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Nata

Client:

LumCAT: 2-2763-L

Luminaire: 92.70.411.00

Report No: 2024829-B018

Ballast type: AC

Test No: 2024829-C018

Voltage(V): 35.100

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.598

Lamp flux(lm): 3408.0

Power (W): 20.980

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3180.88, Efficiency(%): 93.34% , Luminous Efficacy(lm/W): 151.61

Central intensity(cd): 4625.579, Maximum intensity(cd): 4625.579

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=51.0

[C90/270]Total=51.0

Field angle(10%Imax): [C0/180]Total=74.4

[C90/270]Total=74.4

Maximum s/h(1/2): C0_180=0.81 C90_270=0.81

Maximum s/h(1/4): C0_180=0.77 C90_270=0.77

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.34%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.148%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/29
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	4625.579	0.000	0	0.00%	0.00%
1.0	4622.931	4.425	4.425	0.13%	0.14%
2.0	4621.045	13.268	17.693	0.39%	0.56%
3.0	4616.328	22.093	39.786	0.65%	1.25%
4.0	4608.792	30.879	70.665	0.91%	2.22%
5.0	4595.980	39.598	110.264	1.16%	3.47%
6.0	4577.938	48.211	158.475	1.41%	4.98%
7.0	4539.429	56.591	215.066	1.66%	6.76%
8.0	4500.993	64.701	279.767	1.90%	8.80%
9.0	4448.890	72.534	352.301	2.13%	11.08%
10.0	4381.117	79.908	432.209	2.34%	13.59%
11.0	4311.065	86.853	519.062	2.55%	16.32%
12.0	4225.894	93.321	612.383	2.74%	19.25%
13.0	4115.578	98.992	711.375	2.90%	22.36%
14.0	4016.458	104.089	815.465	3.05%	25.64%
15.0	3899.940	108.680	924.145	3.19%	29.05%
16.0	3763.856	112.296	1036.441	3.30%	32.58%
17.0	3641.353	115.319	1151.76	3.38%	36.21%
18.0	3501.431	117.769	1269.529	3.46%	39.91%
19.0	3359.434	119.365	1388.894	3.50%	43.66%
20.0	3208.159	120.205	1509.099	3.53%	47.44%
21.0	3052.370	120.215	1629.314	3.53%	51.22%
22.0	2892.587	119.466	1748.78	3.51%	54.98%
23.0	2728.585	117.947	1866.727	3.46%	58.69%
24.0	2563.591	115.706	1982.433	3.40%	62.32%
25.0	2392.967	112.701	2095.135	3.31%	65.87%
26.0	2218.216	108.848	2203.982	3.19%	69.29%
27.0	2055.805	104.565	2308.547	3.07%	72.58%
28.0	1855.292	99.021	2407.568	2.91%	75.69%
29.0	1640.233	91.453	2499.021	2.68%	78.56%
30.0	1481.592	84.289	2583.309	2.47%	81.21%
31.0	1298.031	77.353	2660.662	2.27%	83.65%
32.0	1101.710	68.750	2729.412	2.02%	85.81%
33.0	978.582	61.286	2790.698	1.80%	87.73%
34.0	823.746	54.544	2845.242	1.60%	89.45%
35.0	686.775	46.911	2892.153	1.38%	90.92%
36.0	574.212	40.150	2932.303	1.18%	92.19%
37.0	475.152	34.224	2966.527	1.00%	93.26%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	392.635	28.966	2995.493	0.85%	94.17%
39.0	329.606	24.652	3020.145	0.72%	94.95%
40.0	265.651	20.760	3040.906	0.61%	95.60%
41.0	224.751	17.463	3058.369	0.51%	96.15%
42.0	187.320	14.971	3073.34	0.44%	96.62%
43.0	148.049	12.423	3085.763	0.36%	97.01%
44.0	113.292	9.864	3095.627	0.29%	97.32%
45.0	92.385	7.904	3103.531	0.23%	97.57%
46.0	77.530	6.645	3110.176	0.19%	97.78%
47.0	65.473	5.688	3115.864	0.17%	97.96%
48.0	55.749	4.900	3120.764	0.14%	98.11%
49.0	47.878	4.256	3125.019	0.12%	98.24%
50.0	42.727	3.778	3128.797	0.11%	98.36%
51.0	38.095	3.419	3132.217	0.10%	98.47%
52.0	34.468	3.114	3135.33	0.09%	98.57%
53.0	31.669	2.877	3138.207	0.08%	98.66%
54.0	29.041	2.676	3140.883	0.08%	98.74%
55.0	26.761	2.491	3143.374	0.07%	98.82%
56.0	24.790	2.329	3145.703	0.07%	98.89%
57.0	23.095	2.189	3147.893	0.06%	98.96%
58.0	21.583	2.066	3149.959	0.06%	99.03%
59.0	20.230	1.955	3151.914	0.06%	99.09%
60.0	19.021	1.854	3153.768	0.05%	99.15%
61.0	17.990	1.766	3155.534	0.05%	99.20%
62.0	17.024	1.687	3157.221	0.05%	99.26%
63.0	16.163	1.614	3158.835	0.05%	99.31%
64.0	15.375	1.548	3160.383	0.05%	99.36%
65.0	14.658	1.486	3161.869	0.04%	99.40%
66.0	14.021	1.431	3163.3	0.04%	99.45%
67.0	13.338	1.376	3164.676	0.04%	99.49%
68.0	12.727	1.320	3165.996	0.04%	99.53%
69.0	12.109	1.267	3167.263	0.04%	99.57%
70.0	11.531	1.214	3168.477	0.04%	99.61%
71.0	10.979	1.163	3169.641	0.03%	99.65%
72.0	10.368	1.110	3170.751	0.03%	99.68%
73.0	9.862	1.058	3171.809	0.03%	99.71%
74.0	9.382	1.012	3172.82	0.03%	99.75%
75.0	8.673	0.954	3173.774	0.03%	99.78%

