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NT

Client:

LumCAT: 2-2679-L

Luminaire: 92.70.411.00

Report No: 2024403-B004

Ballast type: AC

Test No: 2024403-C004

Voltage(V): 34.400

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.578

Lamp flux(lm): 3438.0

Power (W): 19.883

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2914.79, Efficiency(%): 84.78% , Luminous Efficacy(lm/W): 146.60

Central intensity(cd): 9587.068, Maximum intensity(cd): 9587.068

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.0

[C90/270]Total=24.0

Field angle(10%Imax): [C0/180]Total=60.8

[C90/270]Total=60.8

Maximum s/h(1/2): C0_180=0.40 C90_270=0.40

Maximum s/h(1/4): C0_180=0.47 C90_270=0.47

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.78%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.905%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/4/03
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	9587.068	0.000	0	0.00%	0.00%
1.0	9504.405	9.135	9.135	0.27%	0.31%
2.0	9244.712	26.911	36.045	0.78%	1.24%
3.0	8882.750	43.355	79.4	1.26%	2.72%
4.0	8439.808	57.984	137.384	1.69%	4.71%
5.0	7987.136	70.668	208.052	2.06%	7.14%
6.0	7485.159	81.311	289.363	2.37%	9.93%
7.0	7010.835	89.976	379.34	2.62%	13.01%
8.0	6533.657	96.935	476.275	2.82%	16.34%
9.0	6083.107	102.252	578.527	2.97%	19.85%
10.0	5640.311	106.093	684.62	3.09%	23.49%
11.0	5227.069	108.587	793.207	3.16%	27.21%
12.0	4799.123	109.601	902.808	3.19%	30.97%
13.0	4415.947	109.360	1012.167	3.18%	34.73%
14.0	4052.888	108.400	1120.568	3.15%	38.44%
15.0	3723.260	106.754	1227.322	3.11%	42.11%
16.0	3416.309	104.615	1331.937	3.04%	45.70%
17.0	3146.374	102.199	1434.136	2.97%	49.20%
18.0	2898.312	99.664	1533.799	2.90%	52.62%
19.0	2676.000	96.982	1630.781	2.82%	55.95%
20.0	2468.976	94.167	1724.948	2.74%	59.18%
21.0	2281.631	91.221	1816.17	2.65%	62.31%
22.0	2113.964	88.331	1904.501	2.57%	65.34%
23.0	1961.001	85.504	1990.005	2.49%	68.27%
24.0	1823.985	82.753	2072.758	2.41%	71.11%
25.0	1695.382	80.023	2152.781	2.33%	73.86%
26.0	1537.606	76.315	2229.096	2.22%	76.48%
27.0	1384.474	71.489	2300.585	2.08%	78.93%
28.0	1246.961	66.622	2367.208	1.94%	81.21%
29.0	1151.547	62.752	2429.959	1.83%	83.37%
30.0	1020.727	58.651	2488.61	1.71%	85.38%
31.0	874.348	52.737	2541.348	1.53%	87.19%
32.0	748.686	46.498	2587.846	1.35%	88.78%
33.0	627.551	40.544	2628.39	1.18%	90.17%
34.0	512.043	34.487	2662.877	1.00%	91.36%
35.0	410.170	28.641	2691.518	0.83%	92.34%
36.0	317.667	23.174	2714.692	0.67%	93.14%
37.0	259.518	18.825	2733.517	0.55%	93.78%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	205.509	15.522	2749.039	0.45%	94.31%
39.0	145.545	11.982	2761.021	0.35%	94.72%
40.0	104.806	8.731	2769.753	0.25%	95.02%
41.0	91.639	6.995	2776.748	0.20%	95.26%
42.0	82.422	6.324	2783.072	0.18%	95.48%
43.0	75.267	5.841	2788.913	0.17%	95.68%
44.0	68.954	5.443	2794.357	0.16%	95.87%
45.0	63.285	5.082	2799.439	0.15%	96.04%
46.0	58.859	4.777	2804.216	0.14%	96.21%
47.0	54.492	4.508	2808.724	0.13%	96.36%
48.0	50.790	4.256	2812.98	0.12%	96.51%
49.0	47.359	4.031	2817.01	0.12%	96.65%
50.0	44.433	3.827	2820.838	0.11%	96.78%
51.0	41.822	3.649	2824.487	0.11%	96.90%
52.0	39.686	3.498	2827.984	0.10%	97.02%
53.0	37.835	3.372	2831.357	0.10%	97.14%
54.0	36.342	3.269	2834.626	0.10%	97.25%
55.0	35.282	3.197	2837.823	0.09%	97.36%
56.0	34.528	3.155	2840.978	0.09%	97.47%
57.0	34.199	3.142	2844.12	0.09%	97.58%
58.0	34.170	3.162	2847.282	0.09%	97.68%
59.0	34.345	3.203	2850.485	0.09%	97.79%
60.0	34.484	3.252	2853.737	0.09%	97.91%
61.0	34.272	3.281	2857.018	0.10%	98.02%
62.0	33.570	3.269	2860.287	0.10%	98.13%
63.0	32.165	3.197	2863.484	0.09%	98.24%
64.0	30.263	3.063	2866.547	0.09%	98.34%
65.0	28.054	2.886	2869.433	0.08%	98.44%
66.0	25.677	2.681	2872.114	0.08%	98.54%
67.0	23.665	2.481	2874.595	0.07%	98.62%
68.0	22.012	2.314	2876.909	0.07%	98.70%
69.0	20.790	2.184	2879.093	0.06%	98.78%
70.0	19.942	2.092	2881.184	0.06%	98.85%
71.0	19.334	2.030	2883.214	0.06%	98.92%
72.0	18.976	1.992	2885.206	0.06%	98.98%
73.0	18.735	1.972	2887.178	0.06%	99.05%
74.0	18.464	1.956	2889.134	0.06%	99.12%
75.0	18.120	1.933	2891.067	0.06%	99.19%

