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NT

Client:

LumCAT: 1-1379-L

Luminaire: 92.70.428.00

Report No: 20231205-B005

Ballast type: AC

Test No: 20231205-C005

Voltage(V): 18.370

LampCAT: CREE CXA1512 LES8.9

Current(A): 0.482

Lamp flux(lm): 1208.2

Power (W): 8.854

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1102.21, Efficiency(%): 91.23% , Luminous Efficacy(lm/W): 124.49

Central intensity(cd): 2661.401, Maximum intensity(cd): 2661.401

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=35.4

[C90/270]Total=35.4

Field angle(10%Imax): [C0/180]Total=60.4

[C90/270]Total=60.4

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.58 C90_270=0.58

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.23%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.974%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2661.401	0.000	0	0.00%	0.00%
1.0	2659.118	2.546	2.546	0.21%	0.23%
2.0	2656.142	7.629	10.175	0.63%	0.92%
3.0	2649.569	12.690	22.864	1.05%	2.07%
4.0	2626.943	17.662	40.526	1.46%	3.68%
5.0	2588.749	22.438	62.964	1.86%	5.71%
6.0	2541.768	26.962	89.926	2.23%	8.16%
7.0	2484.961	31.201	121.127	2.58%	10.99%
8.0	2417.499	35.086	156.213	2.90%	14.17%
9.0	2347.477	38.618	194.831	3.20%	17.68%
10.0	2261.333	41.708	236.539	3.45%	21.46%
11.0	2170.968	44.288	280.826	3.67%	25.48%
12.0	2066.419	46.321	327.147	3.83%	29.68%
13.0	1961.939	47.806	374.954	3.96%	34.02%
14.0	1849.502	48.786	423.74	4.04%	38.44%
15.0	1721.151	49.020	472.759	4.06%	42.89%
16.0	1591.070	48.533	521.293	4.02%	47.30%
17.0	1464.449	47.583	568.875	3.94%	51.61%
18.0	1268.961	45.068	613.943	3.73%	55.70%
19.0	1192.967	42.833	656.776	3.55%	59.59%
20.0	1092.860	41.837	698.613	3.46%	63.38%
21.0	978.036	39.765	738.378	3.29%	66.99%
22.0	866.284	37.062	775.44	3.07%	70.35%
23.0	769.297	34.319	809.759	2.84%	73.47%
24.0	672.712	31.528	841.287	2.61%	76.33%
25.0	588.222	28.671	869.958	2.37%	78.93%
26.0	510.609	25.938	895.896	2.15%	81.28%
27.0	438.836	23.228	919.124	1.92%	83.39%
28.0	377.055	20.657	939.781	1.71%	85.26%
29.0	316.180	18.137	957.918	1.50%	86.91%
30.0	271.073	15.856	973.774	1.31%	88.35%
31.0	239.584	14.211	987.984	1.18%	89.64%
32.0	200.691	12.613	1000.598	1.04%	90.78%
33.0	152.229	10.397	1010.995	0.86%	91.72%
34.0	126.905	8.447	1019.442	0.70%	92.49%
35.0	103.788	7.164	1026.607	0.59%	93.14%
36.0	85.238	6.019	1032.625	0.50%	93.69%
37.0	71.122	5.100	1037.725	0.42%	94.15%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	59.408	4.357	1042.082	0.36%	94.54%
39.0	49.452	3.716	1045.798	0.31%	94.88%
40.0	42.124	3.194	1048.992	0.26%	95.17%
41.0	36.347	2.794	1051.786	0.23%	95.42%
42.0	32.098	2.487	1054.273	0.21%	95.65%
43.0	28.556	2.247	1056.519	0.19%	95.85%
44.0	25.753	2.050	1058.569	0.17%	96.04%
45.0	23.428	1.890	1060.459	0.16%	96.21%
46.0	21.505	1.757	1062.216	0.15%	96.37%
47.0	19.990	1.650	1063.867	0.14%	96.52%
48.0	18.550	1.558	1065.425	0.13%	96.66%
49.0	17.367	1.475	1066.9	0.12%	96.80%
50.0	16.357	1.406	1068.306	0.12%	96.92%
51.0	15.513	1.348	1069.654	0.11%	97.05%
52.0	14.627	1.293	1070.948	0.11%	97.16%
53.0	13.908	1.241	1072.189	0.10%	97.28%
54.0	13.264	1.198	1073.386	0.10%	97.38%
55.0	12.711	1.159	1074.546	0.10%	97.49%
56.0	12.199	1.126	1075.671	0.09%	97.59%
57.0	11.728	1.094	1076.765	0.09%	97.69%
58.0	11.292	1.065	1077.83	0.09%	97.79%
59.0	10.891	1.037	1078.867	0.09%	97.88%
60.0	10.545	1.013	1079.88	0.08%	97.97%
61.0	10.227	0.991	1080.871	0.08%	98.06%
62.0	9.888	0.969	1081.84	0.08%	98.15%
63.0	9.632	0.949	1082.789	0.08%	98.24%
64.0	9.355	0.932	1083.721	0.08%	98.32%
65.0	9.113	0.914	1084.635	0.08%	98.41%
66.0	8.863	0.897	1085.532	0.07%	98.49%
67.0	8.635	0.880	1086.412	0.07%	98.57%
68.0	8.414	0.864	1087.275	0.07%	98.64%
69.0	8.213	0.848	1088.124	0.07%	98.72%
70.0	8.006	0.833	1088.957	0.07%	98.80%
71.0	7.819	0.818	1089.775	0.07%	98.87%
72.0	7.604	0.802	1090.576	0.07%	98.94%
73.0	7.410	0.785	1091.362	0.06%	99.02%
74.0	7.224	0.769	1092.131	0.06%	99.09%
75.0	7.030	0.753	1092.884	0.06%	99.15%

