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Nata

Client:

LumCAT: 2-2521-L

Luminaire: 92.70.412.00

Report No: 2024823-B008

Ballast type: AC

Test No: 2024823-C008

Voltage(V): 35.320

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.576

Lamp flux(lm): 3311.0

Power (W): 20.340

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3026.76, Efficiency(%): 91.42% , Luminous Efficacy(lm/W): 148.81

Central intensity(cd): 5211.152, Maximum intensity(cd): 5211.152

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=48.2

[C90/270]Total=48.2

Field angle(10%Imax): [C0/180]Total=69.0

[C90/270]Total=69.0

Maximum s/h(1/2): C0_180=0.74 C90_270=0.74

Maximum s/h(1/4): C0_180=0.74 C90_270=0.74

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.42%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.309%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/23
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5211.151	0.000	0	0.00%	0.00%
1.0	5189.489	4.977	4.977	0.15%	0.16%
2.0	5140.534	14.827	19.803	0.45%	0.65%
3.0	5075.488	24.433	44.237	0.74%	1.46%
4.0	4997.485	33.717	77.954	1.02%	2.58%
5.0	4912.307	42.631	120.585	1.29%	3.98%
6.0	4806.591	51.075	171.661	1.54%	5.67%
7.0	4712.360	59.084	230.745	1.78%	7.62%
8.0	4618.404	66.778	297.523	2.02%	9.83%
9.0	4521.945	74.078	371.601	2.24%	12.28%
10.0	4417.543	80.899	452.5	2.44%	14.95%
11.0	4312.595	87.232	539.732	2.63%	17.83%
12.0	4207.076	93.132	632.864	2.81%	20.91%
13.0	4101.780	98.605	731.469	2.98%	24.17%
14.0	3994.592	103.633	835.102	3.13%	27.59%
15.0	3892.286	108.275	943.377	3.27%	31.17%
16.0	3749.789	111.978	1055.354	3.38%	34.87%
17.0	3634.526	114.994	1170.348	3.47%	38.67%
18.0	3512.095	117.832	1288.18	3.56%	42.56%
19.0	3368.685	119.711	1407.892	3.62%	46.51%
20.0	3229.479	120.765	1528.657	3.65%	50.50%
21.0	3080.360	121.162	1649.818	3.66%	54.51%
22.0	2928.526	120.751	1770.569	3.65%	58.50%
23.0	2775.931	119.695	1890.264	3.62%	62.45%
24.0	2615.898	117.885	2008.149	3.56%	66.35%
25.0	2443.236	115.034	2123.183	3.47%	70.15%
26.0	2274.971	111.374	2234.556	3.36%	73.83%
27.0	2056.981	105.982	2340.539	3.20%	77.33%
28.0	1772.072	96.944	2437.482	2.93%	80.53%
29.0	1594.779	88.086	2525.568	2.66%	83.44%
30.0	1352.413	79.574	2605.142	2.40%	86.07%
31.0	1115.501	68.678	2673.821	2.07%	88.34%
32.0	961.342	59.499	2733.32	1.80%	90.31%
33.0	769.127	50.980	2784.3	1.54%	91.99%
34.0	589.219	41.108	2825.407	1.24%	93.35%
35.0	450.546	32.291	2857.699	0.98%	94.41%
36.0	340.796	25.196	2882.895	0.76%	95.25%
37.0	249.948	19.267	2902.162	0.58%	95.88%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	183.200	14.458	2916.62	0.44%	96.36%
39.0	162.681	11.806	2928.426	0.36%	96.75%
40.0	116.097	9.723	2938.149	0.29%	97.07%
41.0	97.221	7.596	2945.745	0.23%	97.32%
42.0	82.431	6.527	2952.272	0.20%	97.54%
43.0	71.978	5.720	2957.992	0.17%	97.73%
44.0	62.832	5.088	2963.08	0.15%	97.90%
45.0	55.815	4.560	2967.639	0.14%	98.05%
46.0	49.849	4.132	2971.772	0.12%	98.18%
47.0	44.750	3.762	2975.534	0.11%	98.31%
48.0	40.421	3.443	2978.977	0.10%	98.42%
49.0	36.892	3.175	2982.152	0.10%	98.53%
50.0	33.817	2.948	2985.1	0.09%	98.62%
51.0	31.045	2.744	2987.844	0.08%	98.71%
52.0	28.430	2.552	2990.396	0.08%	98.80%
53.0	26.242	2.378	2992.775	0.07%	98.88%
54.0	24.376	2.231	2995.006	0.07%	98.95%
55.0	22.457	2.091	2997.096	0.06%	99.02%
56.0	20.979	1.963	2999.059	0.06%	99.08%
57.0	19.514	1.851	3000.91	0.06%	99.15%
58.0	18.127	1.741	3002.651	0.05%	99.20%
59.0	16.971	1.641	3004.292	0.05%	99.26%
60.0	15.848	1.550	3005.842	0.05%	99.31%
61.0	14.888	1.467	3007.309	0.04%	99.36%
62.0	14.021	1.393	3008.702	0.04%	99.40%
63.0	13.154	1.322	3010.024	0.04%	99.45%
64.0	12.392	1.254	3011.277	0.04%	99.49%
65.0	11.787	1.197	3012.474	0.04%	99.53%
66.0	11.078	1.141	3013.615	0.03%	99.57%
67.0	10.421	1.081	3014.696	0.03%	99.60%
68.0	9.809	1.025	3015.721	0.03%	99.64%
69.0	9.192	0.969	3016.69	0.03%	99.67%
70.0	8.660	0.917	3017.607	0.03%	99.70%
71.0	8.075	0.865	3018.472	0.03%	99.73%
72.0	7.516	0.811	3019.282	0.02%	99.75%
73.0	7.050	0.762	3020.044	0.02%	99.78%
74.0	6.636	0.720	3020.764	0.02%	99.80%
75.0	6.176	0.677	3021.441	0.02%	99.82%

