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NT

Client:

LumCAT: 2-2678-L

Luminaire: 92.70.411.00

Report No: 2024403-B002

Ballast type: AC

Test No: 2024403-C002

Voltage(V): 34.380

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.578

Lamp flux(lm): 3438.0

Power (W): 19.871

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2920.64, Efficiency(%): 84.95% , Luminous Efficacy(lm/W): 146.98

Central intensity(cd): 11675.590, Maximum intensity(cd): 11675.590

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.6

[C90/270]Total=21.6

Field angle(10%Imax): [C0/180]Total=55.4

[C90/270]Total=55.4

Maximum s/h(1/2): C0_180=0.37 C90_270=0.37

Maximum s/h(1/4): C0_180=0.40 C90_270=0.40

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.95%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.874%

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	11675.590	0.000	0	0.00%	0.00%
1.0	11632.795	11.153	11.153	0.32%	0.38%
2.0	11498.603	33.200	44.353	0.97%	1.52%
3.0	11216.744	54.328	98.681	1.58%	3.38%
4.0	10849.296	73.862	172.543	2.15%	5.91%
5.0	10277.092	90.885	263.427	2.64%	9.02%
6.0	9646.878	104.706	368.133	3.05%	12.60%
7.0	8900.131	115.121	483.254	3.35%	16.55%
8.0	8079.719	121.522	604.776	3.53%	20.71%
9.0	7238.970	124.150	728.925	3.61%	24.96%
10.0	6437.504	123.767	852.692	3.60%	29.20%
11.0	5683.222	121.111	973.803	3.52%	33.34%
12.0	5009.555	116.887	1090.691	3.40%	37.34%
13.0	4395.435	111.614	1202.304	3.25%	41.17%
14.0	3924.255	106.491	1308.796	3.10%	44.81%
15.0	3498.577	101.904	1410.699	2.96%	48.30%
16.0	3133.836	97.183	1507.883	2.83%	51.63%
17.0	2851.172	93.203	1601.086	2.71%	54.82%
18.0	2704.720	91.605	1692.69	2.66%	57.96%
19.0	2454.039	89.752	1782.442	2.61%	61.03%
20.0	2141.763	84.116	1866.558	2.45%	63.91%
21.0	1962.537	78.811	1945.369	2.29%	66.61%
22.0	1803.649	75.683	2021.052	2.20%	69.20%
23.0	1675.046	72.992	2094.044	2.12%	71.70%
24.0	1556.903	70.662	2164.706	2.06%	74.12%
25.0	1458.000	68.552	2233.259	1.99%	76.46%
26.0	1280.275	64.637	2297.896	1.88%	78.68%
27.0	1228.117	61.368	2359.264	1.79%	80.78%
28.0	1139.162	59.934	2419.199	1.74%	82.83%
29.0	1025.578	56.636	2475.835	1.65%	84.77%
30.0	901.225	52.023	2527.858	1.51%	86.55%
31.0	781.634	46.832	2574.689	1.36%	88.15%
32.0	672.409	41.657	2616.346	1.21%	89.58%
33.0	565.130	36.458	2652.804	1.06%	90.83%
34.0	461.135	31.058	2683.862	0.90%	91.89%
35.0	365.275	25.665	2709.527	0.75%	92.77%
36.0	281.391	20.590	2730.117	0.60%	93.48%
37.0	238.135	16.944	2747.061	0.49%	94.06%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	190.542	14.309	2761.37	0.42%	94.55%
39.0	106.109	10.125	2771.496	0.29%	94.89%
40.0	86.599	6.721	2778.217	0.20%	95.12%
41.0	76.891	5.822	2784.038	0.17%	95.32%
42.0	70.512	5.355	2789.394	0.16%	95.51%
43.0	65.626	5.043	2794.437	0.15%	95.68%
44.0	61.332	4.792	2799.228	0.14%	95.84%
45.0	57.506	4.567	2803.795	0.13%	96.00%
46.0	54.214	4.369	2808.165	0.13%	96.15%
47.0	50.849	4.179	2812.343	0.12%	96.29%
48.0	48.120	4.001	2816.344	0.12%	96.43%
49.0	45.640	3.850	2820.194	0.11%	96.56%
50.0	43.621	3.722	2823.916	0.11%	96.69%
51.0	42.048	3.625	2827.54	0.11%	96.81%
52.0	40.629	3.548	2831.088	0.10%	96.93%
53.0	39.598	3.490	2834.578	0.10%	97.05%
54.0	38.859	3.458	2838.036	0.10%	97.17%
55.0	38.230	3.441	2841.477	0.10%	97.29%
56.0	37.776	3.435	2844.912	0.10%	97.41%
57.0	37.272	3.431	2848.343	0.10%	97.52%
58.0	36.759	3.423	2851.767	0.10%	97.64%
59.0	36.079	3.405	2855.172	0.10%	97.76%
60.0	35.114	3.363	2858.535	0.10%	97.87%
61.0	33.870	3.292	2861.827	0.10%	97.99%
62.0	32.341	3.190	2865.018	0.09%	98.10%
63.0	30.519	3.057	2868.075	0.09%	98.20%
64.0	28.383	2.890	2870.965	0.08%	98.30%
65.0	26.342	2.708	2873.674	0.08%	98.39%
66.0	24.301	2.527	2876.2	0.07%	98.48%
67.0	22.780	2.367	2878.568	0.07%	98.56%
68.0	21.822	2.259	2880.827	0.07%	98.64%
69.0	21.156	2.193	2883.02	0.06%	98.71%
70.0	20.695	2.149	2885.169	0.06%	98.79%
71.0	20.395	2.124	2887.293	0.06%	98.86%
72.0	20.263	2.114	2889.407	0.06%	98.93%
73.0	20.146	2.113	2891.52	0.06%	99.00%
74.0	20.015	2.111	2893.631	0.06%	99.08%
75.0	19.729	2.100	2895.731	0.06%	99.15%

