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Nata

Client:

LumCAT: 2-2569-L

Luminaire: 92.70.412.00

Report No: 2024822-B008

Ballast type: AC

Test No: 2024822-C008

Voltage(V): 34.860

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.576

Lamp flux(lm): 3311.0

Power (W): 20.070

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2991.47, Efficiency(%): 90.35% , Luminous Efficacy(lm/W): 149.05

Central intensity(cd): 4813.477, Maximum intensity(cd): 4813.477

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=48.0

[C90/270]Total=48.0

Field angle(10%Imax): [C0/180]Total=72.6

[C90/270]Total=72.6

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

Maximum s/h(1/4): C0_180=0.75 C90_270=0.75

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 90.35%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.132%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/22
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	4813.477	0.000	0	0.00%	0.00%
1.0	4808.332	4.604	4.604	0.14%	0.15%
2.0	4787.852	13.773	18.377	0.42%	0.61%
3.0	4762.642	22.842	41.219	0.69%	1.38%
4.0	4723.155	31.752	72.971	0.96%	2.44%
5.0	4676.551	40.437	113.408	1.22%	3.79%
6.0	4613.194	48.820	162.228	1.47%	5.42%
7.0	4530.375	56.754	218.982	1.71%	7.32%
8.0	4446.183	64.244	283.225	1.94%	9.47%
9.0	4352.149	71.306	354.531	2.15%	11.85%
10.0	4250.828	77.854	432.385	2.35%	14.45%
11.0	4134.987	83.792	516.176	2.53%	17.25%
12.0	4018.896	89.134	605.31	2.69%	20.23%
13.0	3893.114	93.896	699.206	2.84%	23.37%
14.0	3762.391	97.990	797.195	2.96%	26.65%
15.0	3639.887	101.622	898.817	3.07%	30.05%
16.0	3497.115	104.577	1003.394	3.16%	33.54%
17.0	3373.494	106.994	1110.388	3.23%	37.12%
18.0	3239.223	109.029	1219.418	3.29%	40.76%
19.0	3102.515	110.333	1329.751	3.33%	44.45%
20.0	2964.808	111.049	1440.8	3.35%	48.16%
21.0	2828.671	111.247	1552.046	3.36%	51.88%
22.0	2690.825	110.917	1662.963	3.35%	55.59%
23.0	2542.764	109.815	1772.778	3.32%	59.26%
24.0	2399.780	108.062	1880.839	3.26%	62.87%
25.0	2254.793	105.835	1986.674	3.20%	66.41%
26.0	2118.341	103.228	2089.902	3.12%	69.86%
27.0	1954.891	99.653	2189.555	3.01%	73.19%
28.0	1748.991	93.774	2283.329	2.83%	76.33%
29.0	1600.035	87.620	2370.949	2.65%	79.26%
30.0	1422.959	81.620	2452.57	2.47%	81.99%
31.0	1240.639	74.124	2526.694	2.24%	84.46%
32.0	1059.765	65.904	2592.598	1.99%	86.67%
33.0	930.192	58.625	2651.222	1.77%	88.63%
34.0	787.334	51.977	2703.2	1.57%	90.36%
35.0	635.967	44.202	2747.402	1.34%	91.84%
36.0	512.300	36.561	2783.963	1.10%	93.06%
37.0	400.204	29.761	2813.724	0.90%	94.06%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	313.332	23.817	2837.541	0.72%	94.85%
39.0	234.396	18.695	2856.236	0.56%	95.48%
40.0	185.828	14.656	2870.892	0.44%	95.97%
41.0	152.004	12.030	2882.922	0.36%	96.37%
42.0	122.497	9.973	2892.896	0.30%	96.70%
43.0	101.216	8.287	2901.182	0.25%	96.98%
44.0	88.594	7.164	2908.346	0.22%	97.22%
45.0	77.871	6.397	2914.744	0.19%	97.44%
46.0	69.507	5.764	2920.508	0.17%	97.63%
47.0	61.380	5.206	2925.713	0.16%	97.80%
48.0	55.079	4.708	2930.421	0.14%	97.96%
49.0	49.455	4.293	2934.714	0.13%	98.10%
50.0	44.888	3.933	2938.647	0.12%	98.23%
51.0	40.526	3.614	2942.261	0.11%	98.36%
52.0	36.965	3.325	2945.586	0.10%	98.47%
53.0	34.100	3.091	2948.678	0.09%	98.57%
54.0	31.347	2.885	2951.562	0.09%	98.67%
55.0	28.896	2.689	2954.251	0.08%	98.76%
56.0	26.932	2.523	2956.774	0.08%	98.84%
57.0	25.105	2.379	2959.153	0.07%	98.92%
58.0	23.377	2.242	2961.395	0.07%	98.99%
59.0	21.781	2.111	2963.506	0.06%	99.07%
60.0	20.447	1.995	2965.501	0.06%	99.13%
61.0	19.152	1.890	2967.391	0.06%	99.20%
62.0	18.062	1.793	2969.184	0.05%	99.26%
63.0	16.997	1.705	2970.89	0.05%	99.31%
64.0	15.953	1.617	2972.506	0.05%	99.37%
65.0	15.039	1.534	2974.04	0.05%	99.42%
66.0	14.133	1.456	2975.496	0.04%	99.47%
67.0	13.325	1.381	2976.876	0.04%	99.51%
68.0	12.523	1.309	2978.186	0.04%	99.56%
69.0	11.689	1.235	2979.421	0.04%	99.60%
70.0	10.940	1.162	2980.583	0.04%	99.64%
71.0	10.210	1.093	2981.676	0.03%	99.67%
72.0	9.514	1.026	2982.702	0.03%	99.71%
73.0	8.824	0.959	2983.661	0.03%	99.74%
74.0	8.246	0.897	2984.558	0.03%	99.77%
75.0	7.622	0.838	2985.396	0.03%	99.80%