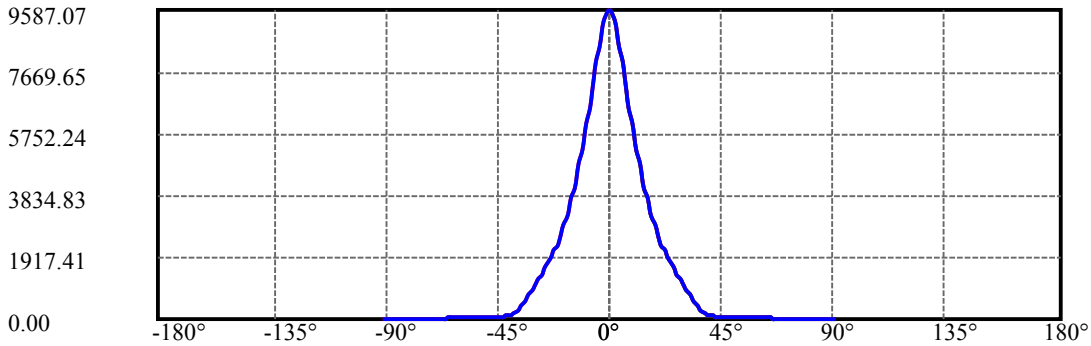
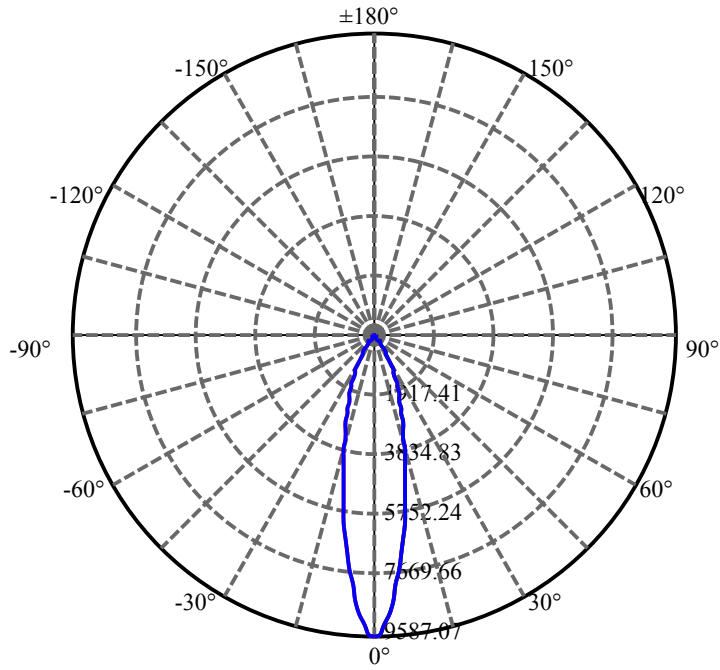
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.718	1.902	2892.969	0.06%	99.25%
77.0	17.191	1.861	2894.831	0.05%	99.32%
78.0	16.576	1.808	2896.638	0.05%	99.38%
79.0	16.013	1.751	2898.389	0.05%	99.44%
80.0	15.413	1.694	2900.084	0.05%	99.50%
81.0	14.879	1.638	2901.722	0.05%	99.55%
82.0	14.426	1.589	2903.311	0.05%	99.61%
83.0	13.987	1.545	2904.855	0.04%	99.66%
84.0	13.665	1.506	2906.362	0.04%	99.71%
85.0	13.343	1.474	2907.836	0.04%	99.76%
86.0	13.036	1.442	2909.278	0.04%	99.81%
87.0	12.758	1.412	2910.689	0.04%	99.86%
88.0	12.538	1.386	2912.075	0.04%	99.91%
89.0	12.363	1.365	2913.44	0.04%	99.95%
90.0	12.312	1.353	2914.793	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2488.61	72.39%	85.38%
0-40	2769.75	80.56%	95.02%
0-60	2853.74	83.01%	97.91%
0-90	2913.44	84.74%	99.95%
0-120	2913.44	84.74%	99.95%
0-180	2914.79	84.78%	100.00%
60-90	59.70	1.74%	2.05%
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%
0-27.47	2331.83	67.83%	80.00%

ZONAL LUMEN SUMMARY

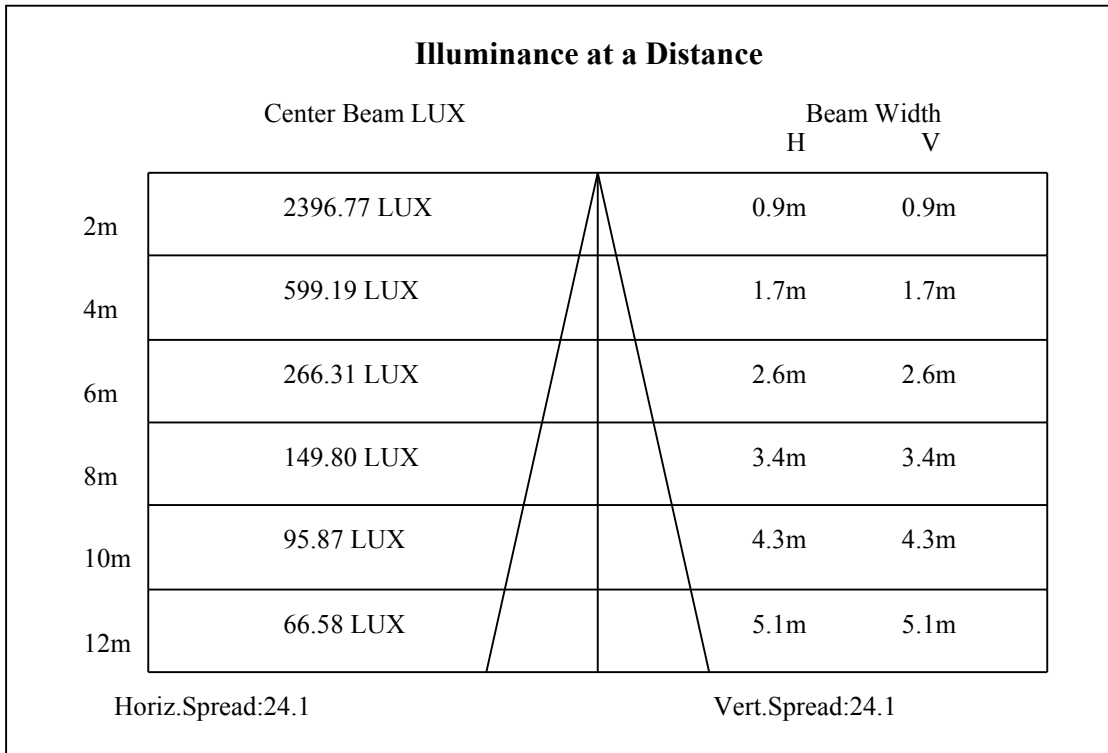
0-10	684.62
10-20	1040.33
20-30	763.66
30-40	281.14
40-50	51.08
50-60	32.90
60-70	27.45
70-80	18.90
80-90	13.36
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