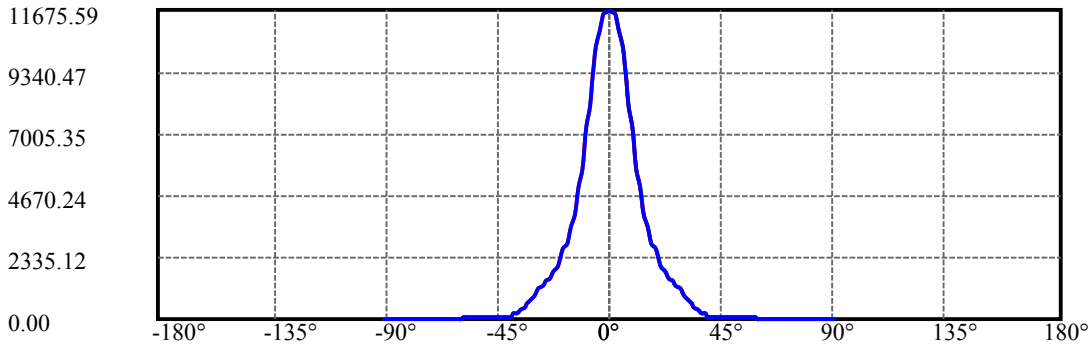
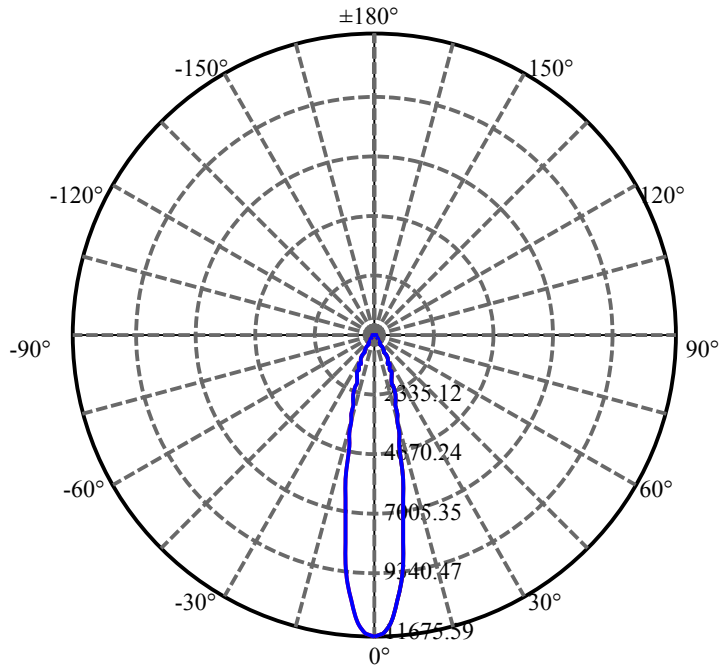
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	19.415	2.078	2897.809	0.06%	99.22%
77.0	18.947	2.045	2899.855	0.06%	99.29%
78.0	18.339	1.996	2901.851	0.06%	99.36%
79.0	17.564	1.929	2903.78	0.06%	99.42%
80.0	16.708	1.848	2905.627	0.05%	99.49%
81.0	15.655	1.750	2907.377	0.05%	99.55%
82.0	14.748	1.649	2909.026	0.05%	99.60%
83.0	14.301	1.579	2910.605	0.05%	99.66%
84.0	13.928	1.538	2912.143	0.04%	99.71%
85.0	13.548	1.500	2913.643	0.04%	99.76%
86.0	13.160	1.460	2915.103	0.04%	99.81%
87.0	12.824	1.422	2916.525	0.04%	99.86%
88.0	12.575	1.391	2917.916	0.04%	99.91%
89.0	12.399	1.369	2919.285	0.04%	99.95%
90.0	12.304	1.354	2920.639	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2527.86	73.53%	86.55%
0-40	2778.22	80.81%	95.12%
0-60	2858.54	83.15%	97.87%
0-90	2919.28	84.91%	99.95%
0-120	2919.28	84.91%	99.95%
0-180	2920.64	84.95%	100.00%
60-90	60.75	1.77%	2.08%
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%
0-26.63	2336.51	67.96%	80.00%

ZONAL LUMEN SUMMARY

0-10	852.69
10-20	1013.87
20-30	661.30
30-40	250.36
40-50	45.70
50-60	34.62
60-70	26.63
70-80	20.46
80-90	13.66
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: —————