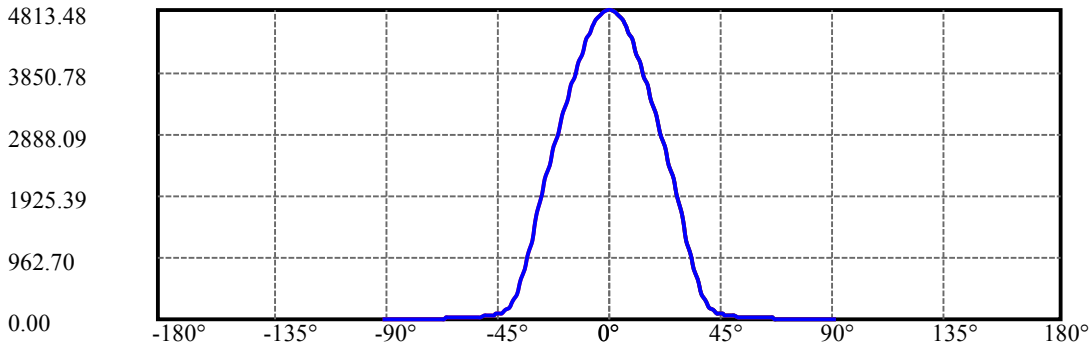
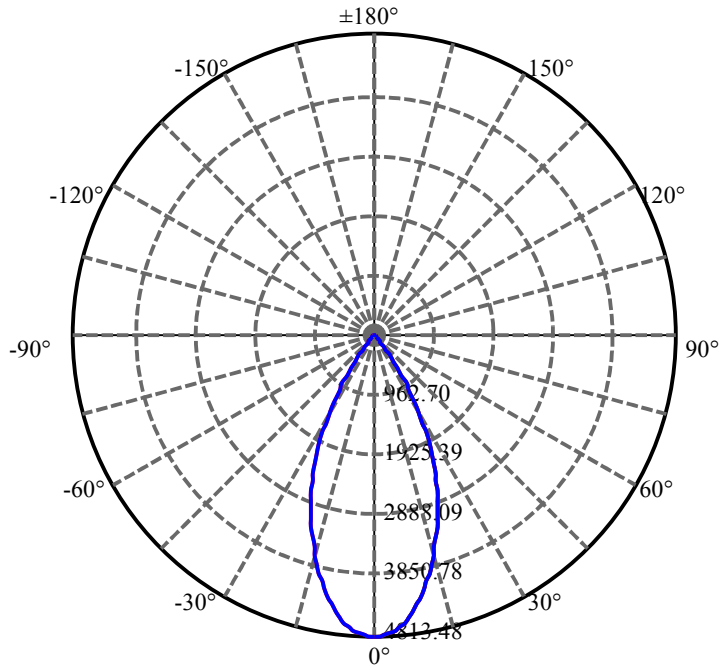
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.938	0.773	2986.169	0.02%	99.82%
77.0	6.386	0.710	2986.88	0.02%	99.85%
78.0	5.795	0.652	2987.532	0.02%	99.87%
79.0	5.204	0.591	2988.123	0.02%	99.89%
80.0	4.665	0.532	2988.655	0.02%	99.91%
81.0	4.113	0.475	2989.129	0.01%	99.92%
82.0	3.666	0.422	2989.551	0.01%	99.94%
83.0	3.187	0.373	2989.924	0.01%	99.95%
84.0	2.799	0.326	2990.25	0.01%	99.96%
85.0	2.424	0.285	2990.535	0.01%	99.97%
86.0	2.103	0.247	2990.782	0.01%	99.98%
87.0	1.794	0.213	2990.996	0.01%	99.98%
88.0	1.518	0.181	2991.177	0.01%	99.99%
89.0	1.301	0.154	2991.332	0.00%	100.00%
90.0	1.196	0.137	2991.468	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2452.57	74.07%	81.99%
0-40	2870.89	86.71%	95.97%
0-60	2965.50	89.57%	99.13%
0-90	2991.33	90.35%	100.00%
0-120	2991.33	90.35%	100.00%
0-180	2991.47	90.35%	100.00%
60-90	25.83	0.78%	0.86%
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%
0-29.27	2393.18	72.28%	80.00%