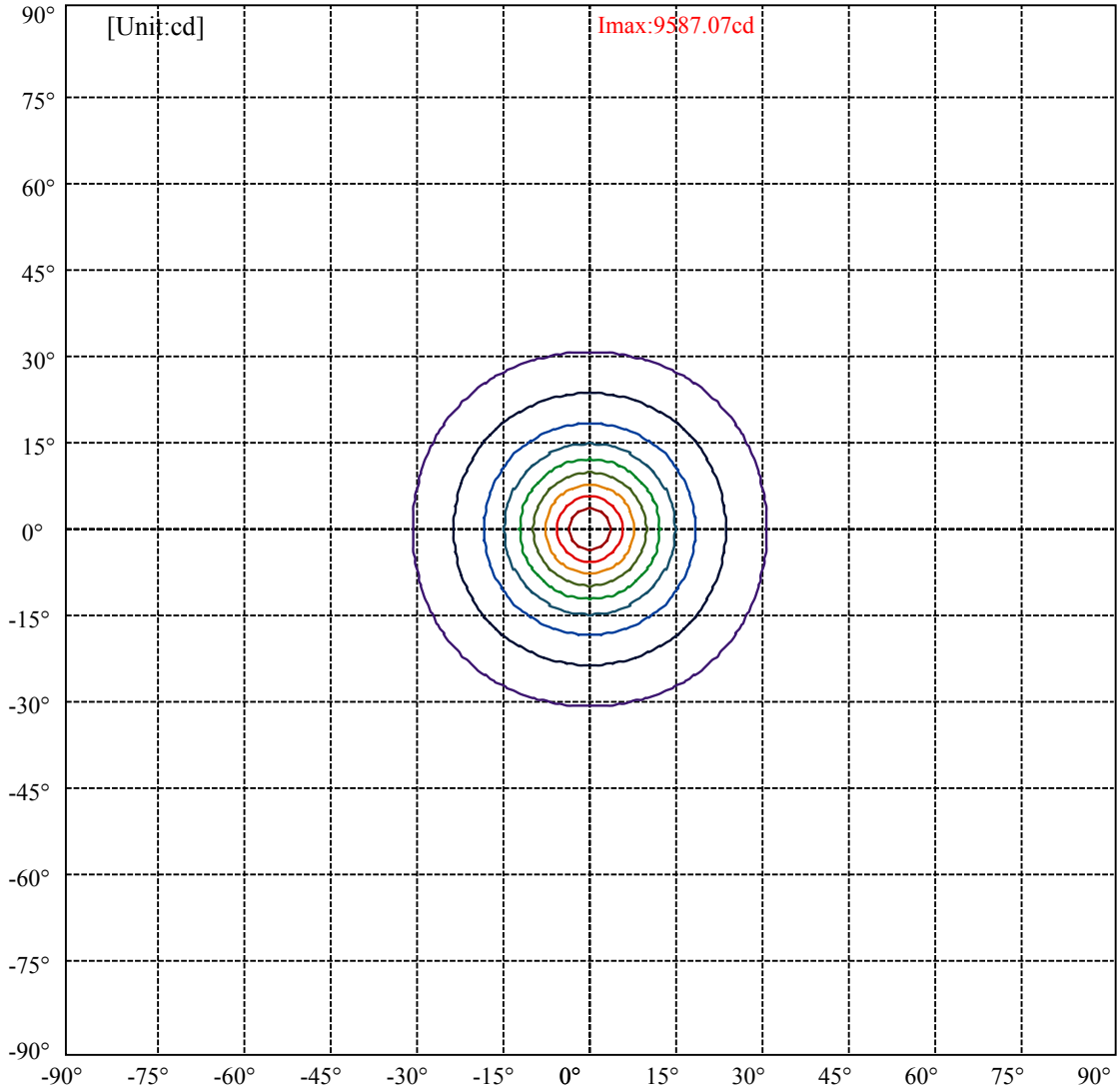


C0(Max): —————
C0/C180: —————
C90/C270: —————

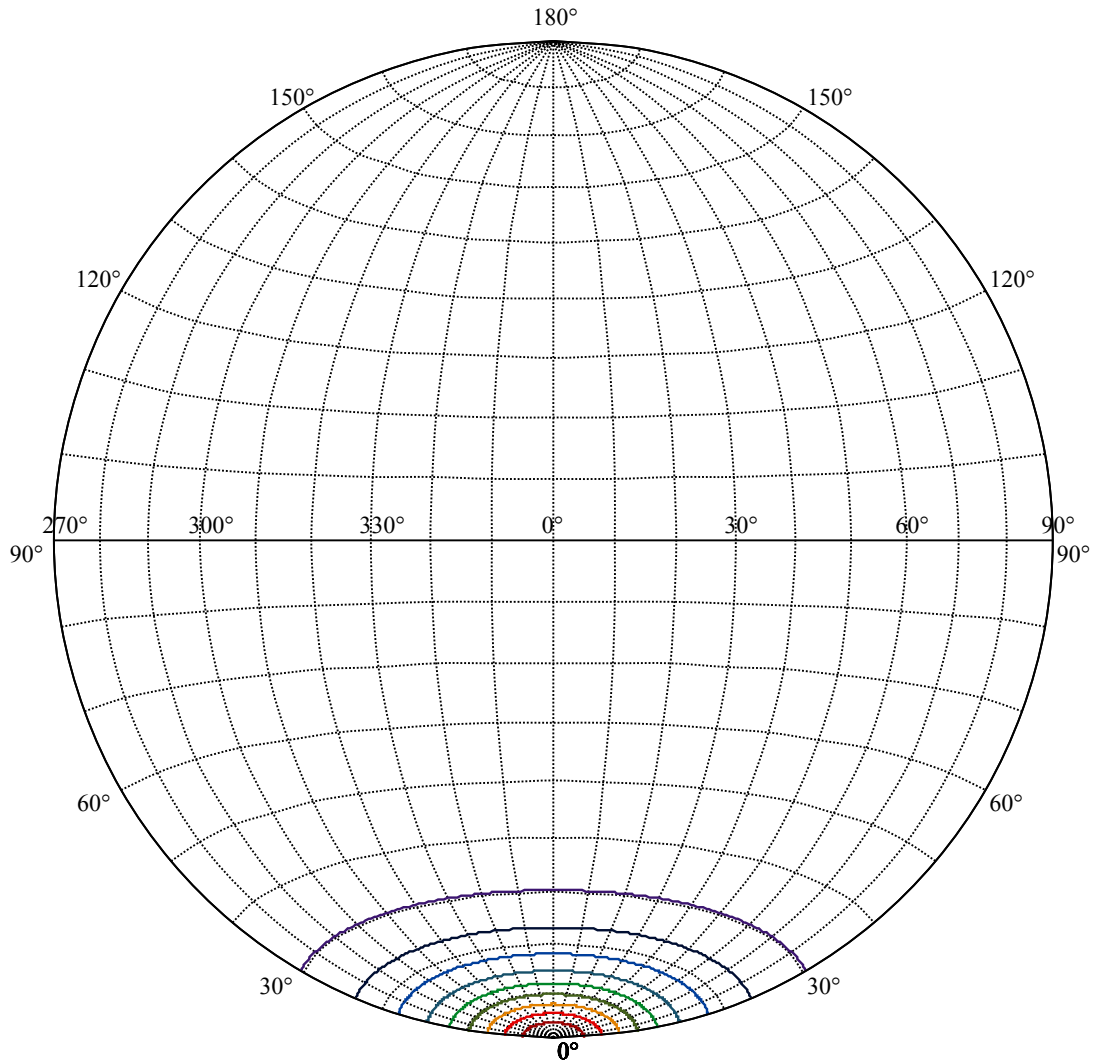
Field angle(10%Imax):C0/180Left:30.4 Right:30.4
:C90/270Left:30.4 Right:30.4

Beam Angle(50%Imax):C0/180Left:12.0 Right:12.0
:C90/270Left:12.0 Right:12.0





(10%Imax) 958.707	—
(20%Imax) 1917.41	—
(30%Imax) 2876.12	—
(40%Imax) 3834.83	—
(50%Imax) 4793.53	—
(60%Imax) 5752.24	—
(70%Imax) 6710.95	—
(80%Imax) 7669.65	—
(90%Imax) 8628.36	—