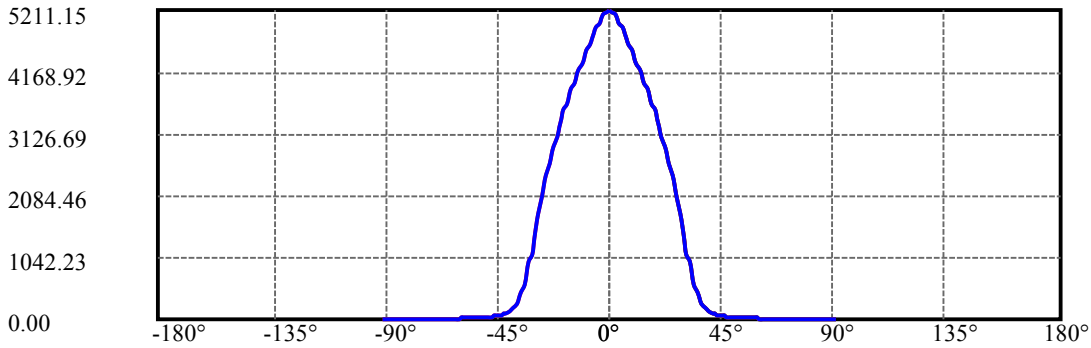
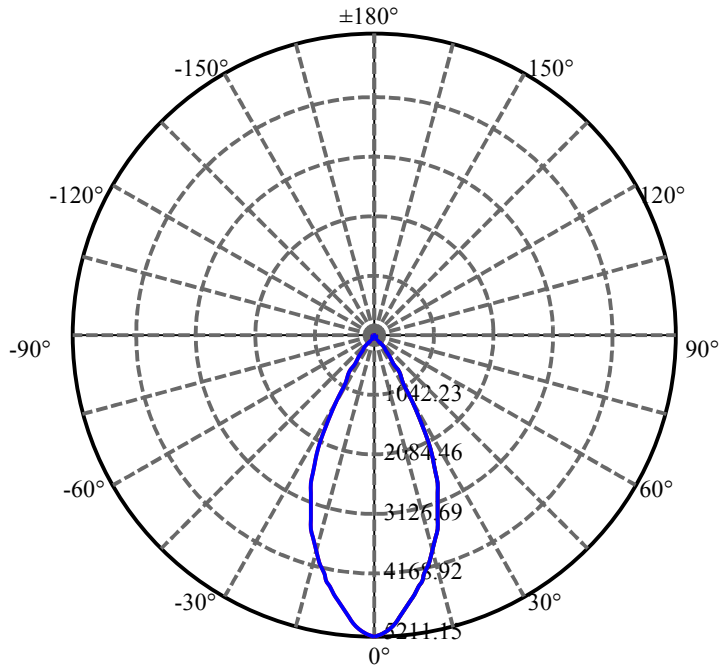
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.696	0.630	3022.071	0.02%	99.85%
77.0	5.315	0.587	3022.658	0.02%	99.86%
78.0	4.875	0.546	3023.203	0.02%	99.88%
79.0	4.448	0.501	3023.704	0.02%	99.90%
80.0	4.067	0.459	3024.163	0.01%	99.91%
81.0	3.673	0.419	3024.582	0.01%	99.93%
82.0	3.325	0.379	3024.961	0.01%	99.94%
83.0	2.904	0.339	3025.3	0.01%	99.95%
84.0	2.569	0.298	3025.598	0.01%	99.96%
85.0	2.293	0.265	3025.864	0.01%	99.97%
86.0	1.971	0.233	3026.097	0.01%	99.98%
87.0	1.748	0.204	3026.3	0.01%	99.98%
88.0	1.465	0.176	3026.476	0.01%	99.99%
89.0	1.294	0.151	3026.627	0.00%	100.00%
90.0	1.150	0.134	3026.761	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2605.14	78.68%	86.07%
0-40	2938.15	88.74%	97.07%
0-60	3005.84	90.78%	99.31%
0-90	3026.63	91.41%	100.00%
0-120	3026.63	91.41%	100.00%
0-180	3026.76	91.42%	100.00%
60-90	20.78	0.63%	0.69%
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%
0-27.83	2421.41	73.13%	80.00%

ZONAL LUMEN SUMMARY

0-10	452.50
10-20	1076.16
20-30	1076.49
30-40	333.01
40-50	46.95
50-60	20.74
60-70	11.76
70-80	6.56
80-90	2.46
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: —————