ZONAL LUMEN SUMMARY

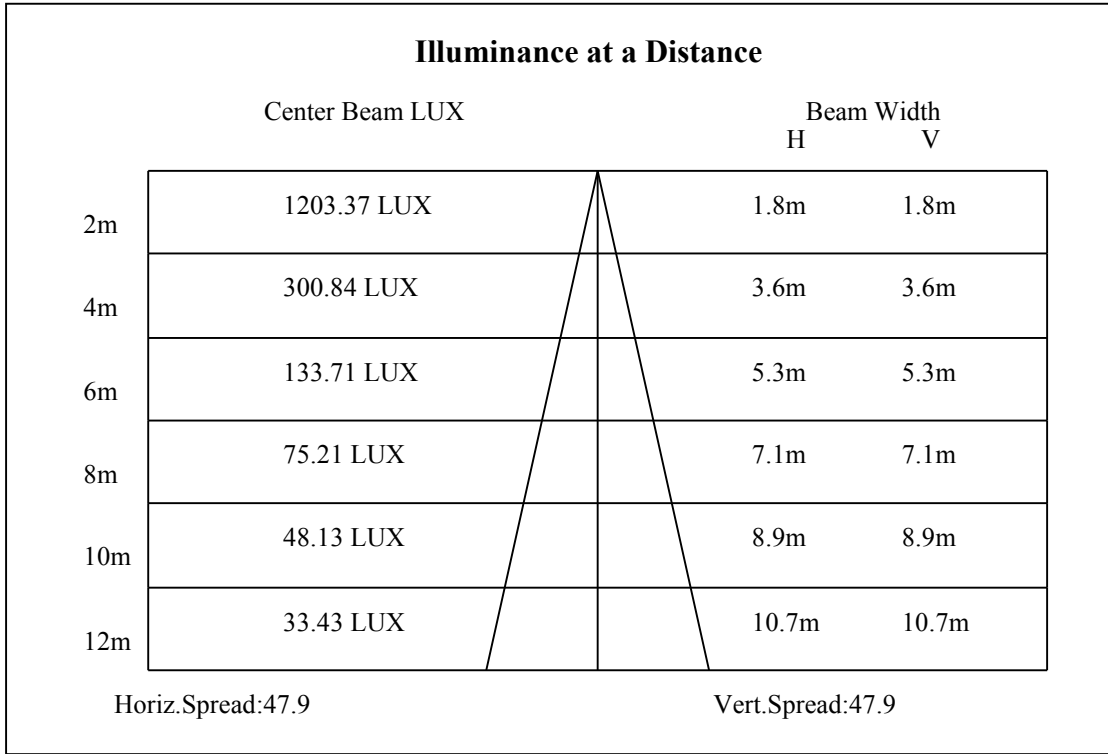
0-10	432.38
10-20	1008.41
20-30	1011.77
30-40	418.32
40-50	67.75
50-60	26.85
60-70	15.08
70-80	8.07
80-90	2.68
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