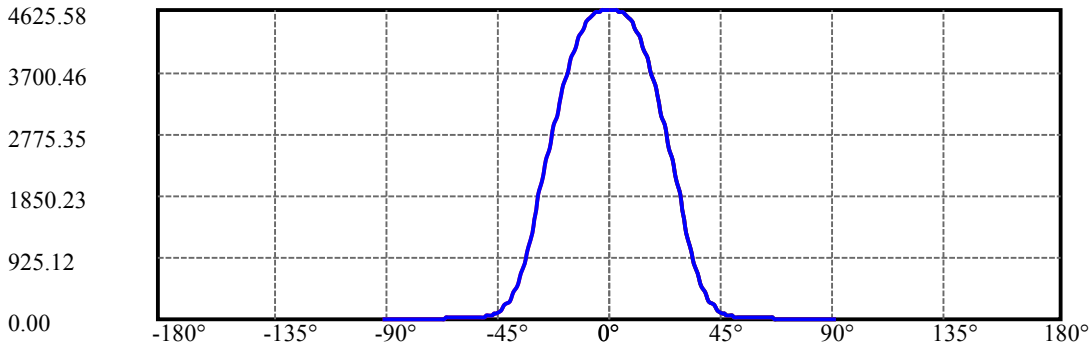
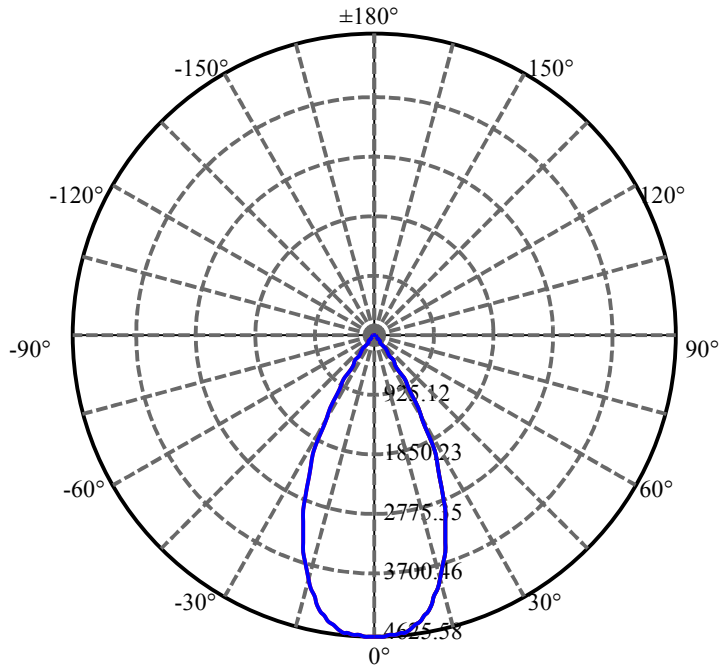
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.957	0.883	3174.657	0.03%	99.80%
77.0	7.254	0.811	3175.468	0.02%	99.83%
78.0	6.616	0.742	3176.21	0.02%	99.85%
79.0	6.018	0.679	3176.889	0.02%	99.87%
80.0	5.421	0.617	3177.506	0.02%	99.89%
81.0	4.882	0.557	3178.063	0.02%	99.91%
82.0	4.323	0.499	3178.562	0.01%	99.93%
83.0	3.844	0.444	3179.006	0.01%	99.94%
84.0	3.338	0.391	3179.397	0.01%	99.95%
85.0	2.950	0.343	3179.741	0.01%	99.96%
86.0	2.530	0.300	3180.04	0.01%	99.97%
87.0	2.168	0.257	3180.297	0.01%	99.98%
88.0	1.846	0.220	3180.517	0.01%	99.99%
89.0	1.662	0.192	3180.709	0.01%	99.99%
90.0	1.452	0.171	3180.88	0.01%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2583.31	75.80%	81.21%
0-40	3040.91	89.23%	95.60%
0-60	3153.77	92.54%	99.15%
0-90	3180.71	93.33%	99.99%
0-120	3180.71	93.33%	99.99%
0-180	3180.88	93.34%	100.00%
60-90	26.94	0.79%	0.85%
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%
0-29.54	2544.70	74.67%	80.00%

ZONAL LUMEN SUMMARY

0-10	432.21
10-20	1076.89
20-30	1074.21
30-40	457.60
40-50	87.89
50-60	24.97
60-70	14.71
70-80	9.03
80-90	3.20
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: —————