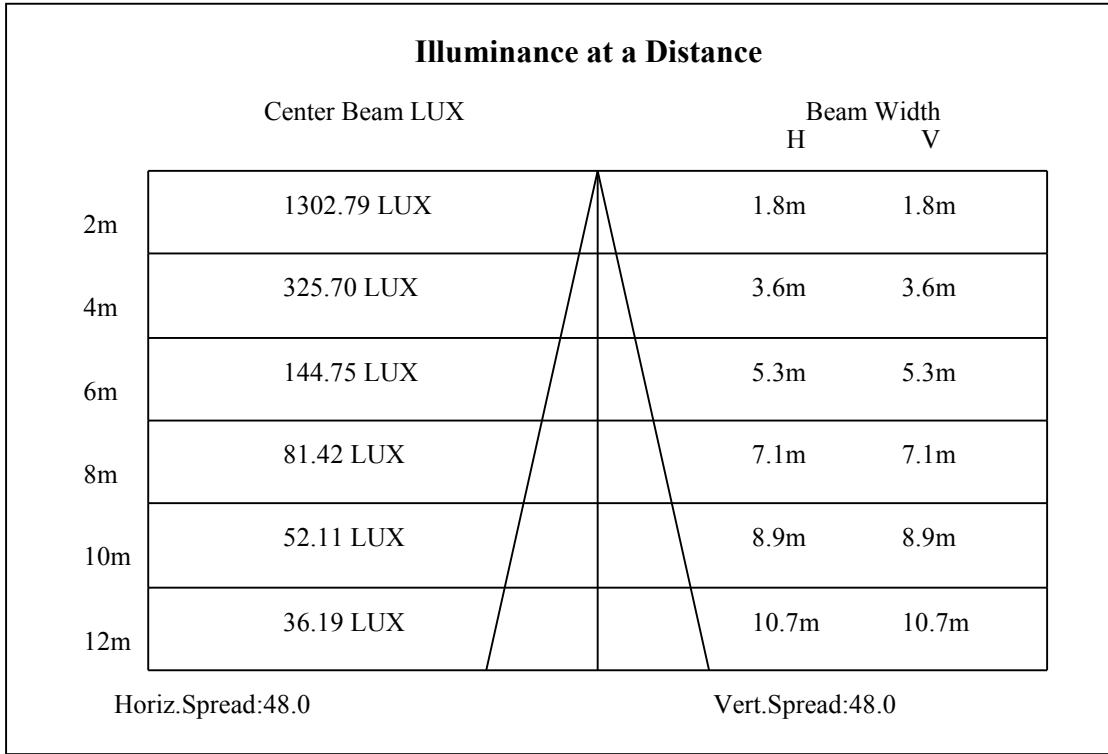
C90/C270: —————

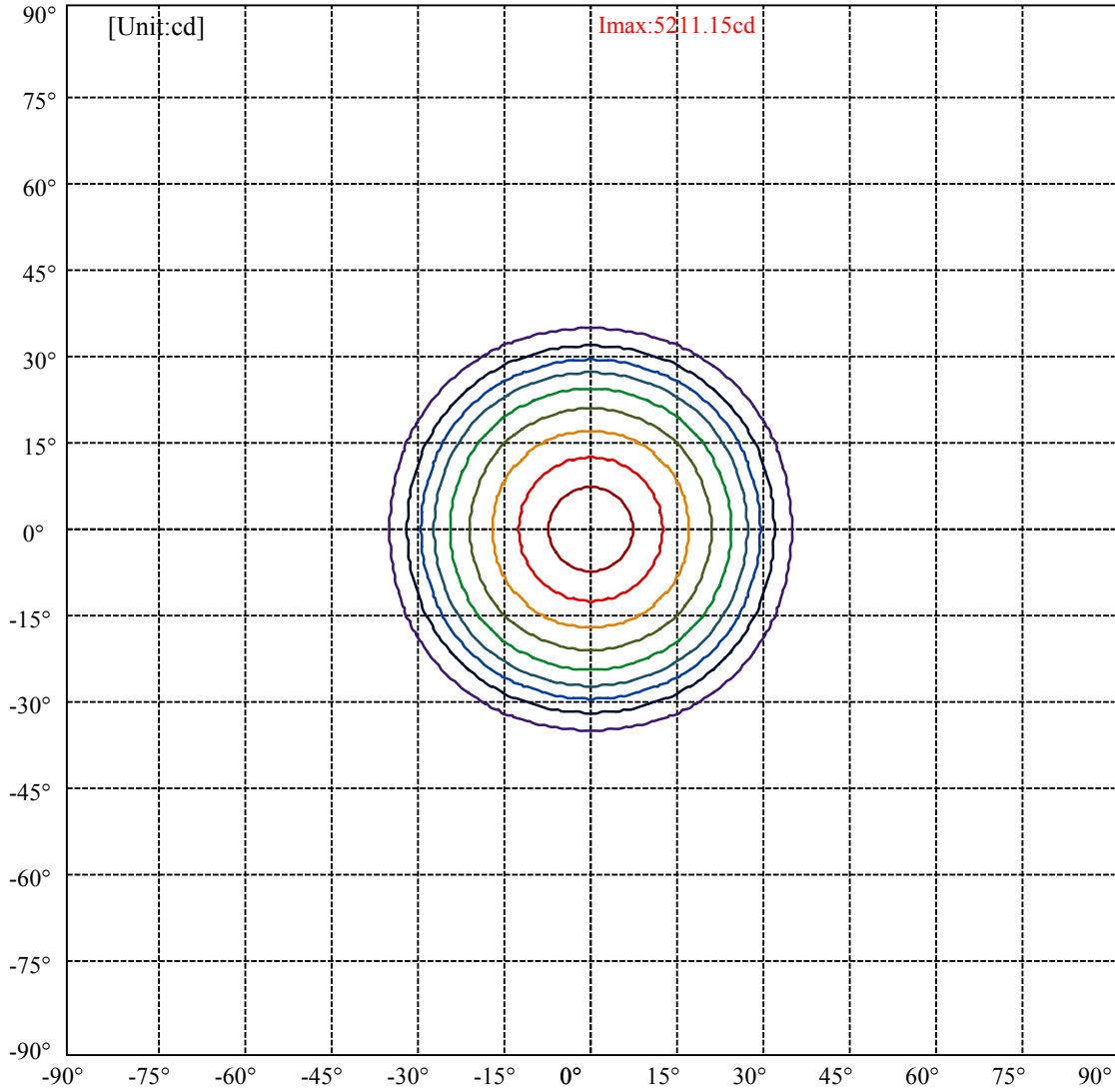
Field angle(10%Imax):C0/180Left:34.5 Right:34.5

