	2524.07	2435.50	2323.14	2232.91	2117.22
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2024.23	1930.12	1833.26	1710.92	1612.40	1507.22	1408.14	1219.94	1088.14
45.0	2186.97	2095.63	1981.05	1879.75	1783.99	1686.02	1550.40	1451.32	1352.23
90.0	2071.28	1977.18	1879.20	1779.01	1650.59	1550.40	1425.85	1331.20	1080.06
135.0	2143.79	2062.97	1969.43	1845.99	1753.55	1653.36	1527.70	1424.19	1324.00
180.0	2239.55	2141.02	2057.99	1973.85	1856.50	1750.23	1649.48	1553.17	1428.62
225.0	2106.70	2012.05	1896.36	1797.28	1703.73	1589.15	1492.28	1393.75	1231.56
270.0	2214.64	2120.54	2012.60	1915.18	1819.97	1698.19	1602.43	1507.78	1391.53
315.0	2114.45	2018.69	1925.14	1825.51	1728.08	1606.86	1509.99	1409.80	1312.38
360.0	2024.23	1930.12	1833.26	1710.92	1612.40	1507.22	1408.14	1219.94	1088.14
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1088.14	988.45	858.76	754.86	651.73	528.74	444.05	365.56	279.87
45.0	1251.49	1120.30	1021.77	918.26	788.73	686.88	566.77	479.31	398.49
90.0	1080.06	1006.88	907.41	781.76	683.12	589.35	501.67	420.69	328.97
135.0	1223.26	1102.03	1002.95	900.55	798.14	674.15	578.94	494.81	397.38
180.0	1327.32	1228.24	1128.05	996.86	888.92	782.09	652.01	556.80	451.08
225.0	1100.48	1075.19	974.44	869.05	734.65	628.48	530.45	421.57	344.35
270.0	1289.13	1189.49	1063.84	963.10	855.71	746.66	613.82	520.82	433.92
315.0	1086.37	1086.37	984.96	856.60	753.03	651.62	531.12	444.43	348.34
360.0	1088.14	988.45	858.76	754.86	651.73	528.74	444.05	365.56	279.87
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	224.35	178.96	135.12	109.77	90.28	75.67	61.89	53.91	47.60
45.0	324.87	291.66	291.66	153.61	123.27	95.65	79.65	67.31	58.18
90.0	265.92	212.50	169.33	127.09	102.07	83.31	66.70	57.29	48.71
135.0	325.98	294.43	294.43	157.04	125.65	96.76	79.60	66.54	57.12
180.0	376.35	309.37	293.87	225.51	148.62	119.12	96.98	76.50	64.27
225.0	277.60	208.57	165.51	131.52	100.52	83.03	70.19	58.01	50.76
270.0	355.31	287.23	287.23	167.67	125.54	100.91	79.32	66.87	57.51
315.0	281.47	224.90	178.52	141.26	106.89	87.57	73.34	62.60	52.92
360.0	224.35	178.96	135.12	109.77	90.28	75.67	61.89	53.91	47.60

Intensity data(cd)