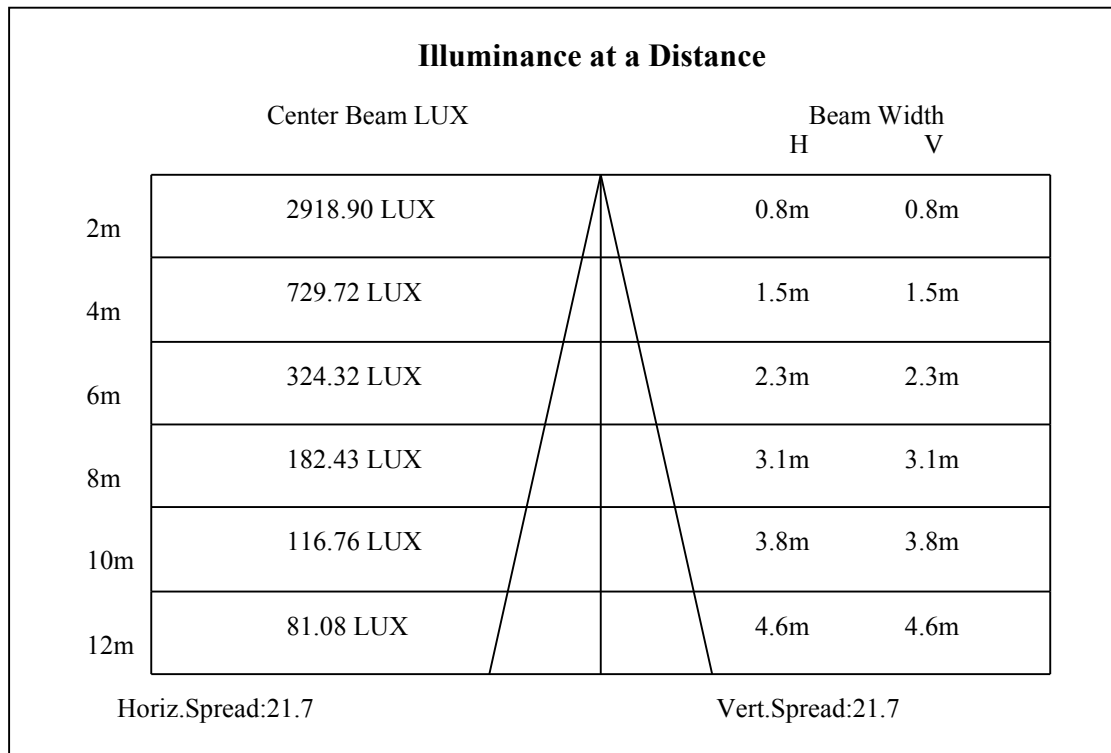
C90/C270: —————

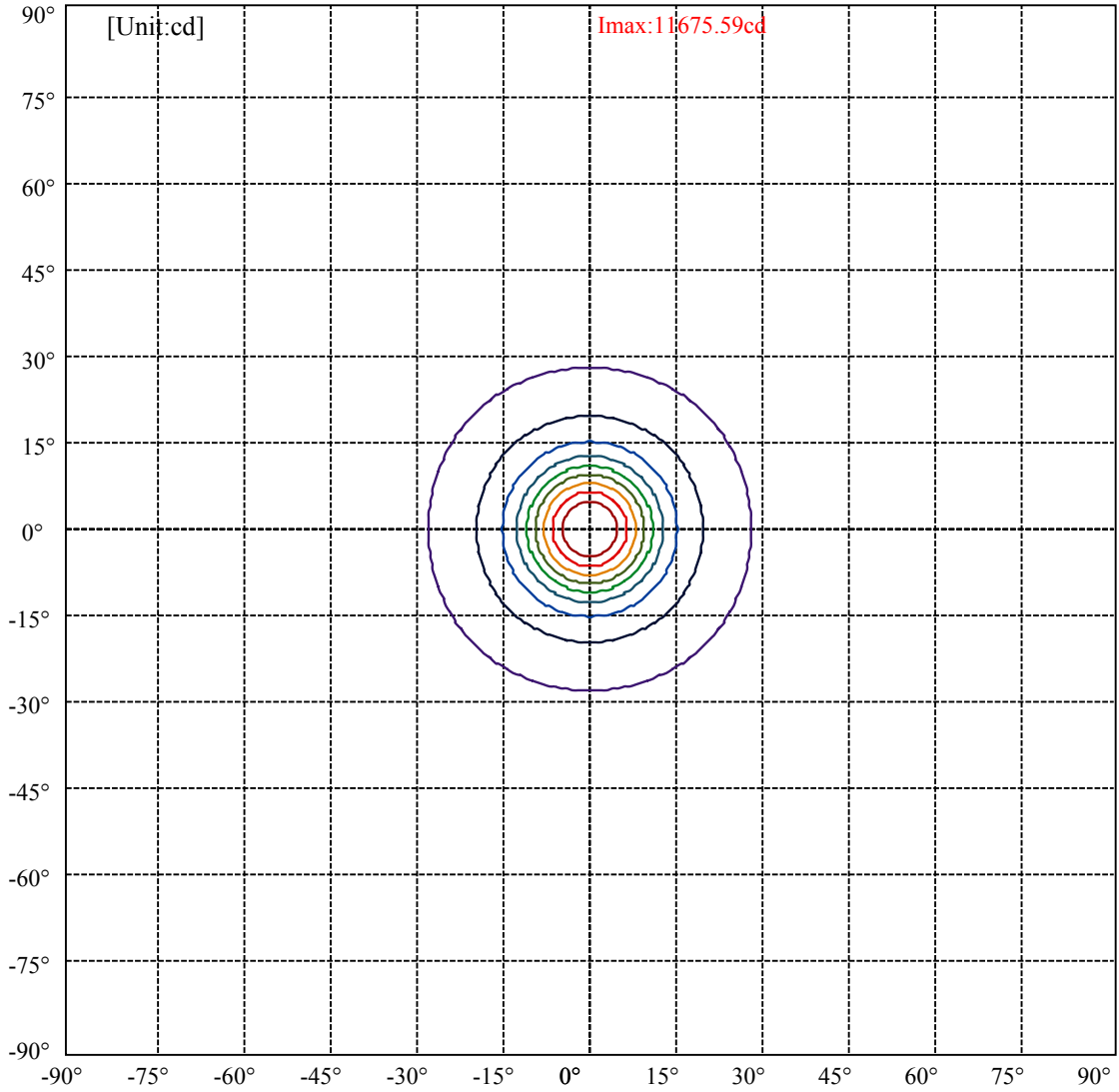
Field angle(10%Imax):C0/180Left:27.7 Right:27.7