:C90/270Left:34.5 Right:34.5

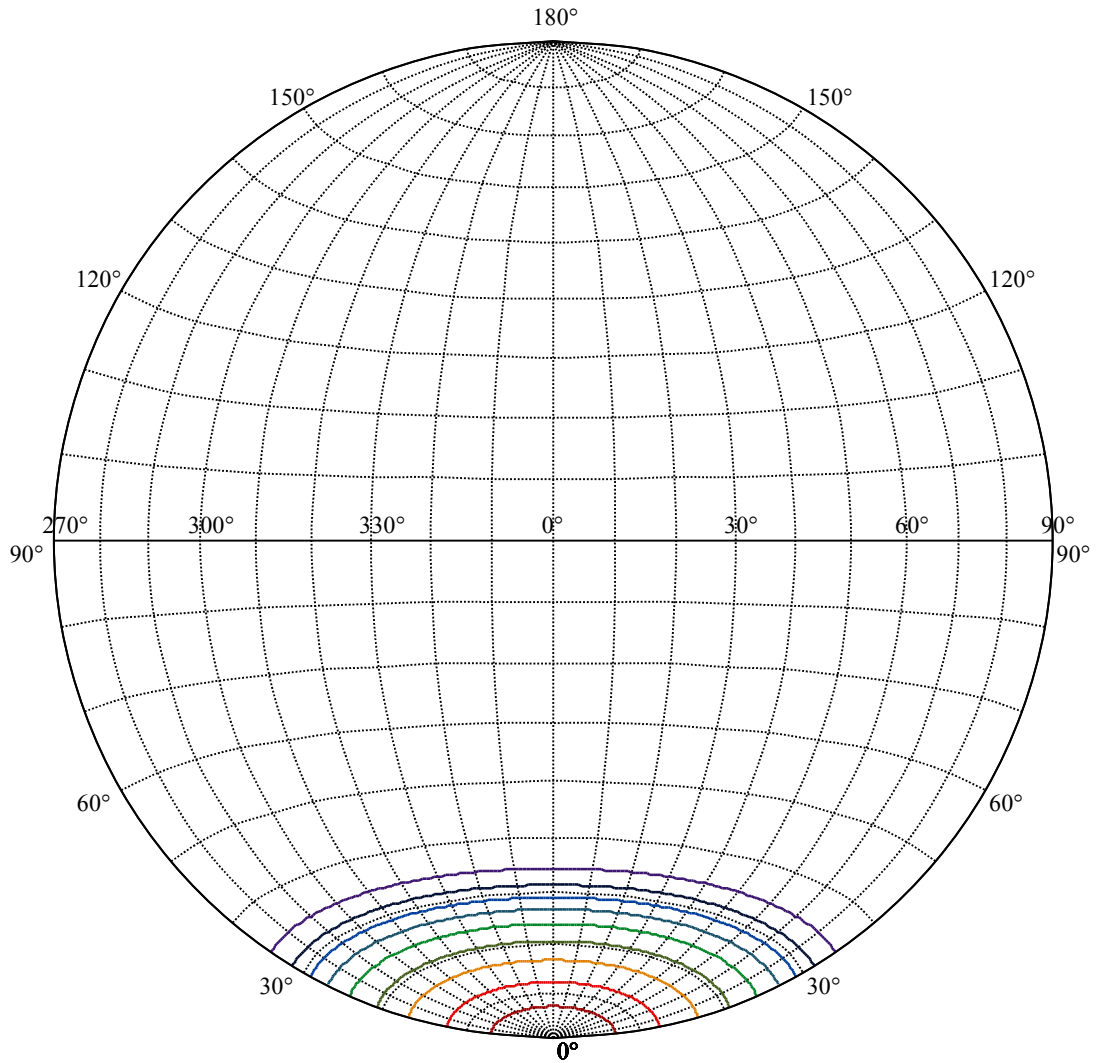
Beam Angle(50%Imax):C0/180Left:24.1 Right:24.1

:C90/270Left:24.1 Right:24.1





(10%Imax) 521.115	—
(20%Imax) 1042.23	—
(30%Imax) 1563.35	—
(40%Imax) 2084.46	—
(50%Imax) 2605.58	—
(60%Imax) 3126.69	—
(70%Imax) 3647.81	—
(80%Imax) 4168.92	—
(90%Imax) 4690.04	—