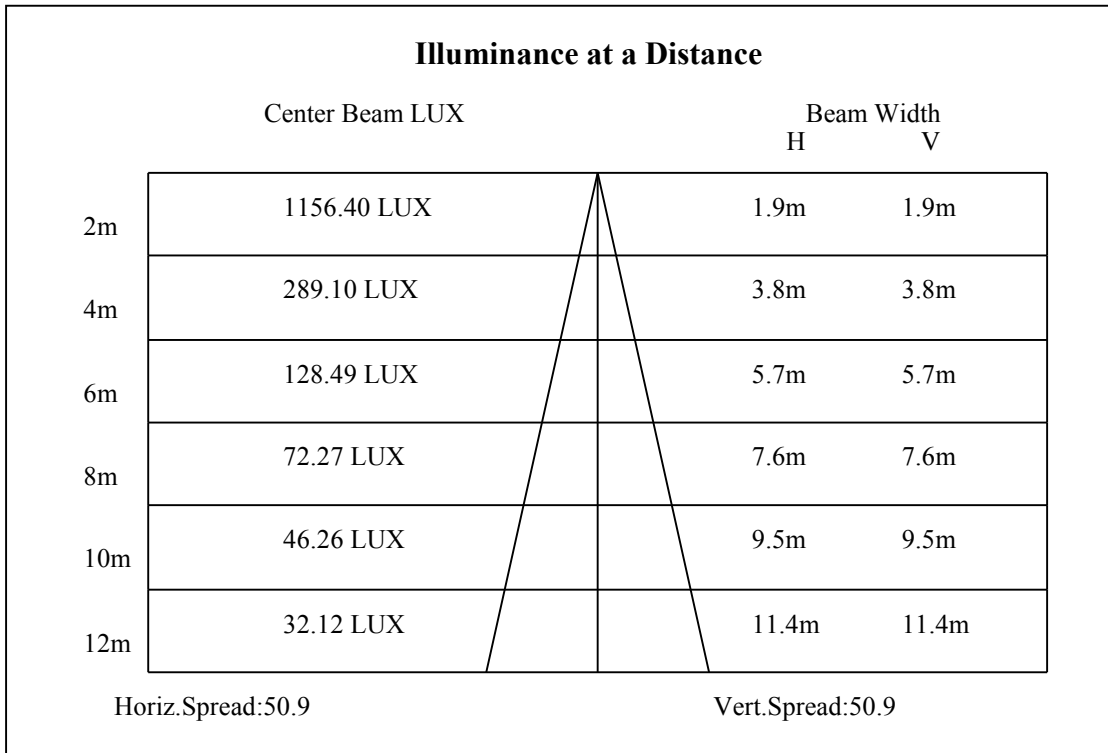
C90/C270: —————

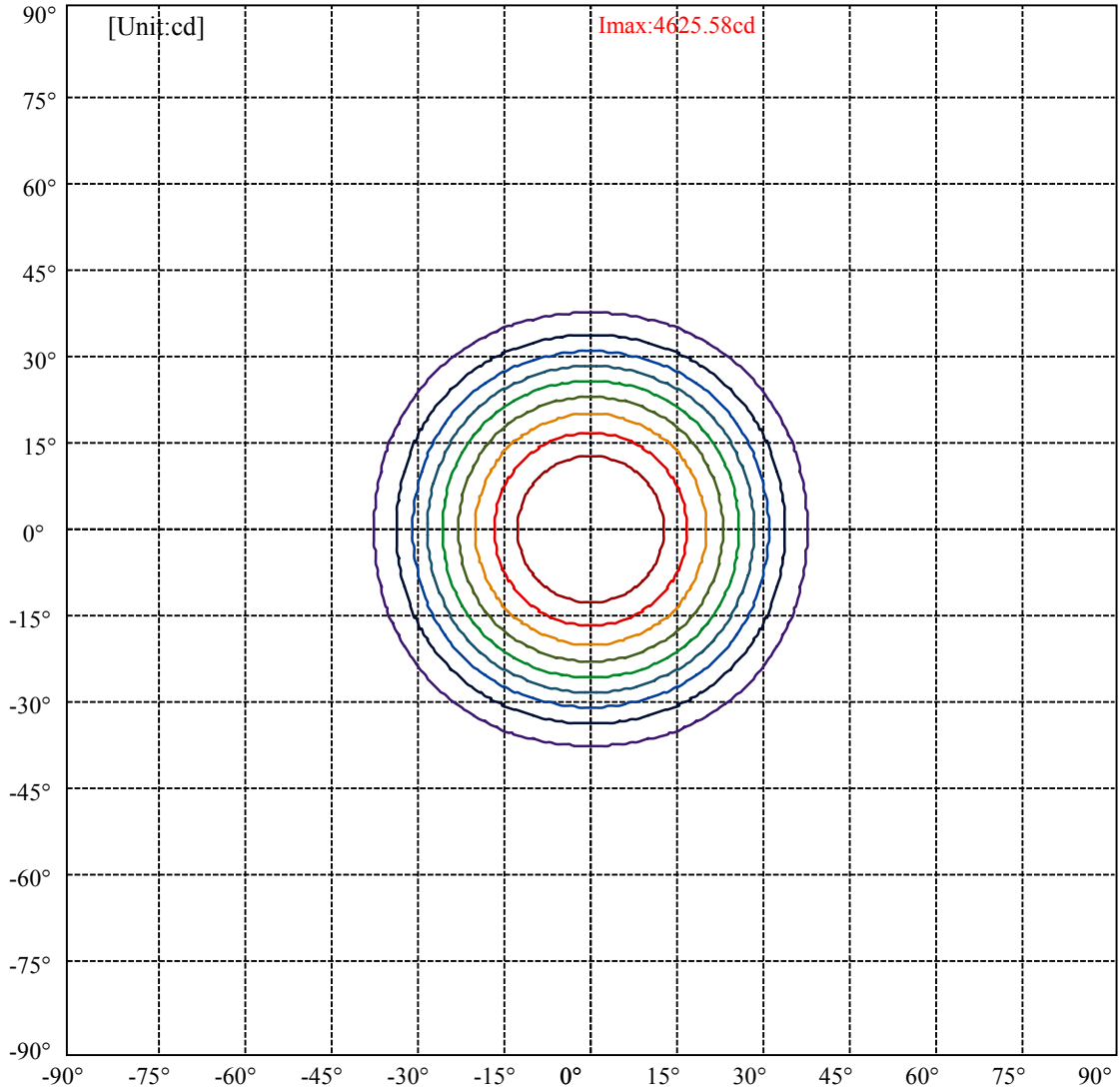
Field angle(10%Imax):C0/180Left:37.2 Right:37.2