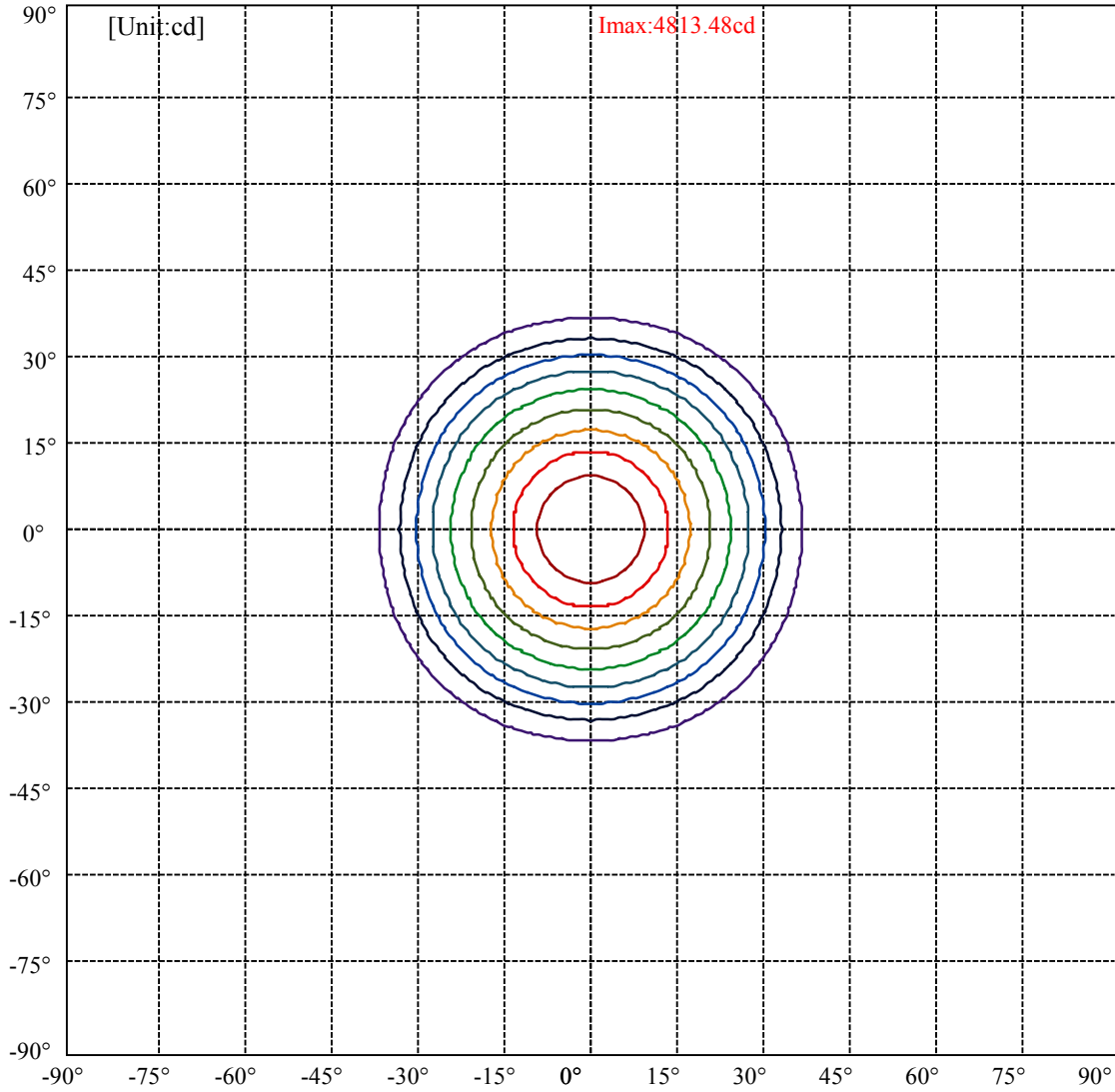


C0(Max): ———
C0/C180: ———
C90/C270: ———

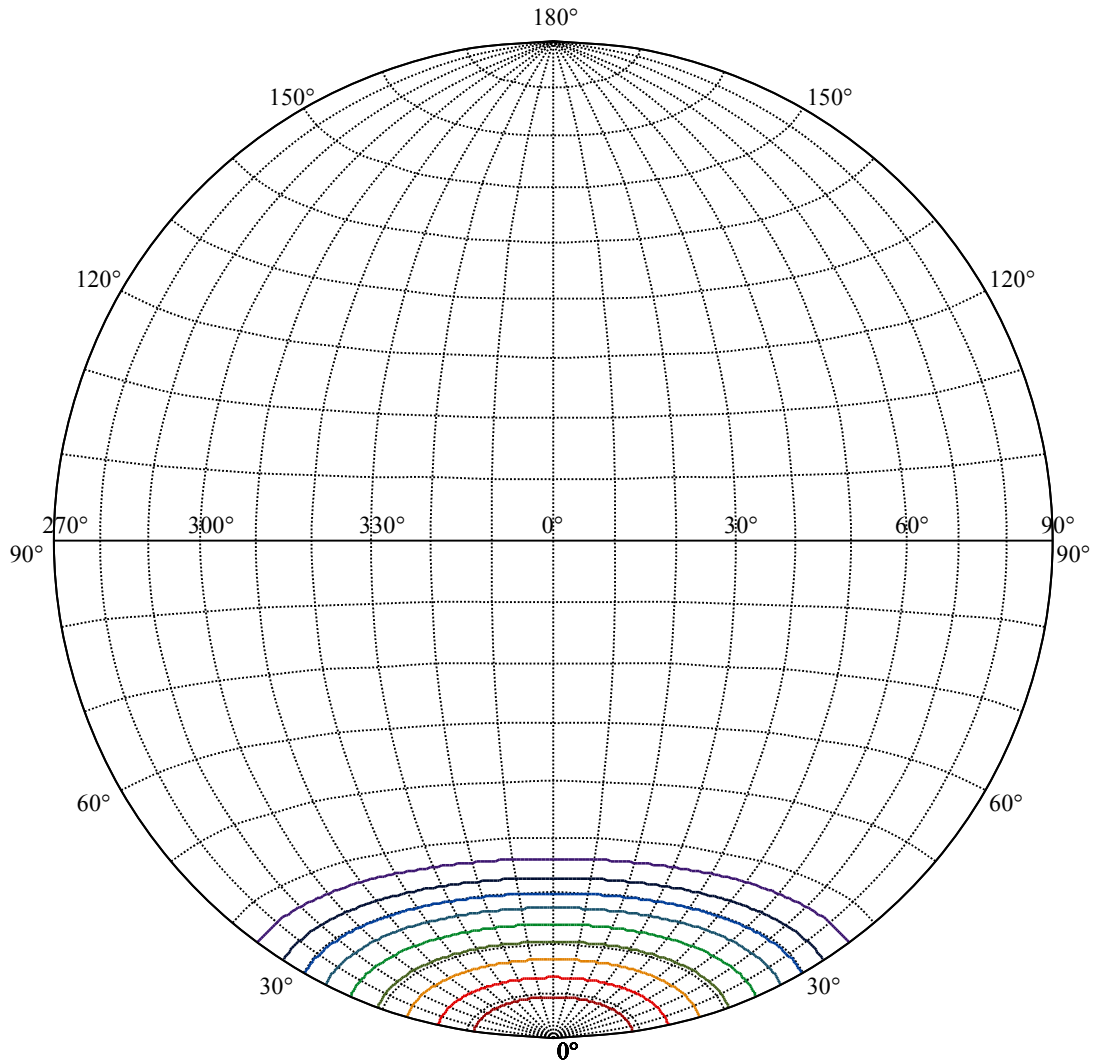
Field angle(10%Imax):C0/180Left:36.3 Right:36.3
:C90/270Left:36.3 Right:36.3

Beam Angle(50%Imax):C0/180Left:24.0 Right:24.0
:C90/270Left:24.0 Right:24.0





(10%Imax) 481.348	—
(20%Imax) 962.695	—
(30%Imax) 1444.04	—
(40%Imax) 1925.39	—
(50%Imax) 2406.74	—
(60%Imax) 2888.09	—
(70%Imax) 3369.43	—
(80%Imax) 3850.78	—
(90%Imax) 4332.13	—