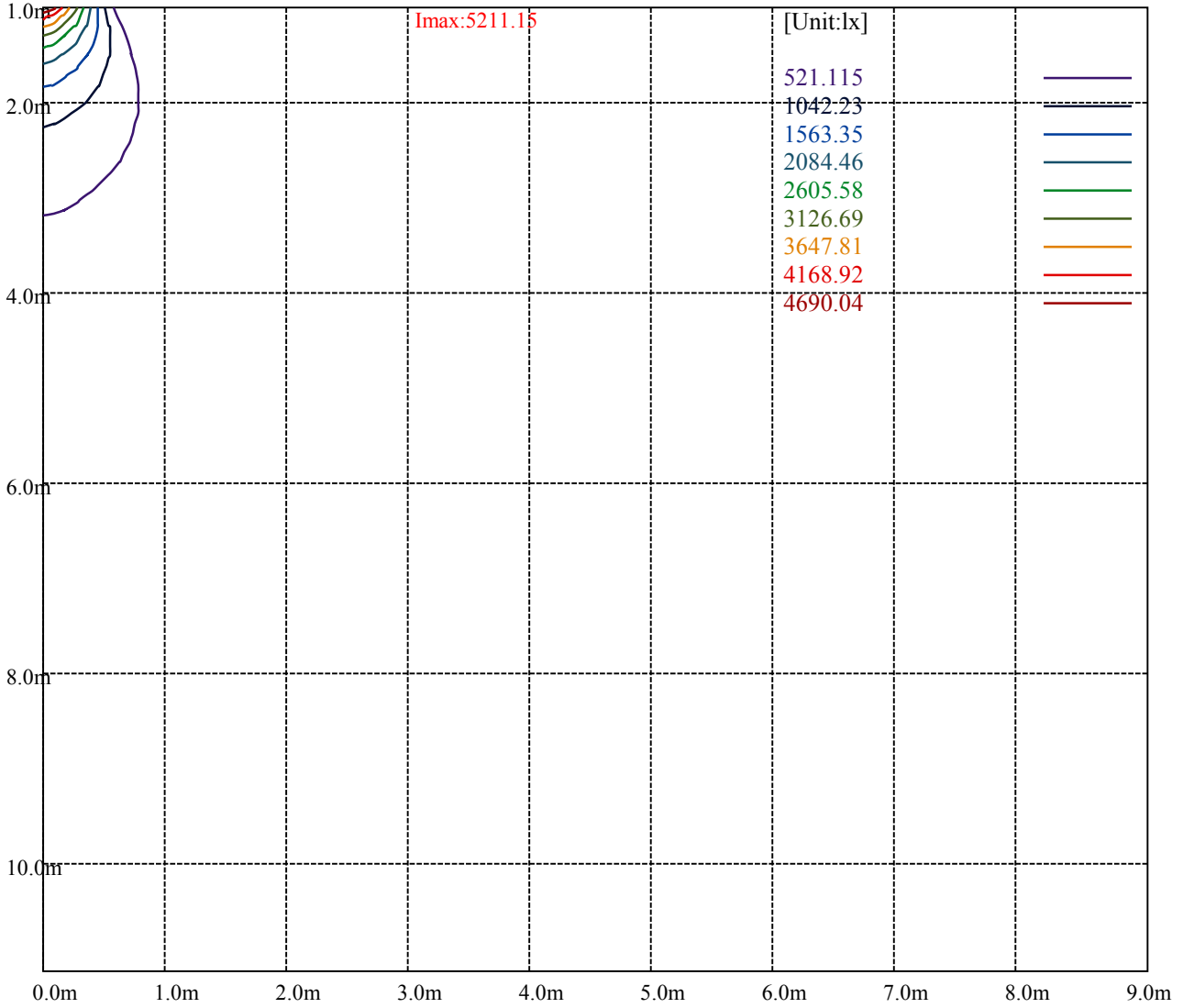
House

[Unit:cd]

Road

Imax:5211.15

(10%Imax)	521.115	—
(20%Imax)	1042.23	—
(30%Imax)	1563.35	—
(40%Imax)	2084.46	—
(50%Imax)	2605.58	—
(60%Imax)	3126.69	—
(70%Imax)	3647.81	—
(80%Imax)	4168.92	—
(90%Imax)	4690.04	—



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

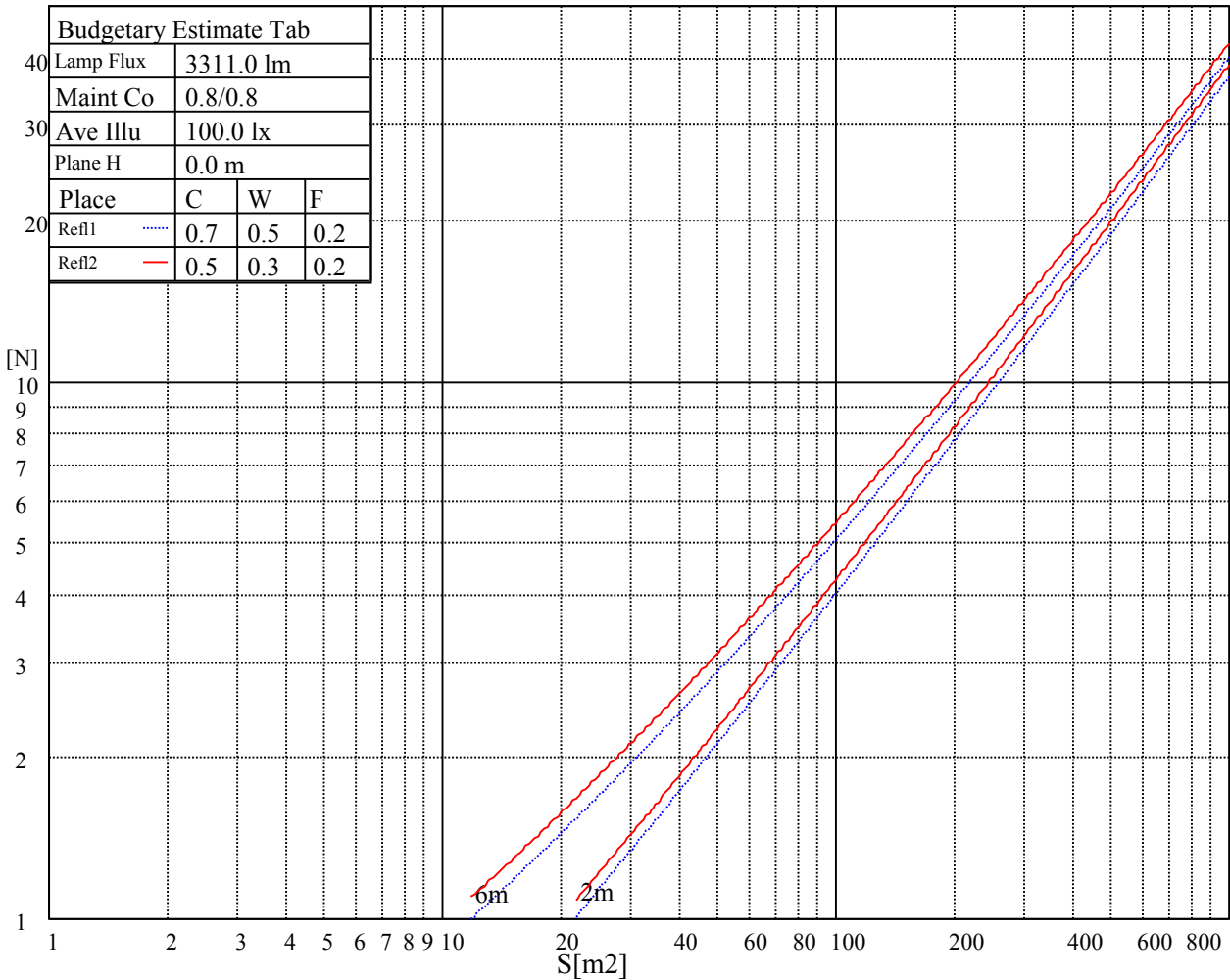
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