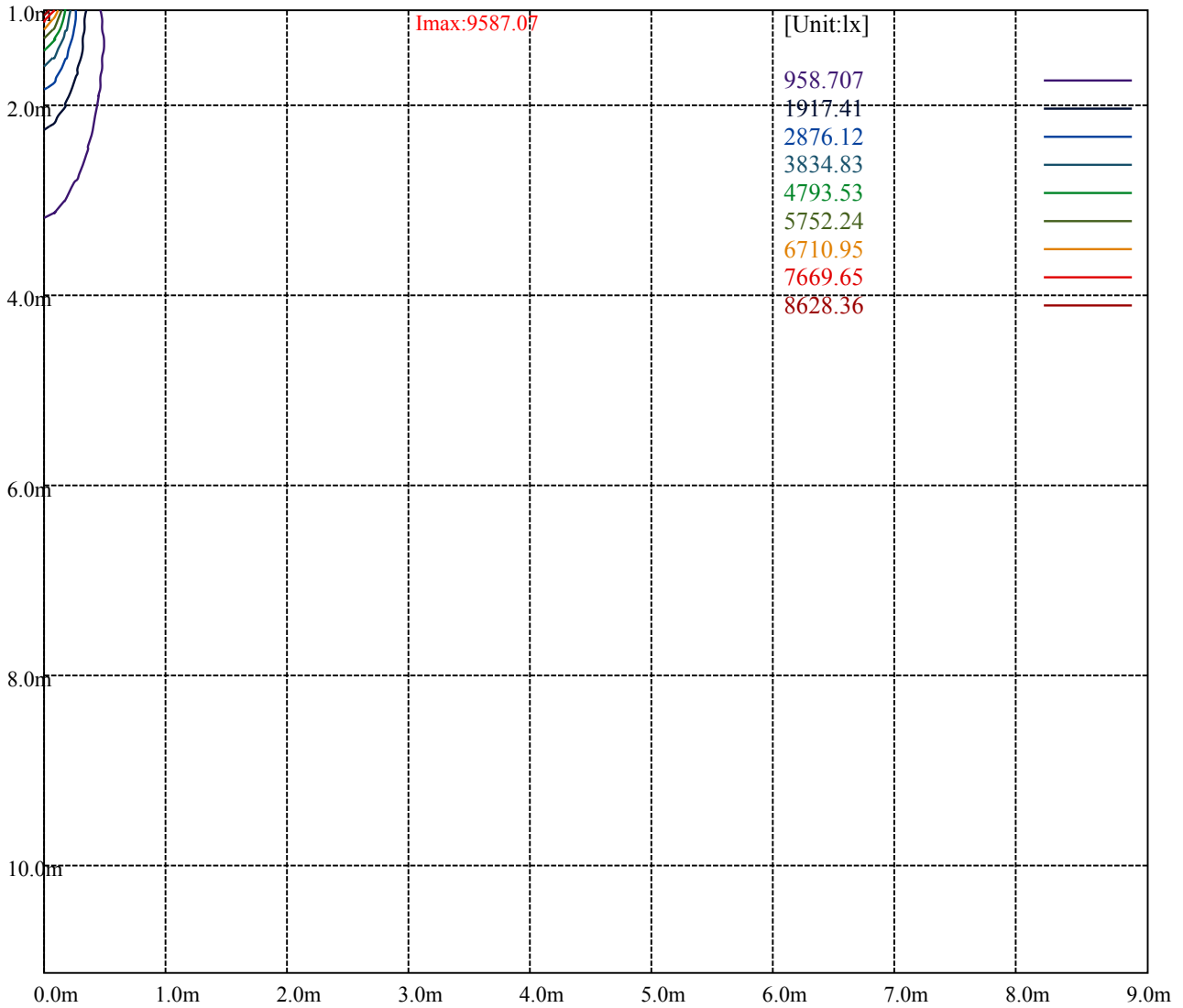
House

[Unit:cd]

Road

Imax:9587.07

(10%Imax) 958.707	—
(20%Imax) 1917.41	—
(30%Imax) 2876.12	—
(40%Imax) 3834.83	—
(50%Imax) 4793.53	—
(60%Imax) 5752.24	—
(70%Imax) 6710.95	—
(80%Imax) 7669.65	—
(90%Imax) 8628.36	—



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

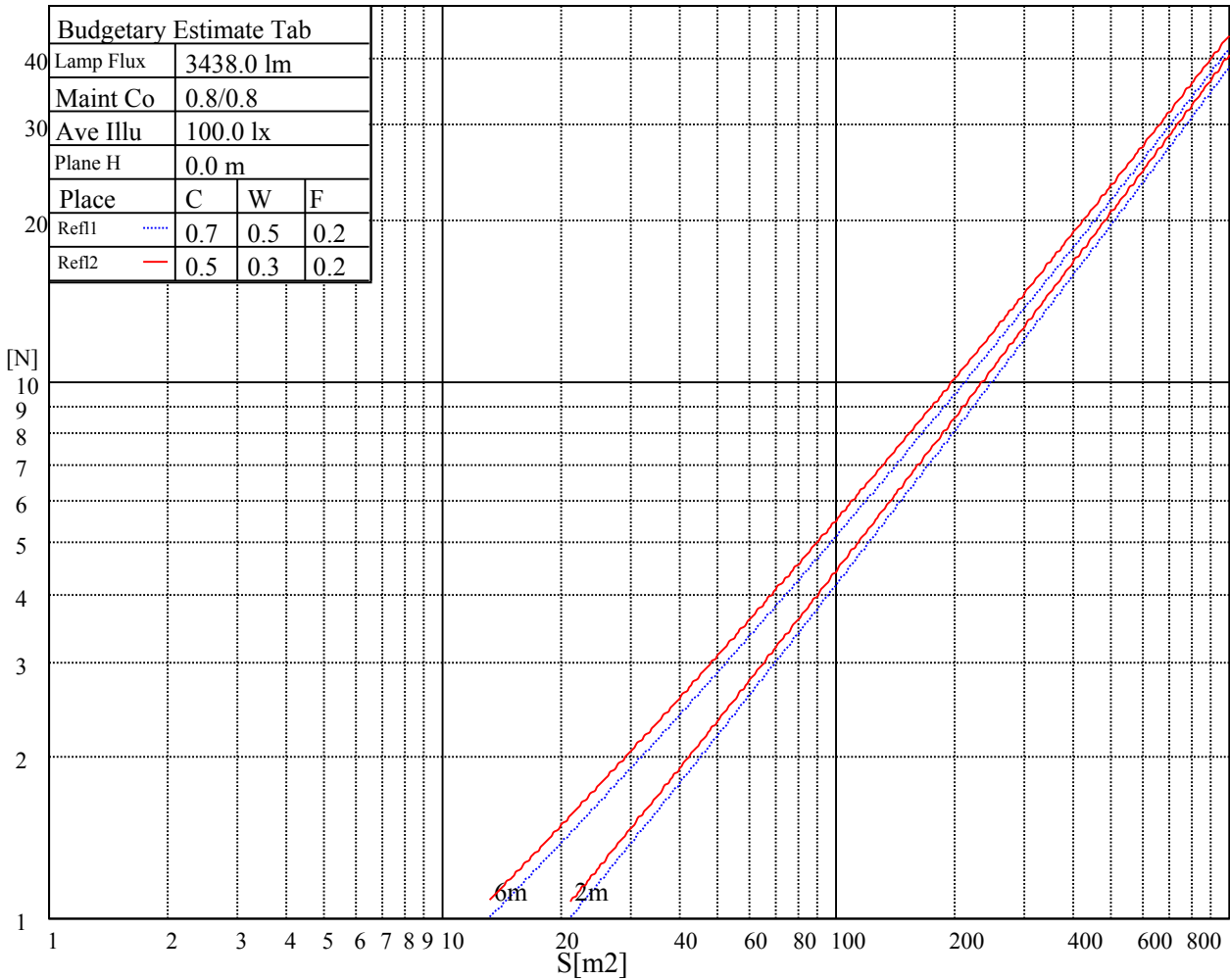
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