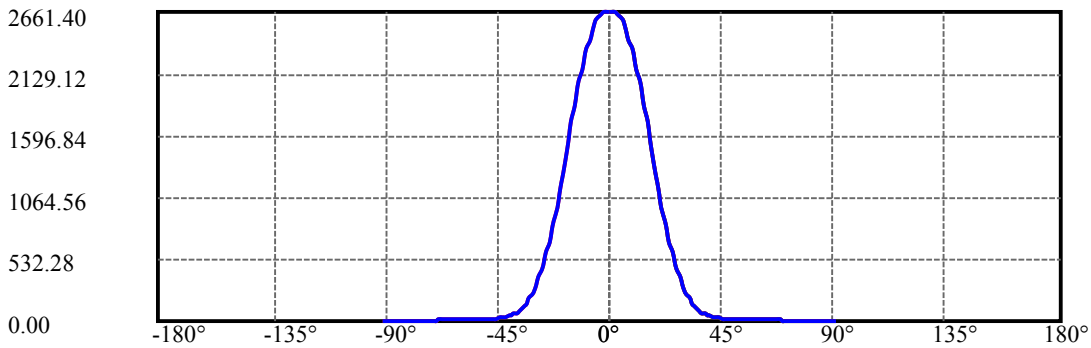
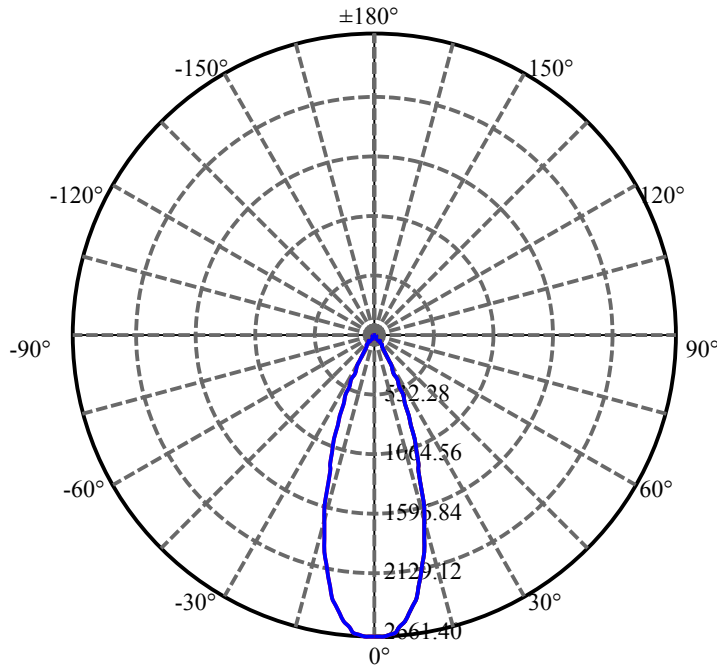
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.822	0.735	1093.619	0.06%	99.22%
77.0	6.615	0.716	1094.336	0.06%	99.29%
78.0	6.428	0.698	1095.034	0.06%	99.35%
79.0	6.255	0.681	1095.715	0.06%	99.41%
80.0	6.089	0.665	1096.381	0.06%	99.47%
81.0	5.909	0.649	1097.03	0.05%	99.53%
82.0	5.757	0.633	1097.662	0.05%	99.59%
83.0	5.598	0.617	1098.28	0.05%	99.64%
84.0	5.459	0.602	1098.882	0.05%	99.70%
85.0	5.307	0.588	1099.47	0.05%	99.75%
86.0	5.182	0.573	1100.043	0.05%	99.80%
87.0	5.058	0.560	1100.603	0.05%	99.85%
88.0	4.961	0.549	1101.152	0.05%	99.90%
89.0	4.802	0.535	1101.687	0.04%	99.95%
90.0	4.781	0.525	1102.213	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	973.77	80.60%	88.35%
0-40	1048.99	86.82%	95.17%
0-60	1079.88	89.38%	97.97%
0-90	1101.69	91.18%	99.95%
0-120	1101.69	91.18%	99.95%
0-180	1102.21	91.23%	100.00%
60-90	21.81	1.80%	1.98%
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%
0-25.46	881.77	72.98%	80.00%

ZONAL LUMEN SUMMARY

0-10	236.54
10-20	462.07
20-30	275.16
30-40	75.22
40-50	19.31
50-60	11.57
60-70	9.08
70-80	7.42
80-90	5.31
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