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	42.62	37.64	34.26	30.89	28.67	26.79	24.80	23.47	22.31
45.0	49.65	44.34	38.97	35.32	32.33	29.28	27.29	25.63	23.86
90.0	43.40	39.19	34.82	31.99	29.61	27.51	25.46	23.97	22.81
135.0	48.71	43.62	39.36	35.87	32.16	29.72	27.68	25.52	24.13
180.0	55.19	46.88	41.79	37.81	33.65	31.00	28.67	26.24	24.69
225.0	45.06	40.41	35.87	32.94	30.39	28.23	26.07	24.63	23.08
270.0	50.43	43.67	39.30	35.76	32.71	29.56	27.46	25.74	24.24
315.0	46.94	41.18	37.36	34.15	30.89	28.67	26.79	24.85	23.47
360.0	42.62	37.64	34.26	30.89	28.67	26.79	24.80	23.47	22.31
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.09	20.26	19.48	18.76	17.99	17.44	16.88	16.38	15.83
45.0	22.69	21.64	20.76	19.71	18.99	18.38	17.77	17.05	16.55
90.0	21.70	20.54	19.71	18.99	18.21	17.55	16.88	16.38	15.94
135.0	22.58	21.48	20.54	19.54	18.82	18.16	17.55	16.88	16.38
180.0	23.30	21.86	20.87	20.04	19.26	18.43	17.82	17.21	16.77
225.0	21.98	21.03	19.98	19.26	18.60	17.99	17.33	16.83	16.33
270.0	22.69	21.64	20.70	19.65	18.99	18.16	17.60	17.10	16.50
315.0	22.31	21.31	20.20	19.43	18.71	18.10	17.38	16.83	16.38
360.0	21.09	20.26	19.48	18.76	17.99	17.44	16.88	16.38	15.83
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.44	15.00	14.56	14.17	13.73	13.34	13.06	12.79	12.34
45.0	16.11	15.55	15.11	14.67	14.28	13.95	13.62	13.17	12.84
90.0	15.50	15.00	14.61	14.28	13.89	13.45	13.12	12.84	12.45
135.0	15.94	15.55	15.11	14.61	14.28	13.89	13.51	13.17	12.79
180.0	16.22	15.78	15.39	14.89	14.56	14.12	13.78	13.45	13.12
225.0	15.89	15.39	15.00	14.67	14.23	13.89	13.51	13.17	12.90
270.0	16.05	15.61	15.28	14.78	14.45	14.12	13.78	13.40	13.12
315.0	15.83	15.39	14.89	14.50	14.17	13.84	13.45	13.06	12.79
360.0	15.44	15.00	14.56	14.17	13.73	13.34	13.06	12.79	12.34
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.07	11.73	11.46	11.07	10.79	10.52	10.13	9.91	9.63
45.0	12.51	12.18	11.85	11.51	11.18	10.90	10.57	10.30	9.96
90.0	12.12	11.79	11.46	11.13	10.85	10.46	10.24	9.96	9.63
135.0	12.51	12.12	11.79	11.46	11.18	10.90	10.57	10.30	9.96
180.0	12.79	12.45	12.18	11.85	11.46	11.18	10.90	10.63	10.19
225.0	12.57	12.18	11.90	11.57	11.29	10.96	10.63	10.35	9.96
270.0	12.79	12.40	12.12	11.79	11.46	11.18	10.90	10.46	10.19
315.0	12.51	12.07	11.79	11.51	11.13	10.85	10.52	10.13	9.91
360.0	12.07	11.73	11.46	11.07	10.79	10.52	10.13	9.91	9.63
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	9.35	9.13	8.91	8.69	8.52	8.36	8.19	7.92	8.19
45.0	9.69	9.41	9.13	8.91	8.69	8.52	8.41	8.25	8.08
90.0	9.35	9.13	8.97	8.69	8.52	8.41	8.19	8.08	8.14
135.0	9.74	9.41	9.08	8.91	8.64	8.47	8.36	8.14	7.92
180.0	9.96	9.69	9.35	9.13	8.91	8.69	8.47	8.30	8.14
225.0	9.74	9.47	9.19	9.02	8.75	8.52	8.36	8.19	8.08
270.0	9.96	9.63	9.35	9.08	8.91	8.69	8.47	8.25	8.14
315.0	9.63	9.41	9.13	8.91	8.69	8.52	8.30	8.14	7.97
360.0	9.35	9.13	8.91	8.69	8.52	8.36	8.19	7.92	8.19

Intensity data(cd)

<b>C/γ(°)</b>	<b>90.0</b>
<b>0.0</b>	<b>8.08</b>
<b>45.0</b>	<b>8.14</b>
<b>90.0</b>	<b>8.08</b>
<b>135.0</b>	<b>7.92</b>
<b>180.0</b>	<b>8.03</b>
<b>225.0</b>	<b>7.97</b>
<b>270.0</b>	<b>7.97</b>
<b>315.0</b>	<b>7.92</b>
<b>360.0</b>	<b>8.08</b>