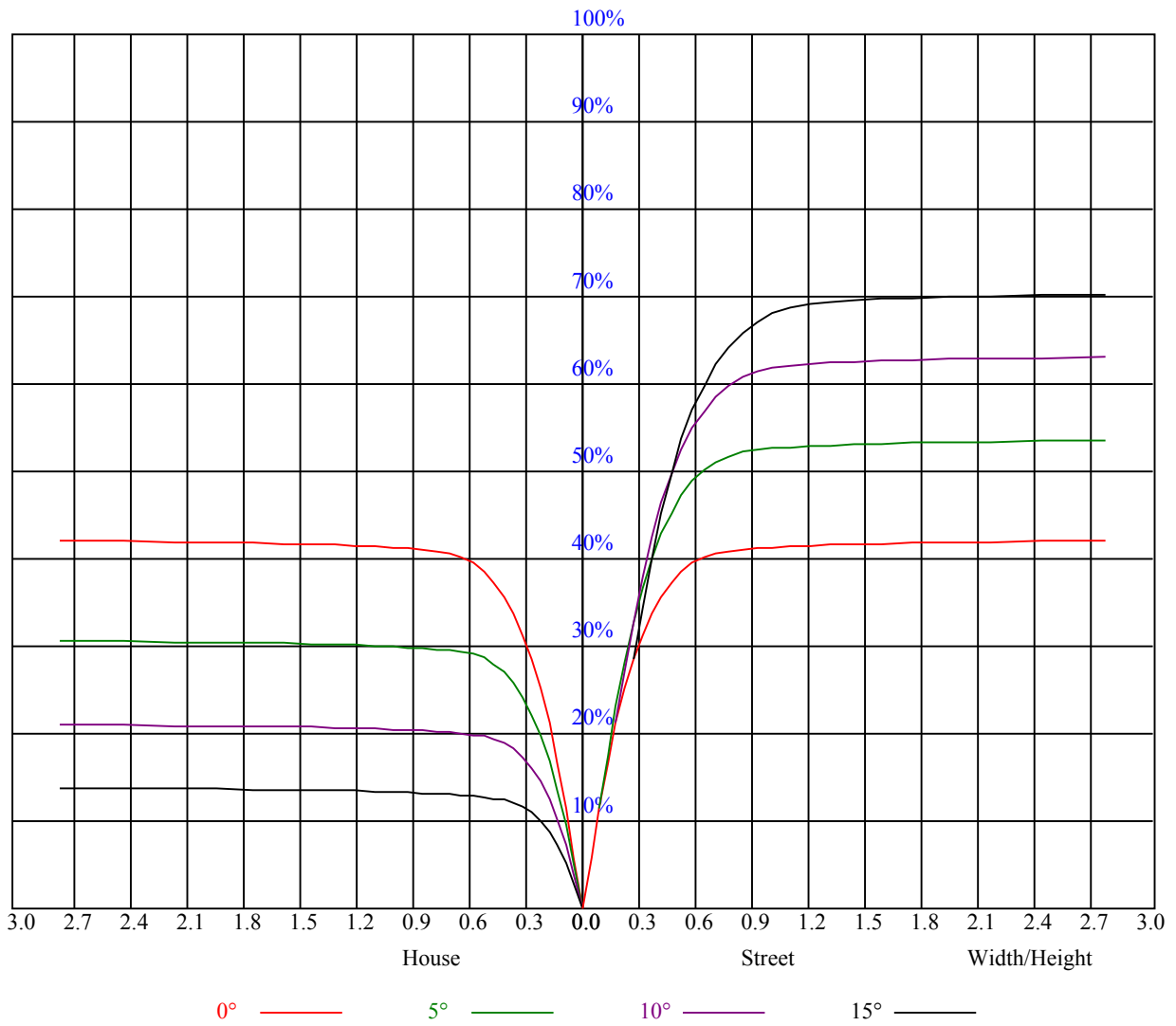


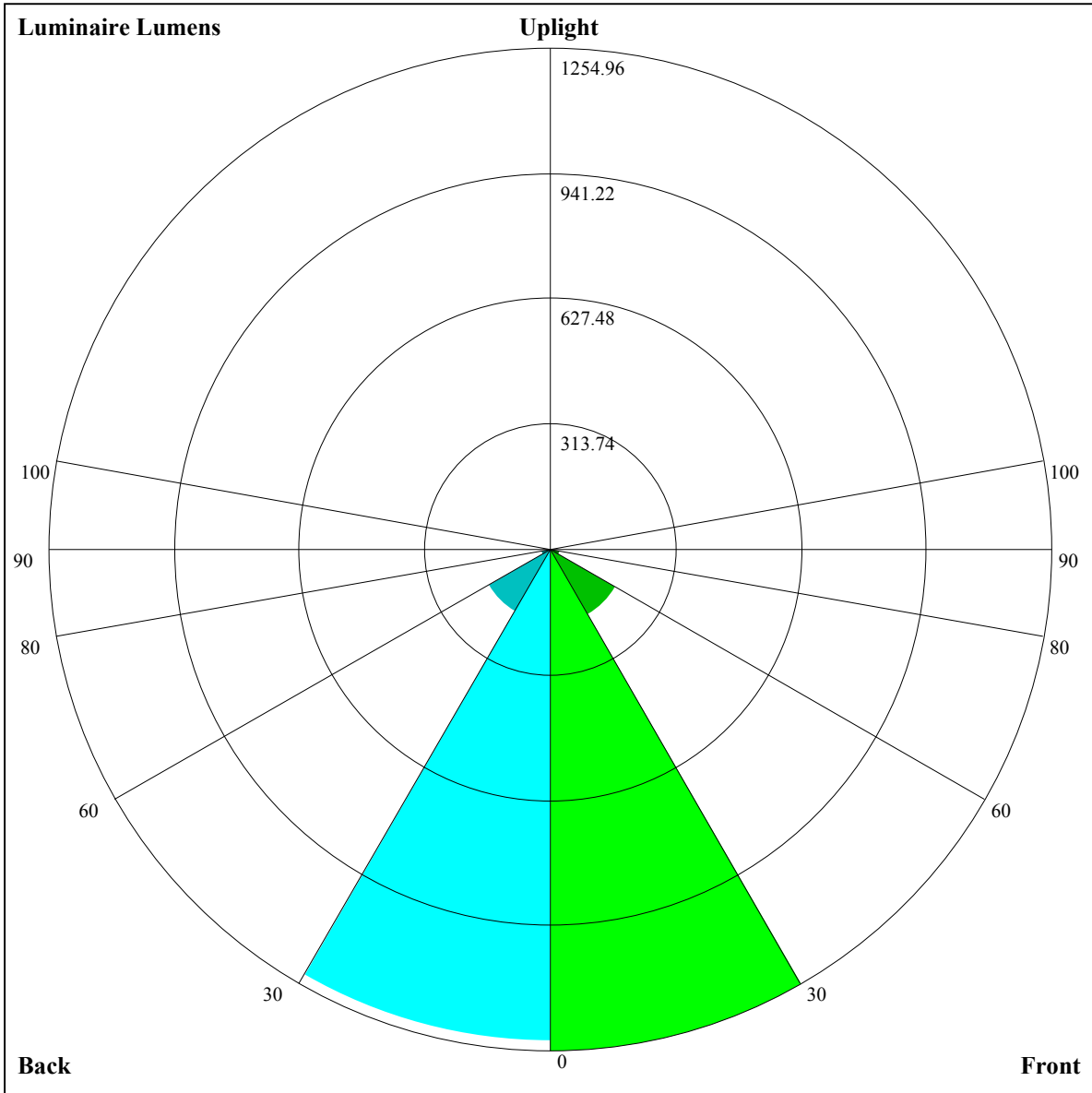
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	1.01	1.01	1.01	0.99	0.99	0.99	0.94	0.94	0.94	0.90	0.90	0.90	0.87	0.87	0.87	0.85
1	0.94	0.92	0.91	0.93	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.80
2	0.89	0.86	0.83	0.87	0.85	0.82	0.85	0.82	0.81	0.82	0.80	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.77	0.81	0.78	0.76	0.79	0.76	0.74	0.77	0.75	0.73	0.72
4	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.71	0.75	0.73	0.70	0.74	0.72	0.70	0.68
5	0.76	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.64	0.69	0.66	0.64	0.68	0.66	0.63	0.62
7	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.60
8	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.57
9	0.64	0.59	0.57	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.53