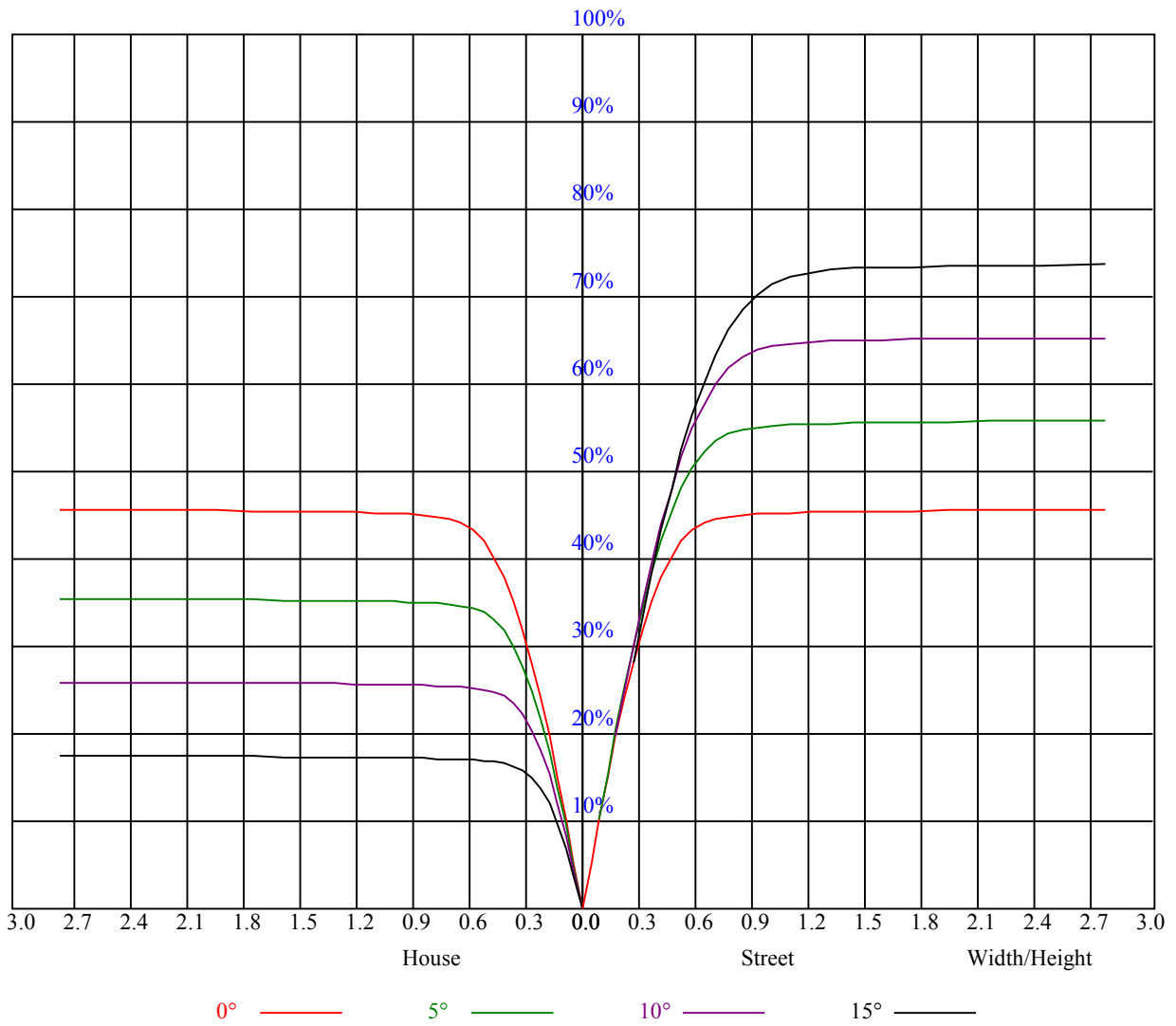


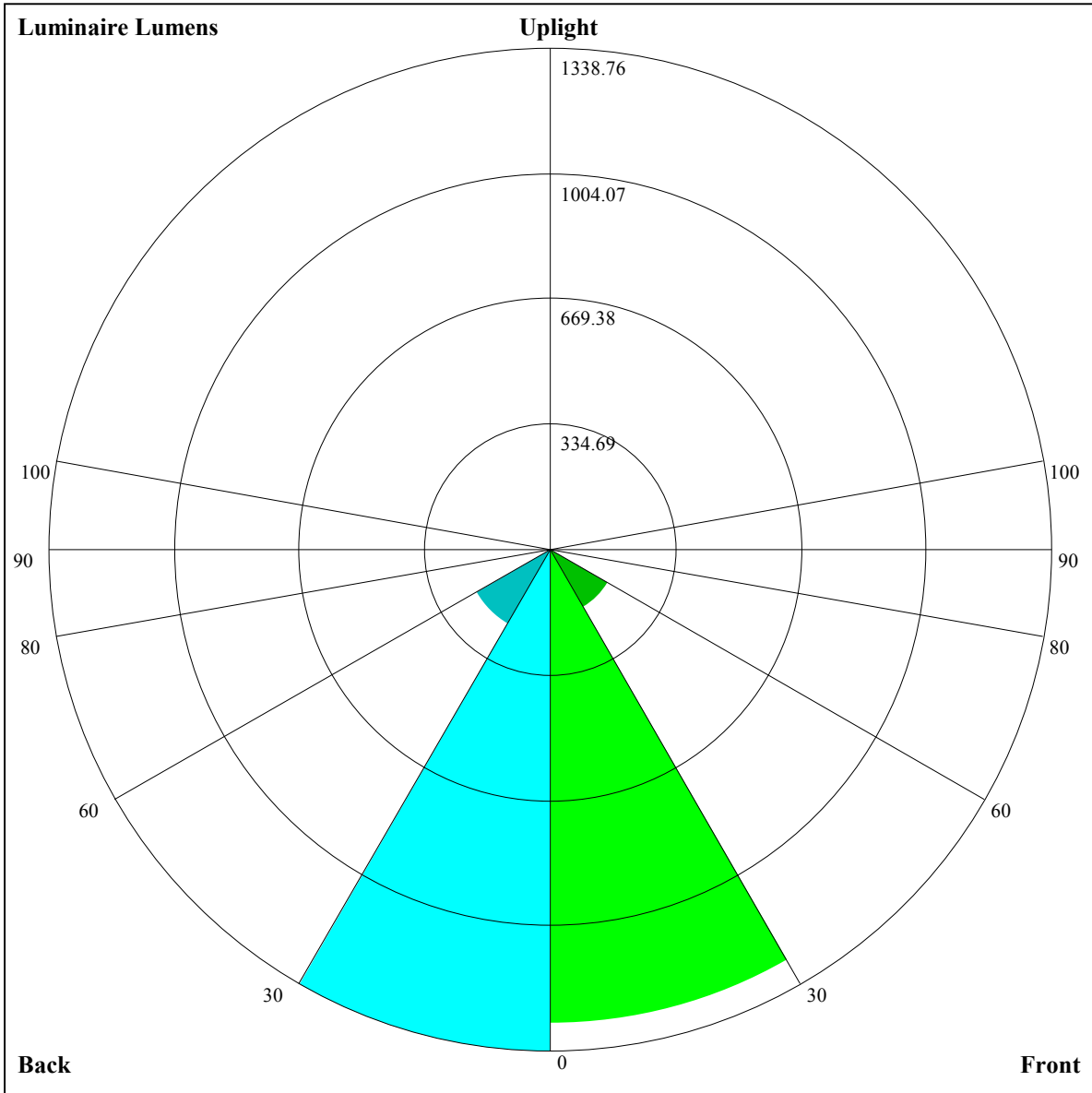
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	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	0.91	0.90	0.89	0.88	0.86
2	0.96	0.92	0.89	0.94	0.91	0.88	0.91	0.89	0.87	0.88	0.86	0.85	0.86	0.84	0.83	0.82
3	0.90	0.86	0.83	0.89	0.85	0.82	0.86	0.83	0.81	0.84	0.82	0.80	0.82	0.80	0.78	0.77
4	0.85	0.81	0.77	0.84	0.80	0.77	0.82	0.79	0.76	0.80	0.77	0.75	0.79	0.76	0.74	0.73
5	0.80	0.76	0.72	0.80	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.72	0.70	0.69
6	0.76	0.71	0.68	0.76	0.71	0.68	0.74	0.70	0.67	0.73	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	0.62	0.60	0.59
9	0.66	0.61	0.58	0.65	0.61	0.58	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	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.53