:C90/270Left:27.7 Right:27.7

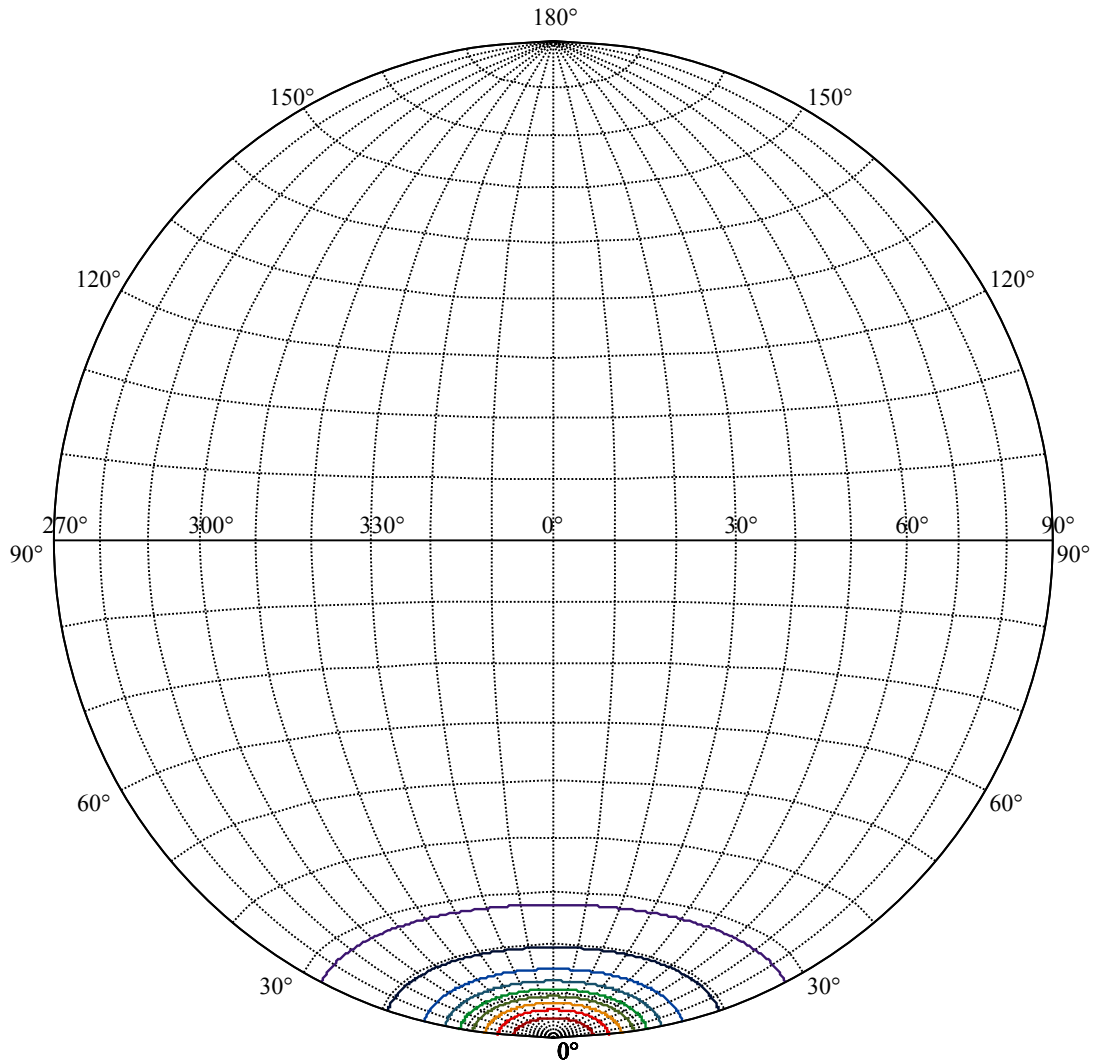
Beam Angle(50%Imax):C0/180Left:10.8 Right:10.8

:C90/270Left:10.8 Right:10.8





(10%Imax) 1167.56	—
(20%Imax) 2335.12	—
(30%Imax) 3502.68	—
(40%Imax) 4670.24	—
(50%Imax) 5837.8	—
(60%Imax) 7005.35	—
(70%Imax) 8172.91	—
(80%Imax) 9340.47	—
(90%Imax) 10508	—