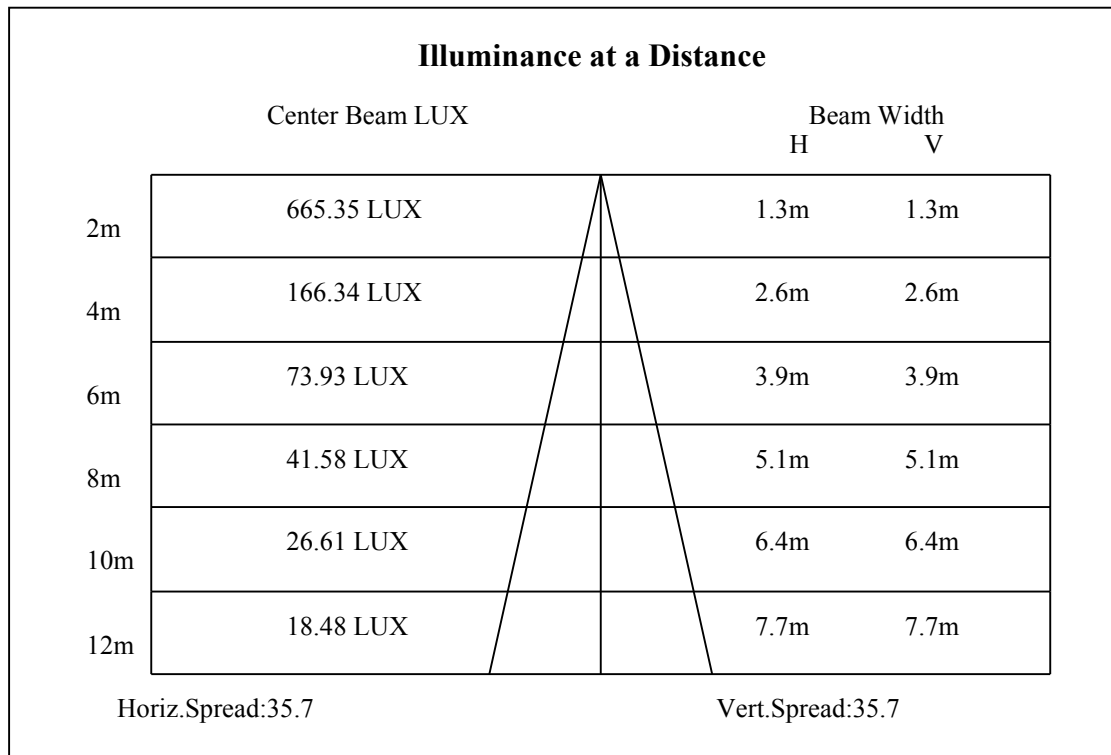
C0(Max): —————

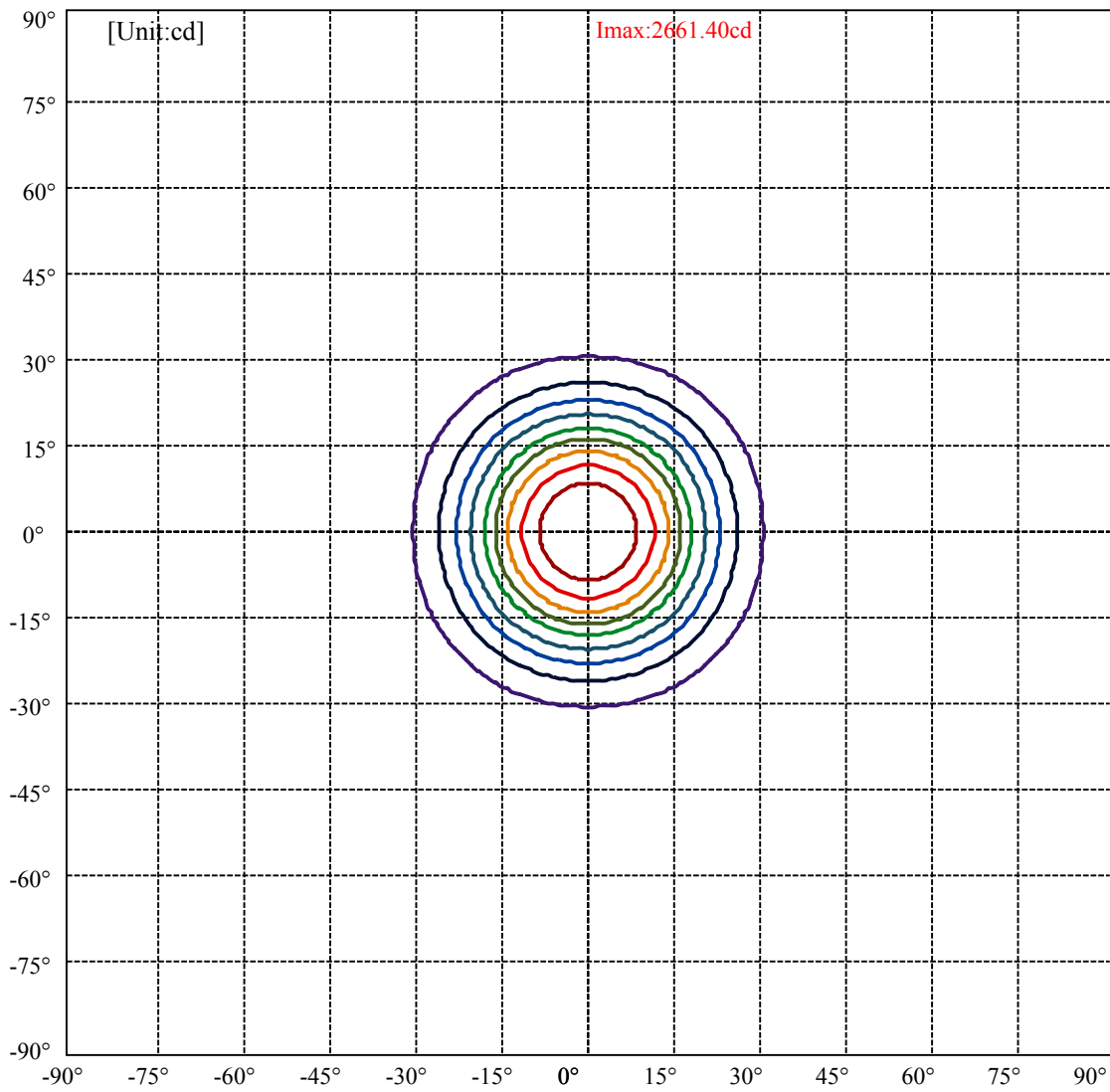
C0/C180: —————

C90/C270: —————

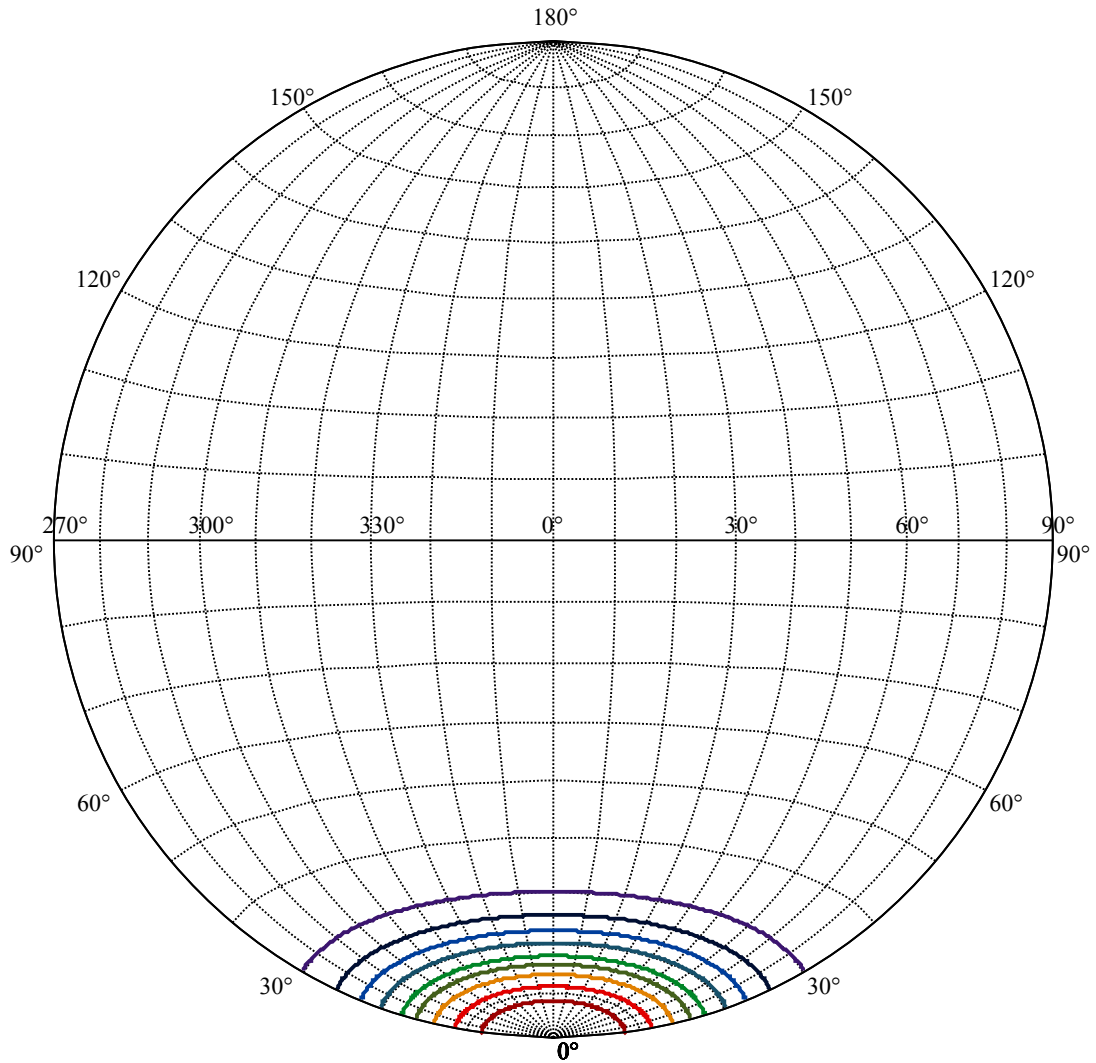
Field angle(10%Imax):C0/180Left:30.2 Right:30.2
:C90/270Left:30.2 Right:30.2

Beam Angle(50%Imax):C0/180Left:17.7 Right:17.7
:C90/270Left:17.7 Right:17.7





(10%Imax) 266.14	—
(20%Imax) 532.28	—
(30%Imax) 798.42	—
(40%Imax) 1064.56	—
(50%Imax) 1330.7	—
(60%Imax) 1596.84	—
(70%Imax) 1862.98	—
(80%Imax) 2129.12	—
(90%Imax) 2395.26	—