:C90/270Left:37.2 Right:37.2

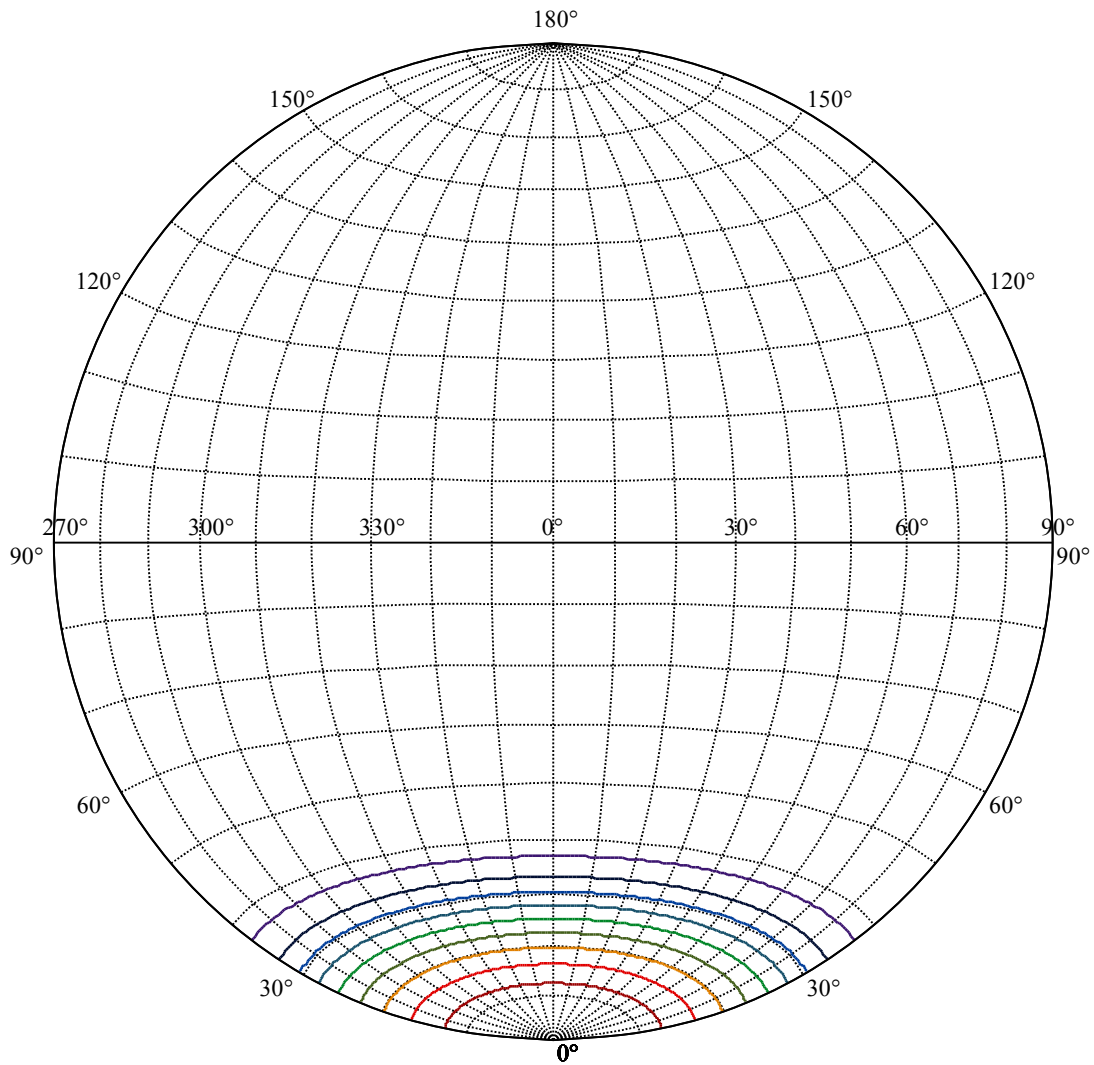
Beam Angle(50%Imax):C0/180Left:25.5 Right:25.5

:C90/270Left:25.5 Right:25.5





(10%Imax) 462.558	—
(20%Imax) 925.116	—
(30%Imax) 1387.67	—
(40%Imax) 1850.23	—
(50%Imax) 2312.79	—
(60%Imax) 2775.35	—
(70%Imax) 3237.91	—
(80%Imax) 3700.46	—
(90%Imax) 4163.02	—