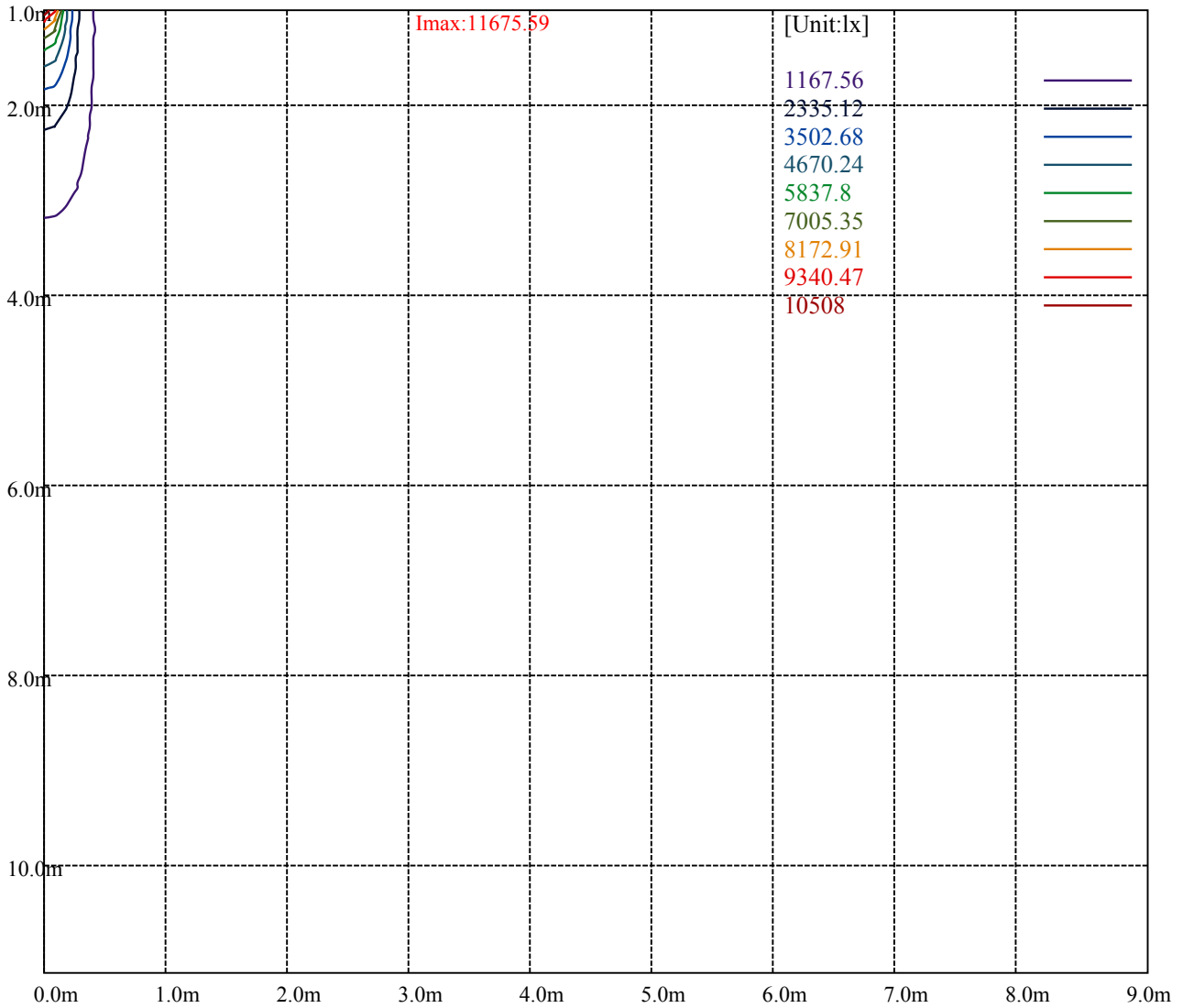
House

[Unit:cd]

Road

Imax:11675.59

(10%Imax)	1167.56	—
(20%Imax)	2335.12	—
(30%Imax)	3502.68	—
(40%Imax)	4670.24	—
(50%Imax)	5837.8	—
(60%Imax)	7005.35	—
(70%Imax)	8172.91	—
(80%Imax)	9340.47	—
(90%Imax)	10508	—



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

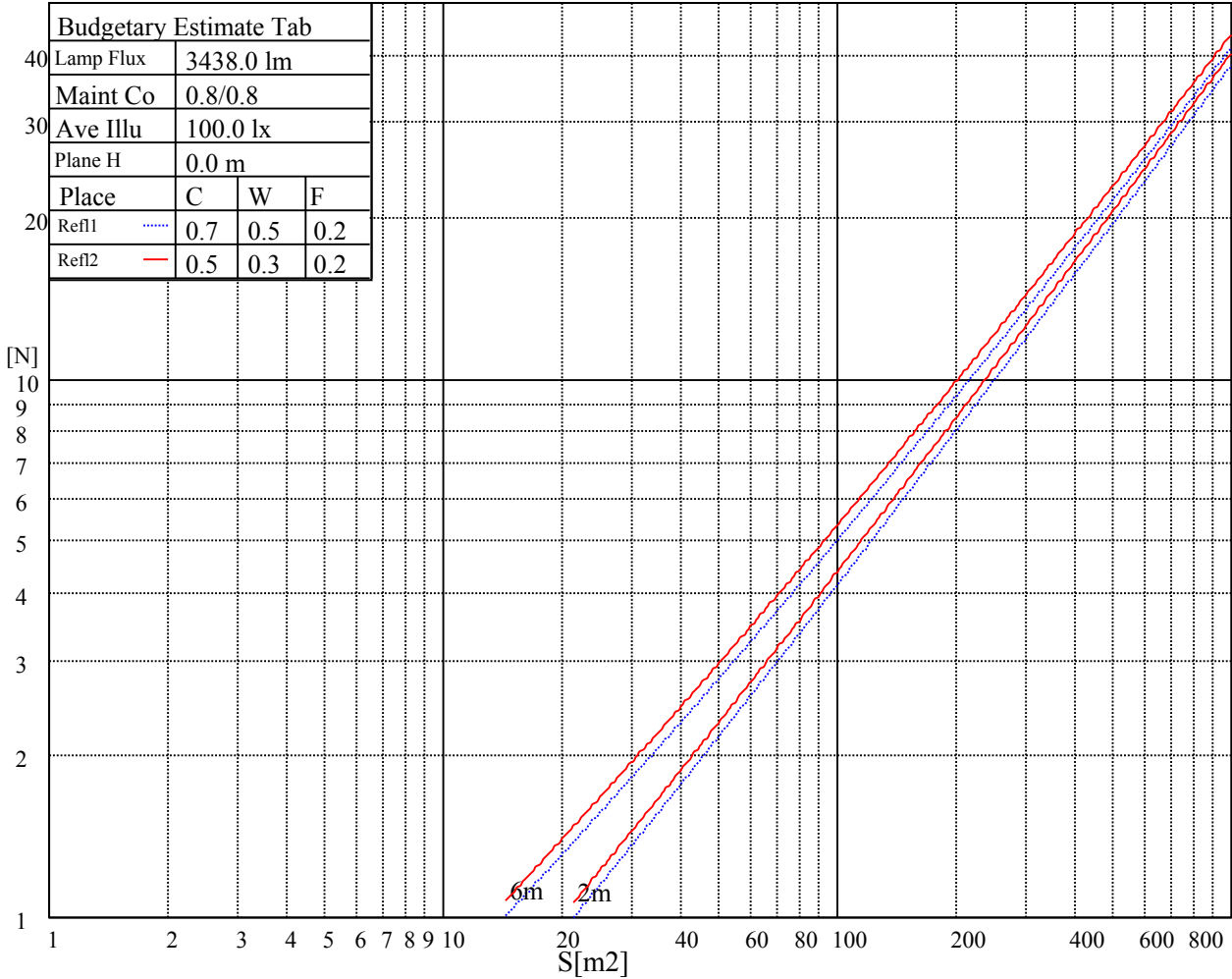
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