Luminaire Lumens:

FL=1254.96,FM=188.52,FH=23.15,FVH=7.38

BL=1231.78,BM=180.07,BH=23.11,BVH=7.35

UL=0,UH=0

BUG Rating:B3-U0-G0

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	9634.03	9517.57	9281.14	8915.38	8503.96	7947.41	7512.59	7060.21	6518.29
45.0	9515.23	9634.62	9536.30	9301.04	8863.88	8440.17	8006.52	7560.00	7005.20
90.0	9609.45	9487.73	9145.37	8767.90	8255.24	7802.28	7366.29	6819.69	6389.55
135.0	9589.56	9587.80	9439.15	9064.02	8666.66	8234.17	7675.28	7235.20	6681.57
180.0	9634.03	9543.91	9308.65	8978.58	8456.56	8019.40	7451.14	7002.86	6572.14
225.0	9515.23	9264.17	8808.87	8387.50	7956.19	7507.32	6938.49	6501.91	6073.52
270.0	9609.45	9567.32	9371.27	8971.56	8568.34	8139.95	7692.26	7117.56	6682.74
315.0	9589.56	9432.13	9066.95	8676.02	8247.63	7806.37	7238.71	6789.25	6346.24
360.0	9634.03	9517.57	9281.14	8915.38	8503.96	7947.41	7512.59	7060.21	6518.29
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6096.35	5681.42	5280.54	4801.24	4437.23	4022.90	3713.90	3431.23	3108.19
45.0	6583.84	6148.43	5738.19	5240.16	4852.16	4484.64	4069.13	3749.01	3468.69
90.0	5967.01	5447.92	5052.31	4676.59	4331.31	3925.16	3627.28	3356.32	3102.34
135.0	6257.28	5844.70	5439.72	4949.31	4586.47	4232.41	3911.12	3538.33	3270.30
180.0	6037.82	5625.83	5219.68	4834.60	4371.10	4038.70	3723.85	3435.33	3132.18
225.0	5662.70	5152.96	4776.08	4417.92	4084.93	3696.34	3410.75	3099.41	2864.73
270.0	6254.36	5820.71	5309.80	4927.07	4455.96	4131.75	3804.61	3451.72	3203.58
315.0	5805.49	5400.51	5000.22	4546.09	4208.41	3891.22	3525.45	3269.13	3020.99
360.0	6096.35	5681.42	5280.54	4801.24	4437.23	4022.90	3713.90	3431.23	3108.19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2881.71	2676.88	2487.26	2276.58	2122.67	1980.46	1849.95	1707.75	1597.72
45.0	3143.89	2918.58	2664.59	2484.34	2311.70	2157.78	1979.87	1847.61	1731.15
90.0	2831.38	2629.47	2445.71	2237.96	2082.29	1910.23	1783.82	1673.22	1524.57
135.0	3030.94	2815.58	2572.12	2394.80	2193.48	2045.42	1911.40	1758.07	1641.61
180.0	2891.07	2673.95	2482.00	2261.37	2063.56	1928.37	1802.55	1685.51	1539.20
225.0	2652.30	2414.70	2244.40	2086.39	1944.18	1786.75	1668.53	1552.66	1160.68
270.0	2954.27	2726.04	2483.75	2304.67	2141.40	1992.16	1830.06	1713.60	1598.31
315.0	2800.95	2552.81	2371.98	2206.94	2052.44	1886.82	1765.68	1624.64	1507.60
360.0	2881.71	2676.88	2487.26	2276.58	2122.67	1980.46	1849.95	1707.75	1597.72
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1471.90	1146.22	1146.22	1047.79	891.53	771.09	657.44	523.37	423.47
45.0	1616.45	1463.12	1334.96	1202.70	1041.17	913.59	789.53	643.81	536.12
90.0	1300.43	1138.56	1138.56	1010.74	851.44	729.13	613.67	504.58	382.27
135.0	1519.30	1353.10	1219.67	1089.75	958.07	804.74	685.94	576.51	474.68
180.0	1413.38	1277.60	1145.34	975.63	847.46	728.08	614.54	487.55	395.09
225.0	1160.68	1127.49	994.00	865.55	714.85	601.26	474.79	384.49	304.14
270.0	1445.56	1321.50	1151.20	1022.45	896.04	767.29	620.98	513.30	415.57
315.0	1148.09	1148.09	1082.43	951.22	794.21	674.30	563.51	462.74	350.02
360.0	1471.90	1146.22	1146.22	1047.79	891.53	771.09	657.44	523.37	423.47
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	335.57	258.03	177.09	129.45	103.88	92.29	81.58	74.73	69.00
45.0	435.47	323.69	303.21	303.21	131.91	101.89	91.65	83.28	76.02
90.0	298.64	227.01	156.43	120.73	97.79	88.90	80.64	73.97	67.07
135.0	359.39	298.52	298.52	151.75	113.53	99.43	87.84	79.88	73.45
180.0	295.60	295.60	214.37	121.14	102.12	92.11	83.57	74.85	69.17
225.0	217.06	161.05	123.37	99.37	90.01	81.58	74.79	69.00	62.79
270.0	328.95	308.47	220.75	128.75	104.76	91.06	82.75	75.79	68.53
315.0	270.67	203.78	150.34	109.96	94.46	85.85	76.55	70.64	65.60
360.0	335.57	258.03	177.09	129.45	103.88	92.29	81.58	74.73	69.00