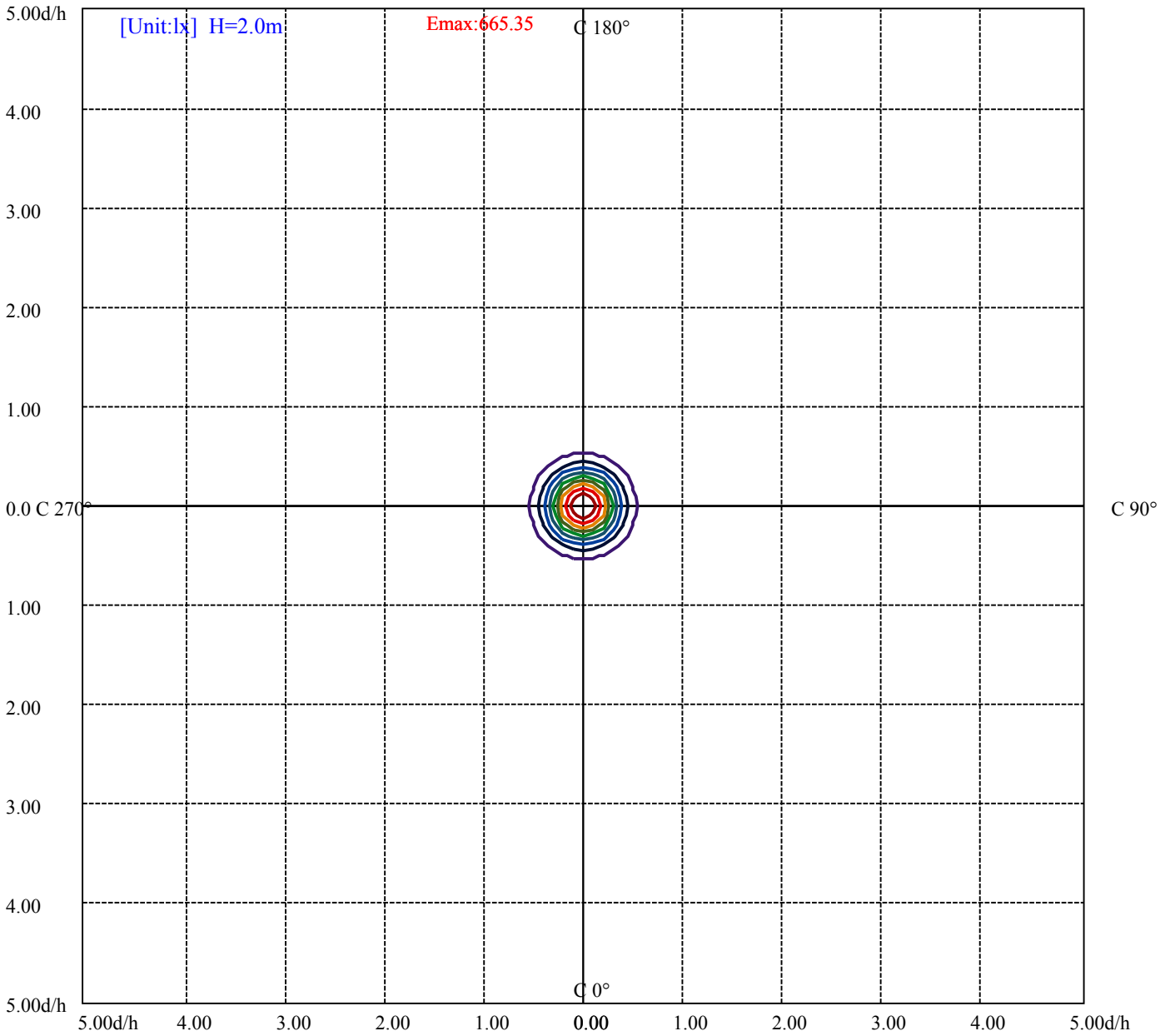
House

[Unit:cd]

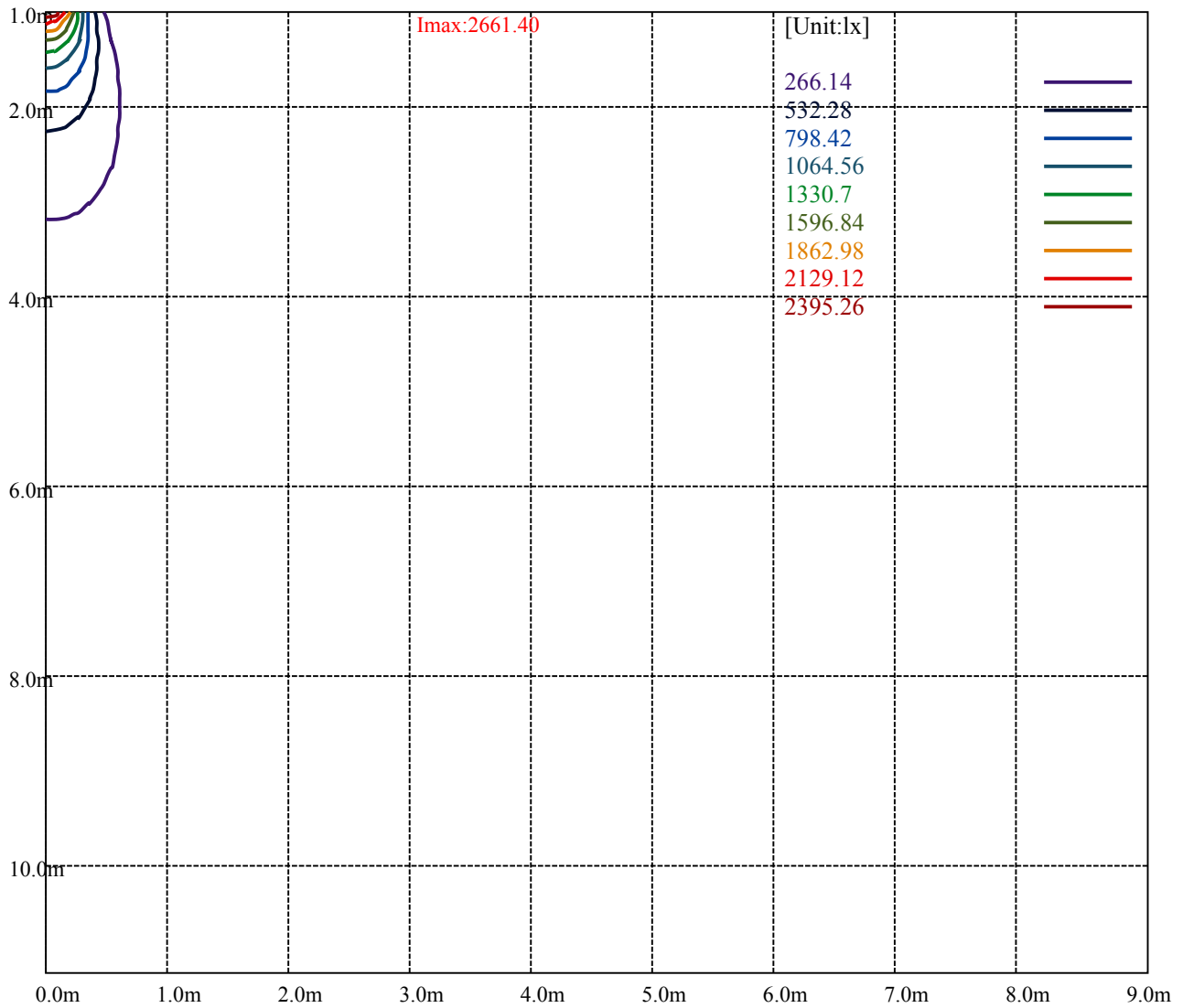
Road

Imax:2661.40

- (10%Imax) 266.14
- (20%Imax) 532.28
- (30%Imax) 798.42
- (40%Imax) 1064.56
- (50%Imax) 1330.7
- (60%Imax) 1596.84
- (70%Imax) 1862.98
- (80%Imax) 2129.12
- (90%Imax) 2395.26



(10%Emax) 66.535	—
(20%Emax) 133.07	—
(30%Emax) 199.605	—
(40%Emax) 266.14	—
(50%Emax) 332.675	—
(60%Emax) 399.21	—
(70%Emax) 465.745	—
(80%Emax) 532.28	—
(90%Emax) 598.815	—



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(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