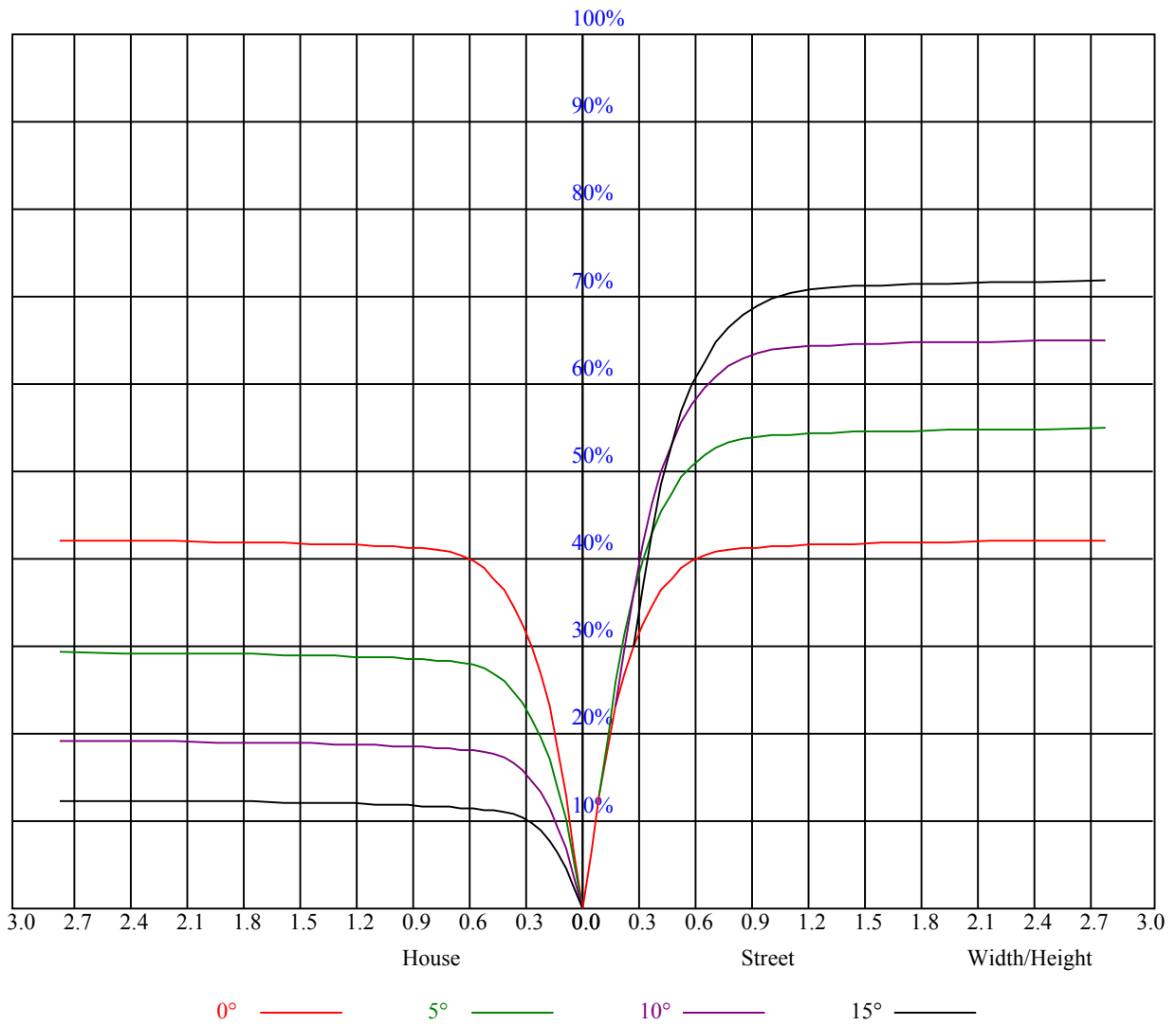


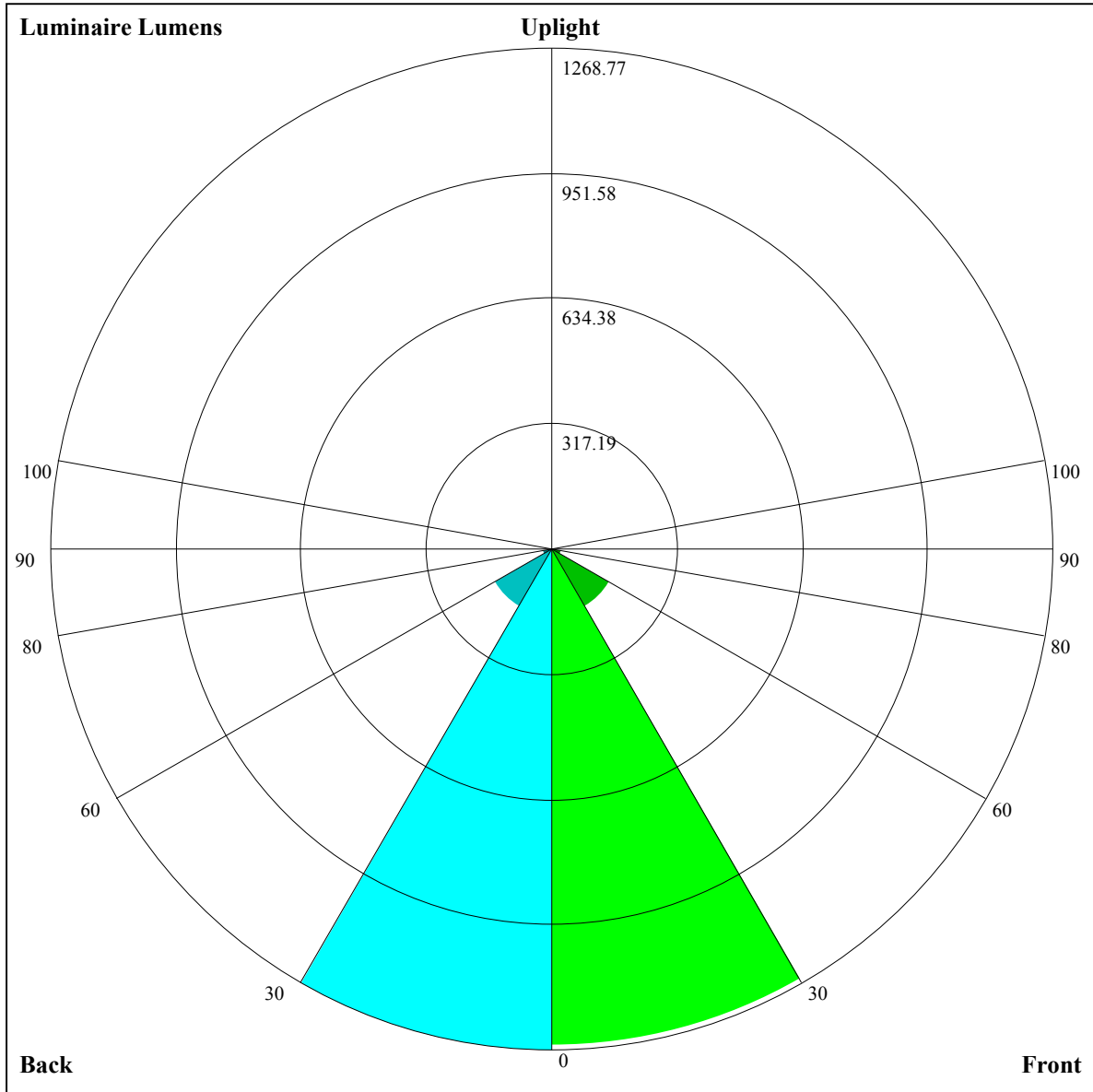
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
2	0.90	0.87	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.80	0.81	0.79	0.78	0.77
3	0.85	0.81	0.78	0.84	0.80	0.78	0.82	0.79	0.77	0.80	0.77	0.75	0.78	0.76	0.74	0.73
4	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.70
5	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.72	0.70	0.68	0.67
6	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.64
7	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.63	0.62
8	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
9	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.61	0.58	0.58
10	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=1259.62,FM=166.04,FH=23.72,FVH=7.53