Luminaire Lumens:

FL=1263.49,FM=179.6,FH=8.53,FVH=1.19

BL=1338.76,BM=231.71,BH=9.71,BVH=1.41

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	5191.91	5118.96	5035.91	4952.33	4873.23	4782.40	4690.47	4584.08	4470.97
45.0	5239.85	5185.82	5094.41	5000.27	4909.44	4830.34	4743.98	4645.89	4554.54
90.0	5170.78	5081.06	4987.45	4890.52	4783.56	4676.54	4577.41	4477.12	4376.25
135.0	5242.06	5191.91	5128.42	5044.84	4951.23	4844.84	4731.73	4630.34	4527.79
180.0	5191.91	5224.24	5204.21	5161.27	5084.42	5027.02	4882.16	4781.87	4723.90
225.0	5239.85	5244.84	5223.71	5169.10	5089.99	5005.26	4904.45	4802.48	4703.87
270.0	5170.78	5232.60	5262.14	5256.57	5230.91	5164.63	5053.20	5005.26	4911.12
315.0	5242.06	5236.49	5188.02	5129.00	5057.09	4967.42	4869.34	4771.83	4678.80
360.0	5191.91	5118.96	5035.91	4952.33	4873.23	4782.40	4690.47	4584.08	4470.97
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4366.79	4267.02	4149.49	4031.91	3921.06	3827.44	3700.40	3528.26	3406.21
45.0	4450.89	4348.97	4233.59	4127.73	4019.66	3906.55	3785.66	3650.26	3500.93
90.0	4277.64	4172.31	4068.13	3958.38	3847.52	3734.41	3659.19	3470.28	3380.03
135.0	4469.28	4337.25	4226.39	4161.74	4046.42	3941.08	3836.38	3717.11	3600.69
180.0	4620.82	4517.75	4415.25	4307.18	4211.31	4116.06	4015.78	3903.24	3795.70
225.0	4603.00	4509.97	4421.40	4327.21	4215.25	4104.34	4032.49	3883.74	3762.27
270.0	4812.52	4701.08	4609.68	4502.71	4400.22	4287.10	4180.66	4048.63	3944.45
315.0	4574.62	4486.00	4376.83	4239.74	4152.81	4039.74	3927.73	3796.80	3685.95
360.0	4366.79	4267.02	4149.49	4031.91	3921.06	3827.44	3700.40	3528.26	3406.21
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3251.88	3090.89	2928.20	2773.83	2608.36	2442.32	2266.28	2070.70	1854.51
45.0	3342.71	3183.34	3016.19	2845.16	2679.11	2511.44	2342.61	2159.32	2032.80
90.0	3238.53	3090.89	2942.13	2788.34	2628.97	2467.39	2284.68	2074.59	1854.51
135.0	3484.79	3347.71	3207.31	3065.23	2928.20	2789.44	2636.80	2477.43	2289.68
180.0	3685.95	3573.36	3446.37	3301.50	3161.63	3031.28	2893.62	2745.97	2651.25
225.0	3688.15	3514.33	3430.75	3282.00	3129.31	2974.98	2820.08	2654.04	2472.43
270.0	3839.17	3718.80	3585.66	3453.04	3305.39	3155.48	3000.64	2845.16	2715.33
315.0	3565.58	3430.18	3279.22	3133.78	2987.23	2835.12	2682.47	2518.69	2329.25
360.0	3251.88	3090.89	2928.20	2773.83	2608.36	2442.32	2266.28	2070.70	1854.51
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1622.76	1075.22	1029.12	939.55	729.15	611.14	377.24	301.55	212.30
45.0	1815.51	1587.65	1356.43	1136.93	924.05	720.68	532.41	373.61	297.82
90.0	1623.87	1077.69	1077.69	899.29	695.66	582.76	412.72	252.67	211.67
135.0	2085.73	1851.20	1606.05	1463.39	1227.18	910.70	785.91	592.01	429.33
180.0	2408.89	2296.93	2090.78	1864.55	1621.66	1379.82	1144.13	921.84	715.69
225.0	2269.07	2047.31	1813.30	1574.30	1025.07	1025.07	897.14	694.61	547.07
270.0	2516.43	2360.42	2146.49	1869.60	1676.80	1436.11	1198.74	973.09	757.48
315.0	2113.59	1880.16	1638.37	1071.70	1024.44	1024.44	804.73	604.36	433.01
360.0	1622.76	1075.22	1029.12	939.55	729.15	611.14	377.24	301.55	212.30
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	162.26	130.88	107.81	91.09	77.32	66.60	57.77	50.99	45.26
45.0	297.82	145.81	118.42	99.29	84.52	74.59	62.39	54.77	49.62
90.0	165.36	132.40	109.44	92.09	78.42	67.81	59.50	52.67	47.25
135.0	309.54	309.54	172.04	137.87	113.38	95.61	81.94	71.12	62.76
180.0	531.83	378.03	287.25	287.25	155.32	127.62	107.33	92.19	84.57
225.0	388.44	272.69	204.73	162.79	131.98	109.70	92.77	79.11	68.02
270.0	565.26	403.10	287.25	287.25	169.41	136.45	113.01	101.97	81.37
315.0	305.86	227.12	178.66	143.81	118.42	99.40	84.73	73.01	63.81
360.0	162.26	130.88	107.81	91.09	77.32	66.60	57.77	50.99	45.26