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	62.79	58.41	54.48	50.27	47.29	44.59	41.67	39.74	38.16
45.0	68.82	63.85	59.46	55.48	51.03	47.87	44.36	42.08	40.09
90.0	62.15	57.82	53.02	49.63	46.64	43.89	41.14	39.21	37.63
135.0	66.54	61.74	57.53	53.67	49.33	46.29	43.66	41.38	38.98
180.0	64.02	59.40	54.48	50.91	47.70	44.18	41.79	39.62	37.40
225.0	58.41	54.48	50.21	47.23	44.48	41.49	39.50	37.45	36.17
270.0	63.50	58.99	54.07	50.50	46.64	43.95	41.49	39.44	37.28
315.0	60.04	56.18	52.67	48.63	45.76	43.19	40.97	38.57	36.99
360.0	62.79	58.41	54.48	50.27	47.29	44.59	41.67	39.74	38.16
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	36.75	35.46	34.82	34.47	34.53	34.70	34.94	34.82	34.06
45.0	38.04	36.75	35.70	35.11	34.76	34.82	34.94	35.11	34.94
90.0	35.99	35.11	34.47	34.29	34.41	34.59	34.76	34.35	33.53
135.0	37.34	36.05	34.94	34.29	34.06	34.24	34.41	34.59	34.06
180.0	35.99	34.94	34.12	33.83	33.83	34.06	34.18	34.00	33.30
225.0	35.11	34.47	34.12	34.18	34.29	34.59	34.47	33.77	32.54
270.0	35.87	34.76	34.12	33.65	33.59	33.71	34.00	33.88	33.36
315.0	35.64	34.70	33.94	33.77	33.88	34.06	34.18	33.65	32.77
360.0	36.75	35.46	34.82	34.47	34.53	34.70	34.94	34.82	34.06
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	32.42	30.55	28.56	26.16	23.76	22.18	20.95	20.13	19.37
45.0	34.06	32.83	30.49	28.32	25.93	23.41	21.89	20.42	19.72
90.0	32.13	29.73	27.51	25.28	23.41	21.54	20.54	19.78	19.14
135.0	33.18	31.66	29.85	26.98	24.87	23.17	21.54	20.60	20.01
180.0	32.19	29.85	27.68	25.52	23.23	21.83	20.78	20.19	19.61
225.0	30.20	27.97	25.63	23.29	21.83	20.72	19.78	19.20	18.73
270.0	31.89	30.14	28.09	25.28	23.47	21.83	20.60	19.66	19.08
315.0	31.25	29.38	26.63	24.58	22.82	21.42	20.25	19.55	19.02
360.0	32.42	30.55	28.56	26.16	23.76	22.18	20.95	20.13	19.37
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	18.90	18.49	18.08	17.62	17.21	16.80	16.39	15.98	15.39
45.0	19.14	18.67	18.14	17.79	17.44	17.03	16.56	16.21	15.80
90.0	18.96	18.96	18.84	18.55	18.14	17.32	16.62	15.92	15.33
135.0	20.48	20.95	21.13	20.72	20.25	19.55	18.43	17.62	16.27
180.0	18.90	18.38	17.91	17.56	17.09	16.68	16.33	15.92	15.39
225.0	18.20	17.85	17.50	17.09	16.56	16.21	15.80	15.39	14.92
270.0	18.61	18.20	17.97	17.73	17.38	16.85	16.21	15.57	15.16
315.0	18.61	18.38	18.14	17.91	17.67	17.09	16.27	15.51	15.04
360.0	18.90	18.49	18.08	17.62	17.21	16.80	16.39	15.98	15.39
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	14.98	14.57	14.05	13.69	13.46	13.17	12.87	12.64	12.41
45.0	15.27	14.86	14.34	14.05	13.69	13.46	12.99	12.70	12.47
90.0	14.69	14.22	13.87	13.58	13.23	12.93	12.70	12.52	12.35
135.0	15.33	14.75	14.22	13.87	13.52	13.05	12.82	12.58	12.41
180.0	15.04	14.51	14.05	13.64	13.23	12.87	12.64	12.41	12.29
225.0	14.51	14.10	13.75	13.46	12.99	12.82	12.58	12.41	12.35
270.0	14.69	14.28	13.93	13.64	13.34	13.05	12.82	12.58	12.35
315.0	14.51	14.10	13.69	13.40	13.28	12.93	12.64	12.47	12.29
360.0	14.98	14.57	14.05	13.69	13.46	13.17	12.87	12.64	12.41

Intensity data(cd)

C/γ(°)	90.0
0.0	12.35
45.0	12.35
90.0	12.35
135.0	12.29
180.0	12.29
225.0	12.29
270.0	12.29
315.0	12.29
360.0	12.35