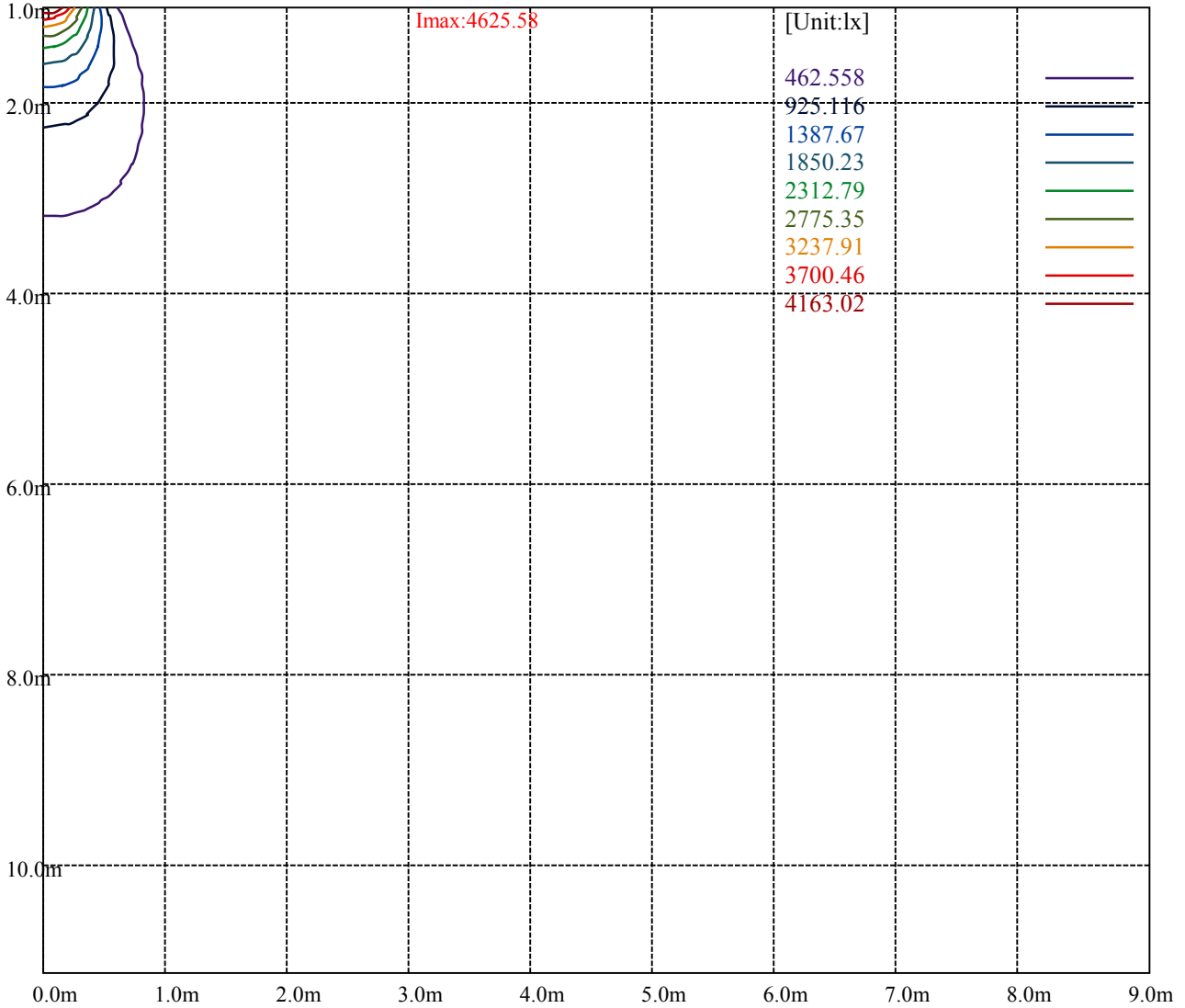
House

[Unit:cd]

Road

Imax:4625.58

(10%Imax) 462.558	—
(20%Imax) 925.116	—
(30%Imax) 1387.67	—
(40%Imax) 1850.23	—
(50%Imax) 2312.79	—
(60%Imax) 2775.35	—
(70%Imax) 3237.91	—
(80%Imax) 3700.46	—
(90%Imax) 4163.02	—



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

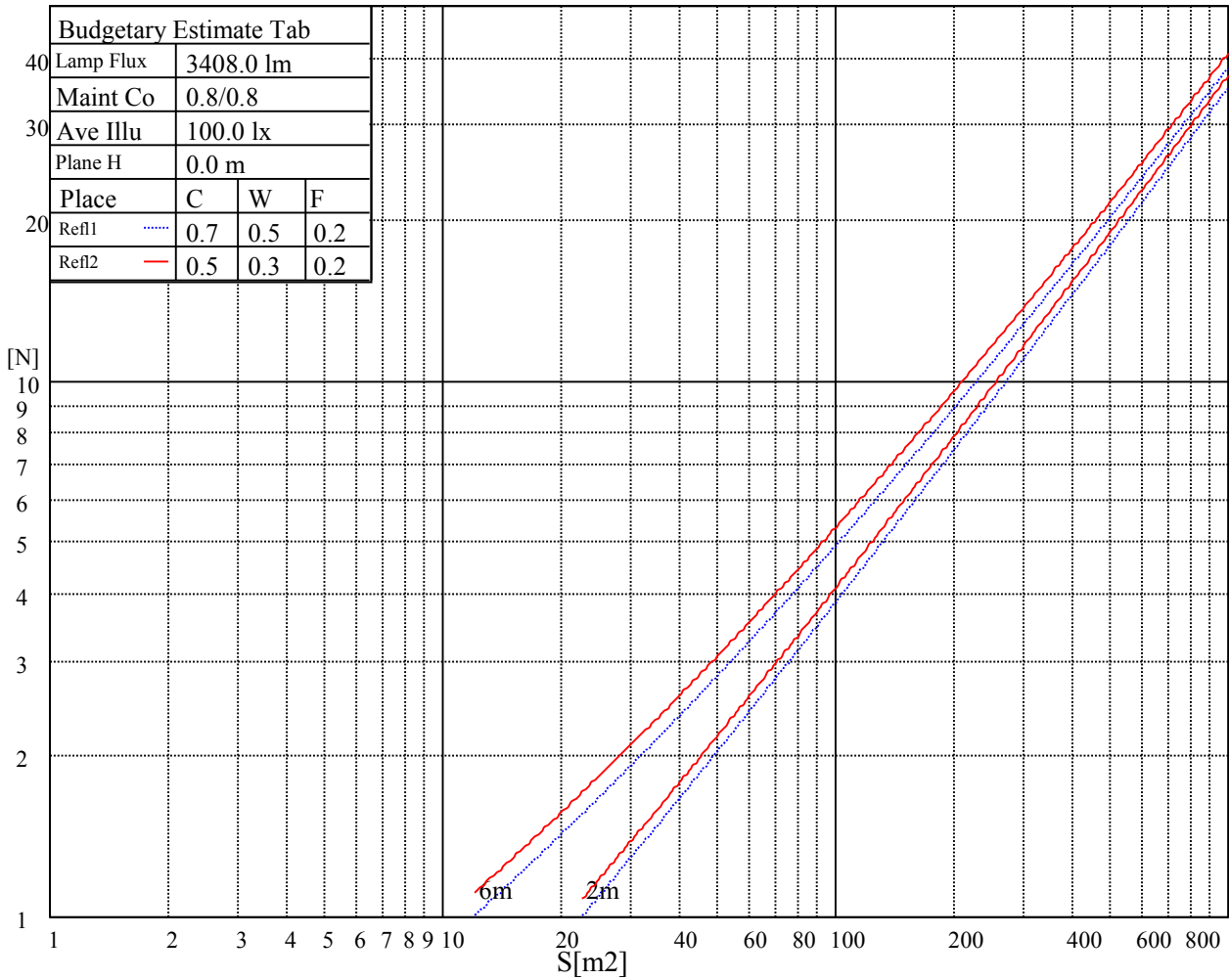
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