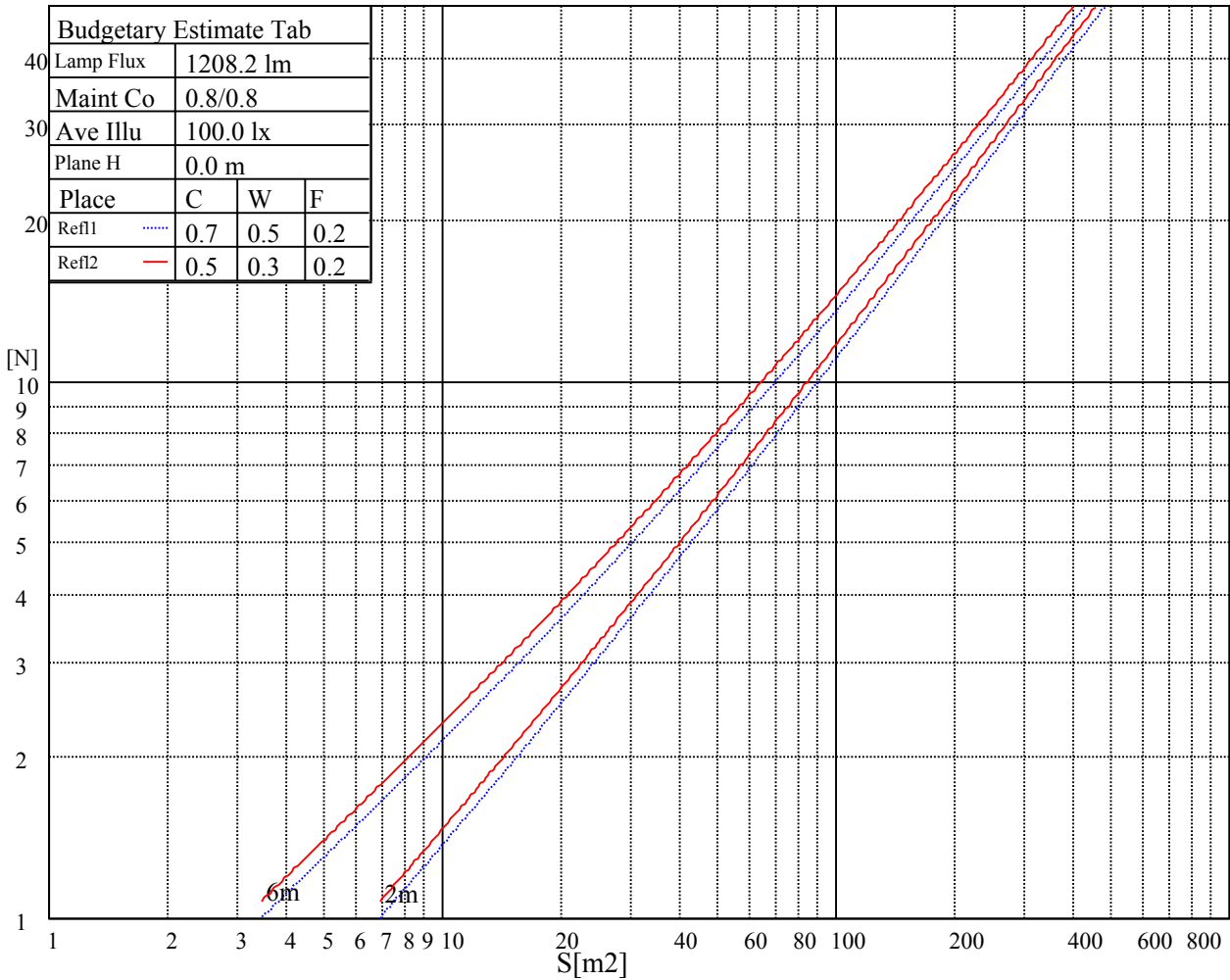
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