BL=1268.77,BM=168.34,BH=23.17,BVH=7.52

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	11664.18	11604.49	11392.63	11114.65	10708.51	10033.74	9397.02	8676.02	7924.59
45.0	11678.81	11678.81	11626.08	11456.36	11216.42	10707.28	10180.57	9536.83	8641.43
90.0	11679.98	11663.59	11520.21	11187.22	10782.24	10262.56	9619.99	8719.33	7939.81
135.0	11679.39	11679.39	11854.32	11444.66	11169.60	10789.21	10262.51	9630.46	8735.07
180.0	11664.18	11664.18	11579.26	11380.29	11023.30	10578.53	9858.70	9162.28	8419.05
225.0	11678.81	11539.53	11251.59	10918.02	10429.94	9678.51	8966.88	8201.40	7428.90
270.0	11679.98	11679.98	11497.33	11280.80	10958.92	10391.26	9806.03	8939.90	8190.81
315.0	11679.39	11552.40	11267.40	10951.96	10505.43	9775.66	9083.34	8334.83	7358.09
360.0	11664.18	11604.49	11392.63	11114.65	10708.51	10033.74	9397.02	8676.02	7924.59
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6971.26	6229.78	5529.26	4773.15	4259.33	3825.67	3372.71	3060.79	2727.21
45.0	7892.34	7131.55	6394.17	5516.33	4907.70	4375.14	3906.96	3432.93	3105.20
90.0	7154.43	6391.30	5505.86	4888.44	4245.87	3809.87	3436.50	3037.38	2771.10
135.0	7962.57	6985.25	6236.16	5539.74	4778.95	4258.10	3819.18	3351.00	3029.12
180.0	7453.43	6680.93	5925.99	5247.13	4498.04	4024.01	3608.50	3245.66	2958.90
225.0	6463.87	5735.85	5080.40	4523.85	3928.67	3535.99	3121.06	2838.40	2589.09
270.0	7418.31	6651.67	5738.72	5077.41	4509.74	4029.86	3520.71	3187.14	2970.60
315.0	6595.54	5693.71	5055.23	4510.39	4035.18	3535.40	3202.99	2917.41	2658.15
360.0	6971.26	6229.78	5529.26	4773.15	4259.33	3825.67	3372.71	3060.79	2727.21
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2500.14	2291.21	2109.21	1902.62	1764.51	1646.88	1544.47	1429.76	1141.42
45.0	2964.75	2964.75	2330.42	2140.81	1933.06	1789.68	1667.95	1545.05	1453.76
90.0	2537.01	2327.50	2092.82	1928.96	1782.65	1658.59	1526.33	1435.03	1155.12
135.0	2958.90	2958.90	2281.27	2097.50	1936.57	1789.09	1639.86	1535.69	1442.64
180.0	2958.90	2397.73	2154.27	1980.46	1829.47	1670.88	1567.29	1476.00	1370.07
225.0	2316.38	2126.77	1956.47	1808.40	1652.73	1547.98	1456.68	1370.66	1148.39
270.0	2970.60	2373.73	2186.46	2007.38	1820.69	1696.04	1566.71	1475.41	1388.80
315.0	2431.08	2191.73	2023.18	1834.15	1709.50	1601.23	1485.94	1396.41	1142.01
360.0	2500.14	2291.21	2109.21	1902.62	1764.51	1646.88	1544.47	1429.76	1141.42
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1141.42	1086.53	976.68	865.72	732.12	630.46	532.03	416.62	331.71
45.0	1361.88	1257.12	1121.93	1012.50	903.06	794.21	664.29	563.63	465.90
90.0	1155.12	1101.74	991.31	853.96	744.23	638.07	537.18	416.91	330.83
135.0	1325.59	1219.08	1110.23	973.29	863.27	729.83	627.42	530.86	437.22
180.0	1277.02	1175.19	1068.09	929.98	818.20	711.69	609.86	489.89	400.94
225.0	1148.39	1040.88	930.33	792.75	686.06	584.46	465.61	379.28	281.61
270.0	1273.51	1173.43	1061.07	948.71	809.42	698.82	592.31	491.06	376.36
315.0	1142.01	1059.32	944.96	832.89	696.71	591.72	492.35	400.82	297.65
360.0	1141.42	1086.53	976.68	865.72	732.12	630.46	532.03	416.62	331.71
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	256.68	191.43	126.00	95.51	82.81	76.14	69.23	65.08	61.33
45.0	354.70	313.74	313.74	130.15	99.37	84.51	75.79	69.76	64.96
90.0	238.60	176.27	129.69	95.51	83.63	76.66	70.46	64.67	60.51
135.0	350.61	310.81	310.81	132.90	101.83	84.10	77.48	71.87	66.25
180.0	317.84	299.11	213.02	117.05	87.08	78.71	71.22	66.77	62.91
225.0	212.09	153.80	110.72	83.22	75.61	69.82	65.19	60.40	56.94
270.0	296.18	296.18	210.39	107.68	86.09	75.67	69.70	65.14	60.28
315.0	224.43	163.75	109.96	86.85	76.37	69.52	65.02	61.33	57.47
360.0	256.68	191.43	126.00	95.51	82.81	76.14	69.23	65.08	61.33