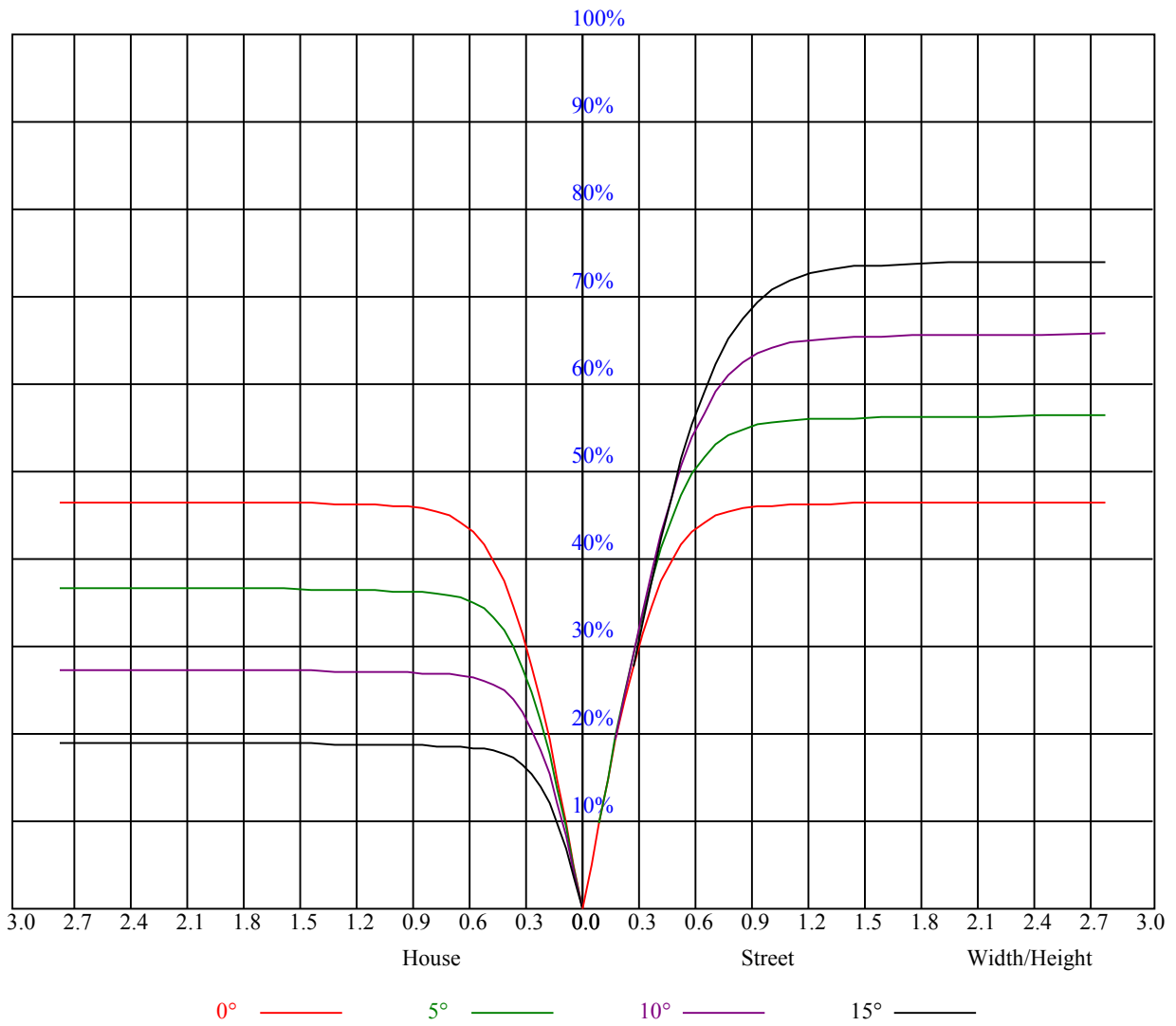


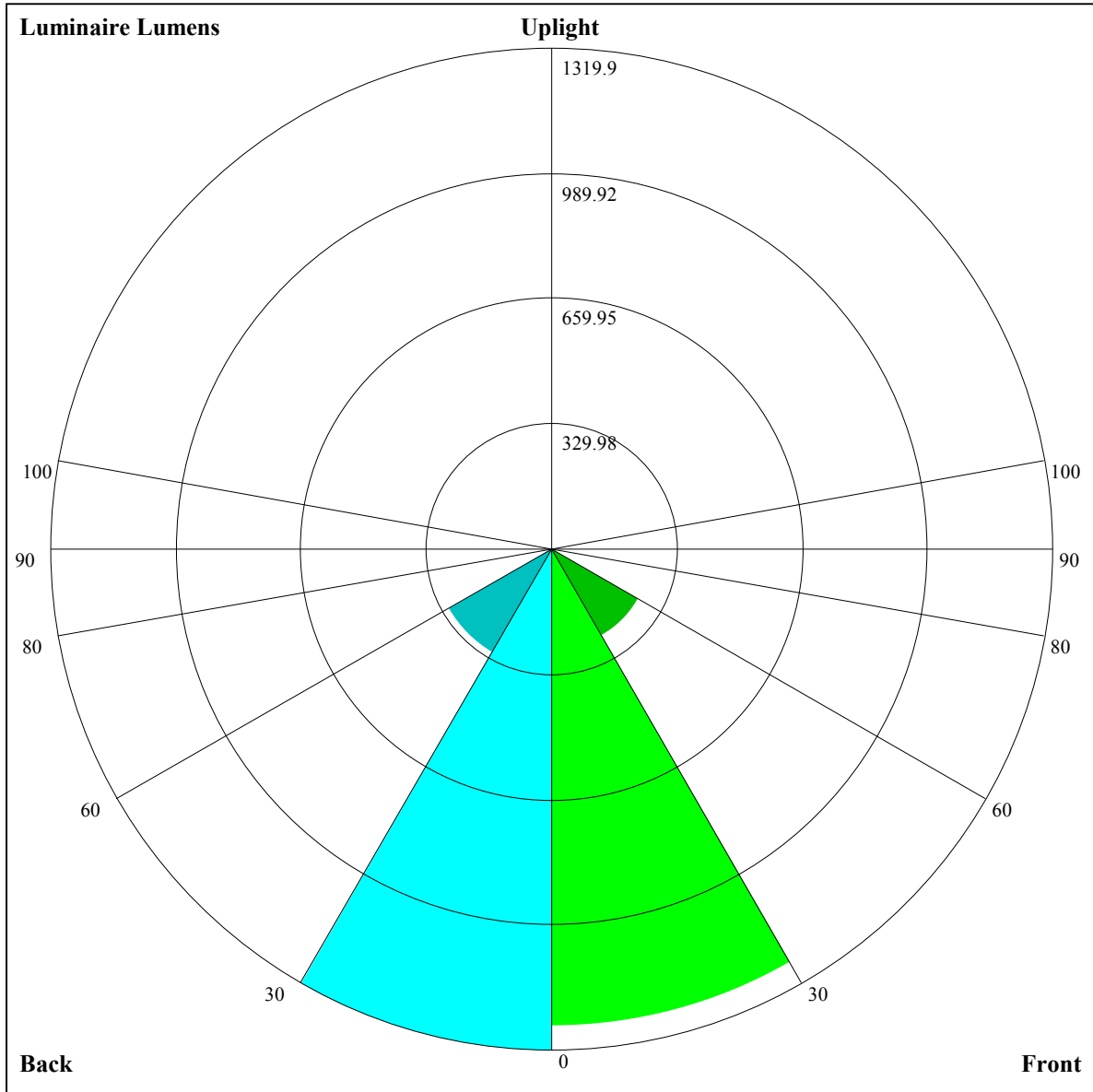
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.11	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	1.02	1.00	1.02	1.00	0.98	0.98	0.96	0.95	0.95	0.93	0.92	0.91	0.90	0.90	0.88
2	0.97	0.94	0.91	0.96	0.92	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.91	0.87	0.83	0.90	0.86	0.83	0.88	0.84	0.81	0.85	0.83	0.80	0.83	0.81	0.79	0.78
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	0.75	0.72	0.79	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.69
6	0.77	0.71	0.68	0.76	0.71	0.68	0.75	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
7	0.73	0.67	0.64	0.72	0.67	0.64	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.61
8	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.66	0.62	0.59	0.58
9	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.56	0.63	0.59	0.56	0.55
10	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.52