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	40.68	37.00	33.64	30.75	28.28	25.91	23.81	21.97	20.66
45.0	44.21	39.89	36.22	33.11	30.22	27.81	25.60	23.71	21.87
90.0	42.79	39.05	35.80	32.96	30.49	28.12	26.91	24.13	22.39
135.0	58.50	50.35	45.73	43.31	38.42	36.69	33.90	31.48	29.22
180.0	70.28	65.55	58.76	51.25	48.46	44.26	40.68	37.32	34.38
225.0	59.19	51.93	45.68	40.53	36.16	32.54	29.38	26.81	24.65
270.0	74.48	64.76	57.14	50.72	45.47	40.95	36.90	33.48	30.49
315.0	56.40	50.25	45.05	40.74	37.63	34.27	31.17	28.54	26.28
360.0	40.68	37.00	33.64	30.75	28.28	25.91	23.81	21.97	20.66
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	18.87	17.77	16.56	15.40	14.45	13.51	12.67	12.09	11.51
45.0	20.29	18.87	17.61	16.35	15.30	14.40	13.46	12.62	12.25
90.0	21.34	19.24	18.45	17.19	15.61	14.93	13.88	13.04	12.19
135.0	27.23	25.44	23.81	22.39	20.97	19.61	18.45	17.40	16.35
180.0	31.75	29.22	26.91	24.91	23.13	21.45	19.82	18.40	17.14
225.0	23.50	21.34	20.50	19.13	17.92	16.98	16.03	15.19	14.40
270.0	27.81	25.44	23.34	21.60	19.87	18.45	17.14	16.03	14.93
315.0	24.23	22.34	20.66	19.13	17.77	16.45	15.35	14.35	13.40
360.0	18.87	17.77	16.56	15.40	14.45	13.51	12.67	12.09	11.51
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.99	10.46	10.04	9.51	8.94	8.41	7.94	7.41	6.89
45.0	11.46	10.88	10.62	10.04	9.46	8.88	8.41	7.78	7.25
90.0	11.51	10.78	10.20	9.57	8.88	8.36	7.83	7.36	6.83
135.0	15.35	14.40	13.51	12.93	11.72	10.88	10.41	9.62	8.94
180.0	15.87	14.88	14.24	13.04	12.51	11.67	10.62	10.14	9.36
225.0	13.61	12.83	12.14	11.35	10.67	10.09	9.41	8.83	8.30
270.0	13.88	12.93	12.19	11.46	10.99	10.41	9.78	9.30	8.73
315.0	12.56	11.98	11.35	10.72	10.20	9.78	9.15	8.83	8.30
360.0	10.99	10.46	10.04	9.51	8.94	8.41	7.94	7.41	6.89
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.47	6.04	5.73	5.15	4.73	4.52	4.05	3.73	3.31
45.0	6.78	6.25	5.78	5.41	4.99	4.57	4.10	3.78	3.42
90.0	6.41	5.99	5.57	5.20	4.68	4.31	3.94	3.36	3.10
135.0	8.36	7.83	7.41	6.94	6.52	5.99	5.57	5.15	4.73
180.0	8.57	7.94	7.41	6.94	6.47	6.04	5.62	5.15	4.73
225.0	7.73	7.25	6.99	6.57	5.89	5.68	5.20	4.78	4.47
270.0	8.20	7.73	7.31	6.78	6.36	5.89	5.52	5.05	4.63
315.0	7.62	7.36	6.89	6.41	5.94	5.52	4.99	4.57	4.15
360.0	6.47	6.04	5.73	5.15	4.73	4.52	4.05	3.73	3.31
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.89	2.63	2.31	2.05	1.84	1.58	1.37	1.16	1.16
45.0	3.05	2.68	2.26	2.05	1.79	1.47	1.26	1.00	1.05
90.0	2.79	2.42	2.16	1.89	1.68	1.42	1.26	1.10	1.10
135.0	4.26	3.94	3.36	3.00	2.79	2.47	2.16	1.79	1.31
180.0	4.36	3.99	3.47	3.05	2.79	2.31	2.16	1.79	1.58
225.0	3.99	3.57	3.21	2.84	2.47	2.16	1.89	1.58	1.42
270.0	4.26	3.89	3.42	3.00	2.68	2.26	2.05	1.79	1.47
315.0	3.78	3.47	3.05	2.68	2.31	2.10	1.84	1.52	1.26
360.0	2.89	2.63	2.31	2.05	1.84	1.58	1.37	1.16	1.16

Intensity data(cd)

C/ γ (°)	90.0
0.0	1.10
45.0	0.95
90.0	1.10
135.0	1.05
180.0	1.31
225.0	1.31
270.0	1.31
315.0	1.05
360.0	1.10