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	57.00	53.72	50.21	47.81	45.71	43.48	42.25	40.97	40.15
45.0	59.75	56.36	53.14	50.10	46.88	44.77	42.96	41.08	39.85
90.0	56.88	53.37	49.80	47.17	44.95	42.60	41.14	39.68	38.86
135.0	62.38	58.70	54.72	51.73	48.46	46.29	44.42	42.90	41.26
180.0	59.22	55.83	52.03	49.39	46.94	44.77	42.72	41.38	40.15
225.0	53.67	50.74	47.58	45.30	42.96	41.32	40.15	39.03	38.22
270.0	56.65	53.31	50.33	47.17	44.89	42.96	41.32	39.91	38.98
315.0	54.48	51.68	48.98	46.29	44.36	42.78	41.43	40.09	39.33
360.0	57.00	53.72	50.21	47.81	45.71	43.48	42.25	40.97	40.15
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	39.33	38.68	38.27	37.57	36.99	36.11	35.23	33.47	32.13
45.0	39.15	38.22	37.75	37.34	36.87	36.52	35.70	34.94	33.18
90.0	38.04	37.63	37.10	36.52	36.05	35.46	34.41	33.12	31.72
135.0	40.44	39.68	39.15	38.51	37.92	37.40	36.75	35.64	34.24
180.0	39.03	38.57	37.86	37.45	36.93	36.11	35.23	34.18	32.66
225.0	37.86	37.22	36.99	36.52	35.99	35.17	33.88	32.42	30.84
270.0	38.22	37.69	37.28	36.99	36.52	35.87	35.11	34.00	32.42
315.0	38.80	38.16	37.81	37.28	36.81	35.99	34.59	33.18	31.54
360.0	39.33	38.68	38.27	37.57	36.99	36.11	35.23	33.47	32.13
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	30.14	28.03	25.81	24.46	23.70	24.23	24.87	25.57	25.40
45.0	32.01	30.02	28.44	25.69	23.99	22.30	21.19	20.31	19.61
90.0	30.02	27.86	25.63	23.47	21.89	20.95	20.01	19.49	19.02
135.0	32.60	30.67	28.97	26.16	24.46	22.88	22.00	21.01	20.60
180.0	30.67	28.68	26.80	24.81	22.77	21.65	20.78	20.07	19.66
225.0	28.44	26.39	23.99	22.24	21.19	20.19	19.61	19.02	18.55
270.0	30.67	28.32	26.04	24.23	22.12	21.13	20.31	19.72	19.20
315.0	29.61	27.10	25.05	23.35	22.12	21.24	20.48	20.37	21.13
360.0	30.14	28.03	25.81	24.46	23.70	24.23	24.87	25.57	25.40
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	24.99	24.29	23.23	22.12	21.19	20.13	19.02	18.08	17.09
45.0	19.14	18.61	18.20	17.67	17.38	17.03	16.68	16.21	15.86
90.0	18.96	19.14	19.43	19.43	19.25	19.02	18.38	17.62	16.50
135.0	21.01	21.59	22.24	22.41	22.65	22.59	22.30	21.59	20.13
180.0	19.31	18.61	18.08	17.62	17.15	16.74	16.44	16.09	15.63
225.0	18.02	17.67	17.26	16.91	16.44	16.09	15.74	15.33	14.98
270.0	19.08	19.31	19.37	19.43	19.31	18.90	18.26	17.56	16.62
315.0	21.59	21.95	22.30	22.24	21.95	21.07	19.90	18.02	16.85
360.0	24.99	24.29	23.23	22.12	21.19	20.13	19.02	18.08	17.09
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	15.92	14.92	14.34	13.81	13.52	13.23	12.82	12.58	12.41
45.0	15.57	15.16	14.75	14.34	14.05	13.81	12.99	12.70	12.52
90.0	15.45	14.69	14.28	14.05	13.46	13.05	12.76	12.58	12.35
135.0	18.02	15.27	14.69	14.34	13.93	13.34	13.05	12.82	12.58
180.0	15.22	14.75	14.28	13.87	13.58	13.05	12.87	12.64	12.41
225.0	14.63	14.22	13.93	13.58	13.05	12.76	12.58	12.35	12.29
270.0	15.33	14.51	14.05	13.81	13.46	13.05	12.82	12.52	12.35
315.0	15.10	14.46	14.10	13.64	13.34	12.99	12.70	12.41	12.29
360.0	15.92	14.92	14.34	13.81	13.52	13.23	12.82	12.58	12.41

Intensity data(cd)

C/ γ (°)	90.0
0.0	12.35
45.0	12.35
90.0	12.29
135.0	12.35
180.0	12.29
225.0	12.23
270.0	12.29
315.0	12.29
360.0	12.35