Luminaire Lumens:

FL=1256.24,FM=262.01,FH=11.28,FVH=1.51

BL=1319.9,BM=317.09,BH=12.59,BVH=1.88

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	4631.44	4638.69	4645.89	4650.94	4639.22	4636.43	4629.18	4581.29	4513.86
45.0	4625.29	4625.87	4617.51	4617.51	4602.48	4584.08	4565.11	4513.86	4469.86
90.0	4613.04	4596.33	4600.22	4563.48	4538.40	4514.96	4470.39	4401.90	4342.24
135.0	4632.54	4624.19	4604.69	4588.55	4584.61	4556.22	4539.51	4514.44	4477.12
180.0	4631.44	4625.29	4615.25	4602.48	4577.93	4575.72	4554.54	4514.44	4499.40
225.0	4625.29	4608.57	4607.47	4610.26	4592.96	4577.41	4554.54	4512.18	4481.01
270.0	4613.04	4626.39	4613.04	4632.54	4649.84	4635.33	4627.55	4615.83	4594.12
315.0	4632.54	4638.12	4664.29	4664.87	4684.90	4687.68	4682.69	4661.51	4630.34
360.0	4631.44	4638.69	4645.89	4650.94	4639.22	4636.43	4629.18	4581.29	4513.86
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4438.64	4349.49	4273.75	4143.92	4025.81	3927.73	3779.51	3620.19	3458.61
45.0	4396.33	4294.88	4215.25	4095.46	3972.88	3846.94	3724.37	3578.93	3425.18
90.0	4267.02	4166.73	4067.60	3999.06	3846.94	3770.05	3623.50	3427.39	3346.60
135.0	4429.18	4372.88	4297.67	4250.89	4153.96	4035.28	3975.67	3863.66	3738.30
180.0	4482.11	4423.61	4389.07	4326.68	4233.07	4180.14	4071.49	3958.95	3842.48
225.0	4437.54	4374.04	4300.45	4212.46	4117.17	4010.73	3898.19	3779.51	3712.12
270.0	4555.12	4533.94	4481.01	4412.46	4320.53	4228.60	4119.95	4001.85	3878.17
315.0	4585.18	4533.36	4463.71	4366.21	4254.25	4132.20	4006.84	3880.37	3729.36
360.0	4438.64	4349.49	4273.75	4143.92	4025.81	3927.73	3779.51	3620.19	3458.61
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3305.92	3160.53	2992.80	2822.87	2648.47	2471.33	2297.45	2128.10	1950.91
45.0	3266.39	3108.70	2947.71	2776.61	2609.47	2432.33	2259.03	2085.21	1910.23
90.0	3203.42	3056.35	2900.35	2734.30	2561.00	2383.81	2209.99	2033.96	1849.52
135.0	3607.36	3477.01	3344.92	3190.07	3039.64	2869.70	2696.40	2524.79	2356.53
180.0	3723.79	3590.65	3453.57	3312.65	3163.84	3003.95	2854.09	2683.58	2505.86
225.0	3582.87	3447.99	3302.61	3156.64	3007.31	2860.77	2701.98	2539.29	2369.89
270.0	3741.08	3610.73	3463.08	3316.54	3161.06	3015.09	2868.02	2710.91	2545.97
315.0	3580.61	3423.50	3260.24	3109.28	2949.91	2791.70	2621.76	2437.90	2256.82
360.0	3305.92	3160.53	2992.80	2822.87	2648.47	2471.33	2297.45	2128.10	1950.91
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1762.58	1572.04	1101.76	1062.24	1062.24	880.05	726.83	602.05	499.45
45.0	1804.94	1564.79	1455.04	1272.28	1085.63	906.81	745.23	612.62	507.86
90.0	1662.87	1468.96	1048.41	1048.41	871.96	778.35	642.84	535.66	445.31
135.0	2177.14	1992.70	1796.01	1589.33	1462.29	1165.89	1046.62	870.59	676.69
180.0	2397.22	2142.03	2036.17	1855.67	1596.59	1481.79	1285.68	1021.55	914.59
225.0	2192.17	2016.09	1848.41	1674.01	1491.83	1041.58	1041.58	968.73	800.89
270.0	2372.67	2196.64	2057.87	1842.84	1702.97	1526.36	1345.86	1160.32	977.56
315.0	2076.85	1889.10	1778.19	1507.97	1110.75	1032.85	994.01	818.45	671.85
360.0	1762.58	1572.04	1101.76	1062.24	1062.24	880.05	726.83	602.05	499.45
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	413.51	340.71	277.64	224.07	179.34	143.18	114.06	91.62	74.27
45.0	420.39	347.39	286.10	286.10	188.38	151.70	121.79	98.03	82.94
90.0	370.20	307.96	253.67	208.88	170.99	139.92	115.16	95.51	80.00
135.0	606.47	505.07	419.29	344.60	292.83	292.83	174.40	140.29	113.69
180.0	758.06	627.65	518.48	426.54	348.54	296.14	296.14	175.40	139.87
225.0	659.71	542.97	449.67	370.20	305.39	249.30	202.42	163.68	131.83
270.0	811.51	671.12	556.90	462.76	381.97	313.96	302.81	280.00	170.20
315.0	553.85	458.35	379.34	313.69	257.77	210.99	171.77	139.87	113.54
360.0	413.51	340.71	277.64	224.07	179.34	143.18	114.06	91.62	74.27