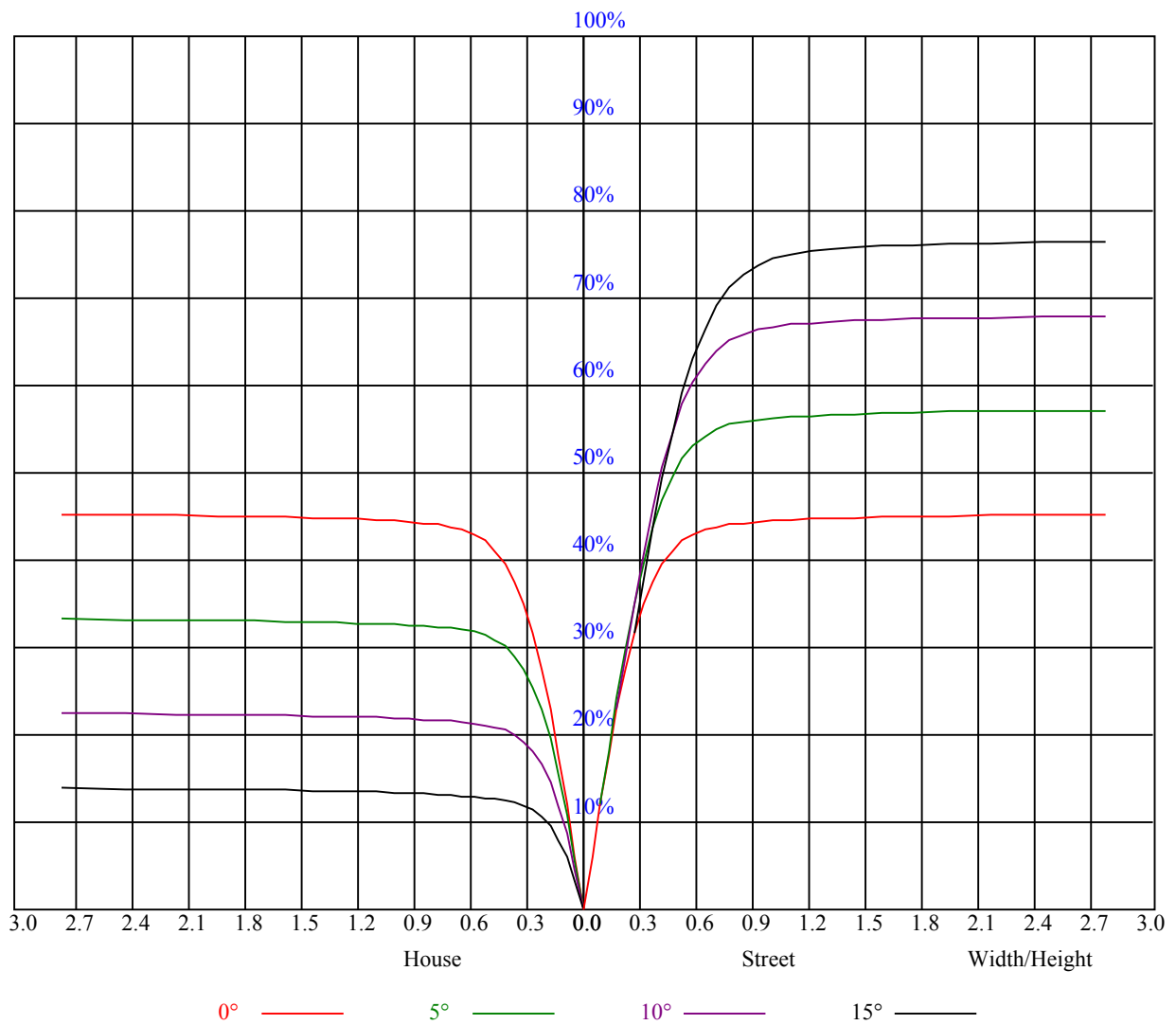


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOFC=20 CU															
0	1.09	1.09	1.09	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.02	1.00	0.98	1.00	0.98	0.96	0.96	0.95	0.93	0.93	0.92	0.90	0.90	0.89	0.88	0.86
2	0.96	0.93	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.79	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.76	0.80	0.77	0.75	0.74
5	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
6	0.78	0.74	0.71	0.78	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
7	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
8	0.72	0.67	0.64	0.71	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.62
9	0.69	0.65	0.62	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.60
10	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.58



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	2665.83	2665.28	2665.83	2640.37	2594.42	2537.96	2483.16	2427.26	2344.78
45.0	2665.83	2665.83	2662.51	2658.63	2640.92	2606.60	2563.98	2502.54	2448.29
90.0	2660.29	2645.90	2639.81	2627.08	2591.66	2556.23	2494.23	2435.00	2371.90
135.0	2653.65	2653.65	2647.01	2645.35	2629.85	2592.76	2550.14	2498.11	2426.70
180.0	2665.83	2664.72	2664.17	2659.19	2656.42	2635.94	2598.85	2556.23	2499.77
225.0	2665.83	2661.40	2656.97	2653.10	2624.87	2582.25	2534.64	2453.83	2385.74
270.0	2660.29	2664.72	2656.42	2655.31	2649.22	2608.82	2578.37	2530.77	2452.16
315.0	2653.65	2651.44	2656.42	2657.53	2628.19	2589.44	2530.77	2475.97	2410.65
360.0	2665.83	2665.28	2665.83	2640.37	2594.42	2537.96	2483.16	2427.26	2344.78
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2272.82	2191.45	2095.69	1967.82	1858.77	1742.53	1621.31	1470.19	1352.84
45.0	2386.85	2298.28	2219.13	2135.54	2014.87	1908.59	1797.88	1651.20	1533.85
90.0	2297.73	2197.54	2108.42	1987.75	1882.02	1770.21	1622.41	1501.19	1384.39
135.0	2361.38	2283.34	2179.82	2090.71	1992.73	1885.34	1744.19	1627.95	1476.83
180.0	2434.45	2349.21	2273.37	2172.63	2083.51	1987.75	1855.45	1735.89	1614.66
225.0	2307.14	2224.11	2108.97	2007.68	1904.72	1794.01	1646.77	1525.55	1405.98
270.0	2382.42	2308.25	2227.43	2106.76	2001.59	1891.99	1780.73	1632.93	1507.83
315.0	2337.03	2238.50	2154.92	2062.48	1957.30	1815.60	1700.46	1583.67	1439.19
360.0	2272.82	2191.45	2095.69	1967.82	1858.77	1742.53	1621.31	1470.19	1352.84
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1092.46	1092.46	983.14	877.74	756.30	664.63	579.72	487.94	421.91
45.0	1420.37	1304.68	1160.21	1049.50	942.12	839.71	717.38	628.82	546.34
90.0	1104.08	1104.08	1023.10	919.92	797.92	707.20	621.95	543.07	453.62
135.0	1362.81	1252.10	1139.73	1004.67	903.37	805.39	693.58	610.00	533.61
180.0	1464.10	1343.43	1221.10	1108.73	976.99	879.02	783.81	693.58	596.71
225.0	1079.12	1079.12	1024.10	894.24	801.02	716.33	618.36	547.11	483.57
270.0	1391.59	1278.67	1130.87	1015.74	897.84	808.16	716.28	622.73	546.34
315.0	1237.15	1089.19	1060.63	953.74	854.71	733.93	650.63	572.52	502.78
360.0	1092.46	1092.46	983.14	877.74	756.30	664.63	579.72	487.94	421.91
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	360.63	308.10	250.42	211.73	177.74	149.40	119.12	99.42	78.93
45.0	451.69	385.81	316.07	279.54	279.54	187.87	151.95	128.25	108.05
90.0	390.35	334.67	274.17	232.87	188.53	159.09	134.07	112.48	90.50
135.0	461.10	383.05	328.25	280.64	280.64	188.31	158.81	128.03	107.05
180.0	526.97	459.43	383.05	328.80	279.54	279.54	187.70	157.76	126.43
225.0	410.72	357.14	308.15	263.59	214.33	179.68	150.12	125.10	99.14
270.0	486.00	422.90	356.48	306.66	282.86	282.86	172.65	144.64	120.50
315.0	423.23	365.33	312.86	264.76	213.50	178.79	143.42	119.56	99.69
360.0	360.63	308.10	250.42	211.73	177.74	149.40	119.12	99.42	78.93
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	66.15	55.80	45.28	38.91	34.04	29.56	26.74	24.36	22.36
45.0	86.63	72.96	61.77	52.92	44.12	38.53	34.15	30.44	26.68
90.0	76.61	65.37	56.02	46.77	41.02	36.53	31.88	28.73	26.13
135.0	89.17	71.24	59.62	50.43	43.12	36.26	32.22	29.01	26.35
180.0	105.12	87.46	73.34	58.95	49.76	42.46	36.70	31.39	28.23
225.0	82.81	69.52	56.02	47.66	39.52	34.71	30.83	27.79	24.85
270.0	95.60	79.76	66.70	53.97	45.83	38.14	33.43	29.72	26.79
315.0	79.82	66.87	56.52	46.00	39.58	34.60	30.83	27.01	24.63
360.0	66.15	55.80	45.28	38.91	34.04	29.56	26.74	24.36	22.36