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	61.18	51.72	44.89	39.84	35.80	33.06	29.70	27.70	25.60
45.0	68.44	56.03	49.99	43.84	39.16	35.27	31.96	29.17	26.86
90.0	67.49	58.08	50.72	44.99	40.32	38.00	33.38	30.64	29.12
135.0	93.35	77.16	64.76	58.76	48.41	43.00	40.32	36.58	33.27
180.0	111.64	89.78	79.16	60.24	50.78	46.47	40.84	36.64	33.27
225.0	106.86	87.25	72.54	61.66	52.98	46.15	40.79	36.43	34.27
270.0	137.14	120.74	98.19	80.79	67.12	56.93	49.51	43.94	39.37
315.0	92.98	79.47	63.55	55.87	48.46	42.94	38.27	34.64	31.59
360.0	61.18	51.72	44.89	39.84	35.80	33.06	29.70	27.70	25.60
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	23.71	22.13	20.66	19.50	18.29	17.29	16.29	15.61	14.82
45.0	24.81	22.97	21.45	20.08	18.87	17.77	16.77	15.93	15.19
90.0	27.07	25.07	23.34	21.81	20.50	19.19	18.08	17.03	16.19
135.0	30.59	28.23	26.18	24.39	22.81	21.45	20.08	18.98	17.98
180.0	30.49	28.02	25.97	24.18	22.55	21.18	19.87	18.82	17.77
225.0	31.06	28.49	26.23	24.28	22.60	21.08	19.87	18.76	17.66
270.0	35.69	32.59	29.86	27.54	25.55	23.76	22.23	20.81	19.61
315.0	28.91	26.60	24.65	22.97	21.50	20.13	18.98	17.98	16.98
360.0	23.71	22.13	20.66	19.50	18.29	17.29	16.29	15.61	14.82
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	14.14	13.46	12.83	12.14	11.41	10.83	10.25	9.62	9.25
45.0	14.40	13.82	13.14	12.67	11.67	11.35	10.62	10.04	9.36
90.0	15.35	14.40	13.61	12.83	12.04	11.25	10.51	9.78	9.25
135.0	17.03	16.24	15.40	14.61	13.93	13.19	12.83	12.04	11.04
180.0	16.93	16.08	15.40	14.93	14.35	14.03	13.14	12.56	12.19
225.0	16.77	15.98	15.40	14.93	14.40	13.93	13.61	13.35	13.19
270.0	18.55	17.61	16.71	16.03	15.35	14.61	13.98	13.40	12.72
315.0	16.14	15.40	14.77	14.03	13.56	12.62	11.93	11.46	10.83
360.0	14.14	13.46	12.83	12.14	11.41	10.83	10.25	9.62	9.25
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.46	8.09	7.52	6.73	6.47	5.83	5.26	4.78	4.21
45.0	8.73	8.25	7.67	7.04	6.52	5.89	5.31	4.84	4.26
90.0	8.62	7.94	7.46	6.89	6.36	5.73	5.10	4.57	3.99
135.0	10.62	10.04	9.46	8.83	8.25	7.67	7.10	6.52	5.89
180.0	11.56	11.09	10.62	10.09	9.30	8.52	7.73	7.04	6.47
225.0	12.93	12.51	12.35	10.78	8.78	7.88	7.36	6.78	6.15
270.0	12.14	11.46	10.99	10.57	10.09	9.20	8.36	7.57	6.83
315.0	9.88	9.51	8.99	8.46	7.88	7.31	6.73	6.04	5.57
360.0	8.46	8.09	7.52	6.73	6.47	5.83	5.26	4.78	4.21
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.78	3.15	2.89	2.47	2.16	1.84	1.47	1.21	1.21
45.0	3.73	3.26	2.68	2.37	2.00	1.68	1.37	1.10	1.05
90.0	3.57	3.05	2.68	2.21	1.94	1.58	1.31	1.05	1.16
135.0	5.31	4.89	4.21	3.63	3.21	2.79	2.47	2.16	1.94
180.0	5.89	5.15	4.78	4.15	3.78	3.21	2.84	2.47	2.16
225.0	5.62	4.99	4.57	4.05	3.63	3.15	2.73	2.37	2.05
270.0	6.10	5.57	4.99	4.36	3.84	3.26	2.89	2.47	2.16
315.0	5.05	4.52	3.94	3.47	3.05	2.73	2.26	1.94	1.58
360.0	3.78	3.15	2.89	2.47	2.16	1.84	1.47	1.21	1.21

Intensity data(cd)

C/γ(°)	90.0
0.0	1.21
45.0	1.05
90.0	1.10
135.0	1.26
180.0	1.89
225.0	1.89
270.0	1.84
315.0	1.37
360.0	1.21