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	20.76	19.04	17.82	16.77	15.67	14.95	14.23	13.45	12.90
45.0	24.24	21.86	20.31	18.99	17.55	16.55	15.67	14.89	14.00
90.0	23.53	21.81	20.31	18.76	17.60	16.66	15.83	14.78	14.12
135.0	23.58	21.81	20.31	18.65	17.55	16.38	15.55	14.78	14.12
180.0	25.74	23.08	21.42	19.65	18.38	17.33	16.38	15.39	14.61
225.0	22.97	21.31	19.87	18.38	17.27	16.38	15.55	14.56	13.89
270.0	23.91	22.09	20.54	19.15	17.93	16.72	15.83	14.83	14.12
315.0	22.69	21.03	19.32	18.05	16.99	15.89	15.06	14.34	13.51
360.0	20.76	19.04	17.82	16.77	15.67	14.95	14.23	13.45	12.90
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.29	11.85	11.46	11.07	10.63	10.35	10.07	9.80	9.47
45.0	13.40	12.84	12.34	11.79	11.40	11.02	10.63	10.30	9.91
90.0	13.45	12.90	12.29	11.85	11.40	10.90	10.57	10.24	9.85
135.0	13.40	12.84	12.40	11.90	11.46	11.02	10.68	10.30	10.02
180.0	14.00	13.40	12.73	12.23	11.79	11.29	10.90	10.63	10.24
225.0	13.17	12.62	12.18	11.62	11.24	10.85	10.52	10.13	9.85
270.0	13.45	12.79	12.29	11.85	11.35	10.96	10.63	10.35	9.96
315.0	12.95	12.45	11.90	11.51	11.07	10.74	10.35	10.07	9.80
360.0	12.29	11.85	11.46	11.07	10.63	10.35	10.07	9.80	9.47
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.24	9.02	8.80	8.58	8.36	8.08	7.97	7.75	7.53
45.0	9.69	9.35	9.19	8.91	8.69	8.52	8.30	8.03	7.86
90.0	9.63	9.35	9.13	8.86	8.64	8.41	8.19	8.03	7.80
135.0	9.74	9.41	9.19	8.97	8.69	8.47	8.25	8.03	7.92
180.0	9.91	9.69	9.35	9.13	8.86	8.64	8.41	8.19	8.03
225.0	9.63	9.35	9.02	8.80	8.64	8.36	8.19	7.97	7.75
270.0	9.69	9.41	9.19	8.91	8.69	8.47	8.25	8.08	7.86
315.0	9.52	9.24	9.02	8.75	8.52	8.36	8.14	7.97	7.80
360.0	9.24	9.02	8.80	8.58	8.36	8.08	7.97	7.75	7.53
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.31	7.14	6.97	6.75	6.53	6.37	6.20	6.03	5.81
45.0	7.69	7.47	7.25	7.09	6.86	6.64	6.48	6.25	6.14
90.0	7.58	7.36	7.25	7.03	6.81	6.59	6.42	6.20	6.09
135.0	7.69	7.53	7.25	7.09	6.92	6.70	6.53	6.31	6.14
180.0	7.80	7.58	7.42	7.25	6.97	6.81	6.59	6.42	6.20
225.0	7.53	7.36	7.14	6.97	6.75	6.53	6.31	6.20	6.03
270.0	7.64	7.47	7.31	7.03	6.86	6.70	6.48	6.31	6.14
315.0	7.58	7.36	7.20	7.03	6.86	6.59	6.42	6.31	6.14
360.0	7.31	7.14	6.97	6.75	6.53	6.37	6.20	6.03	5.81
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.70	5.59	5.42	5.26	5.15	5.04	4.93	4.82	4.76
45.0	5.92	5.76	5.59	5.48	5.31	5.20	5.09	4.98	4.82
90.0	5.92	5.81	5.54	5.42	5.31	5.15	5.04	4.98	4.76
135.0	5.98	5.81	5.65	5.48	5.37	5.20	5.09	4.98	4.82
180.0	6.03	5.87	5.76	5.59	5.42	5.31	5.15	5.04	4.93
225.0	5.81	5.65	5.54	5.42	5.26	5.15	5.04	4.93	4.76
270.0	5.98	5.81	5.65	5.54	5.31	5.20	5.09	4.98	4.82
315.0	5.92	5.76	5.65	5.48	5.31	5.20	5.04	4.98	4.76
360.0	5.70	5.59	5.42	5.26	5.15	5.04	4.93	4.82	4.76

Intensity data(cd)

C/γ(°)	90.0
0.0	4.76
45.0	4.76
90.0	4.82
135.0	4.82
180.0	4.76
225.0	4.76
270.0	4.76
315.0	4.82
360.0	4.76