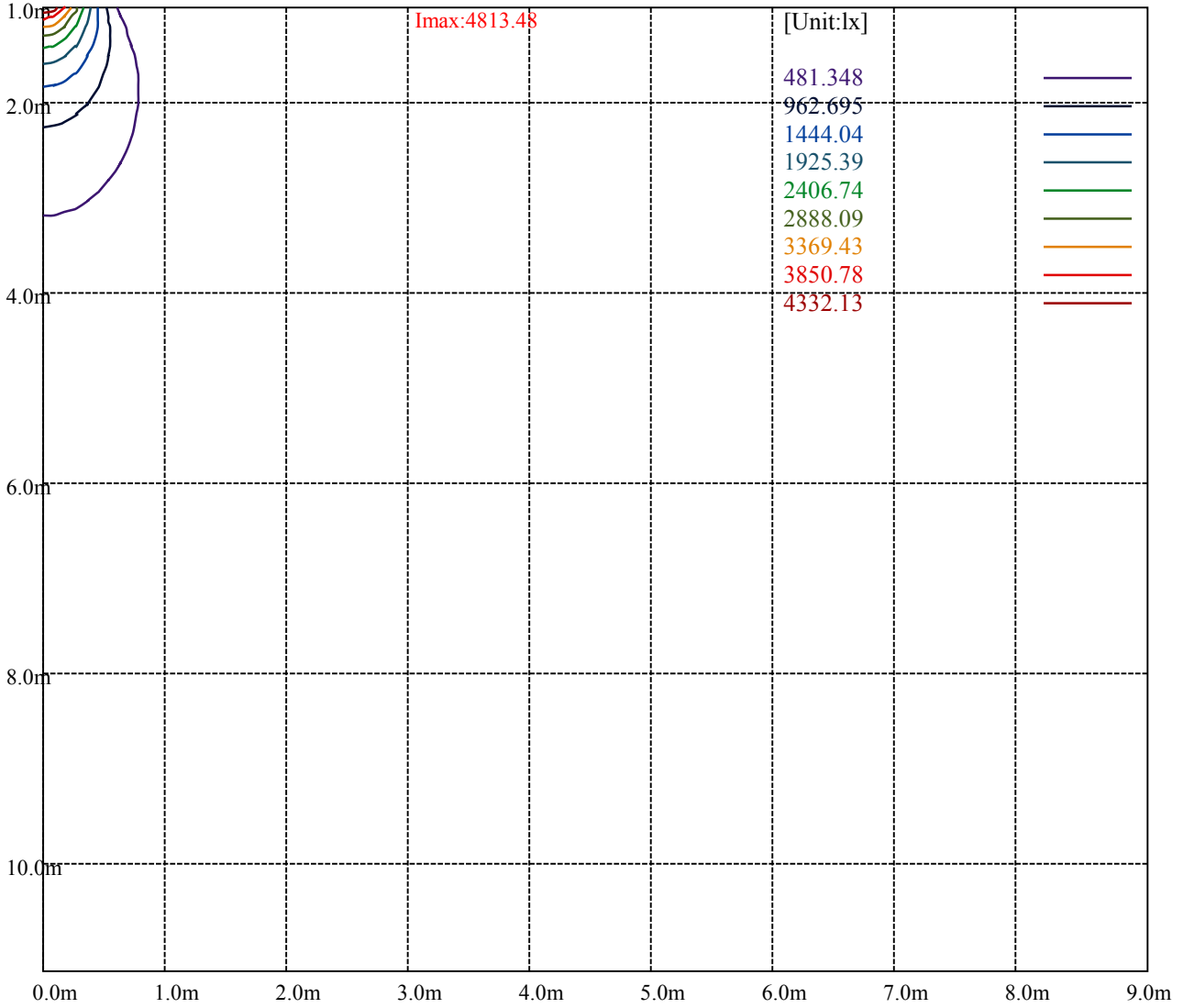
House

[Unit:cd]

Road

Imax:4813.48

(10%Imax) 481.348	—
(20%Imax) 962.695	—
(30%Imax) 1444.04	—
(40%Imax) 1925.39	—
(50%Imax) 2406.74	—
(60%Imax) 2888.09	—
(70%Imax) 3369.43	—
(80%Imax) 3850.78	—
(90%Imax) 4332.13	—



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

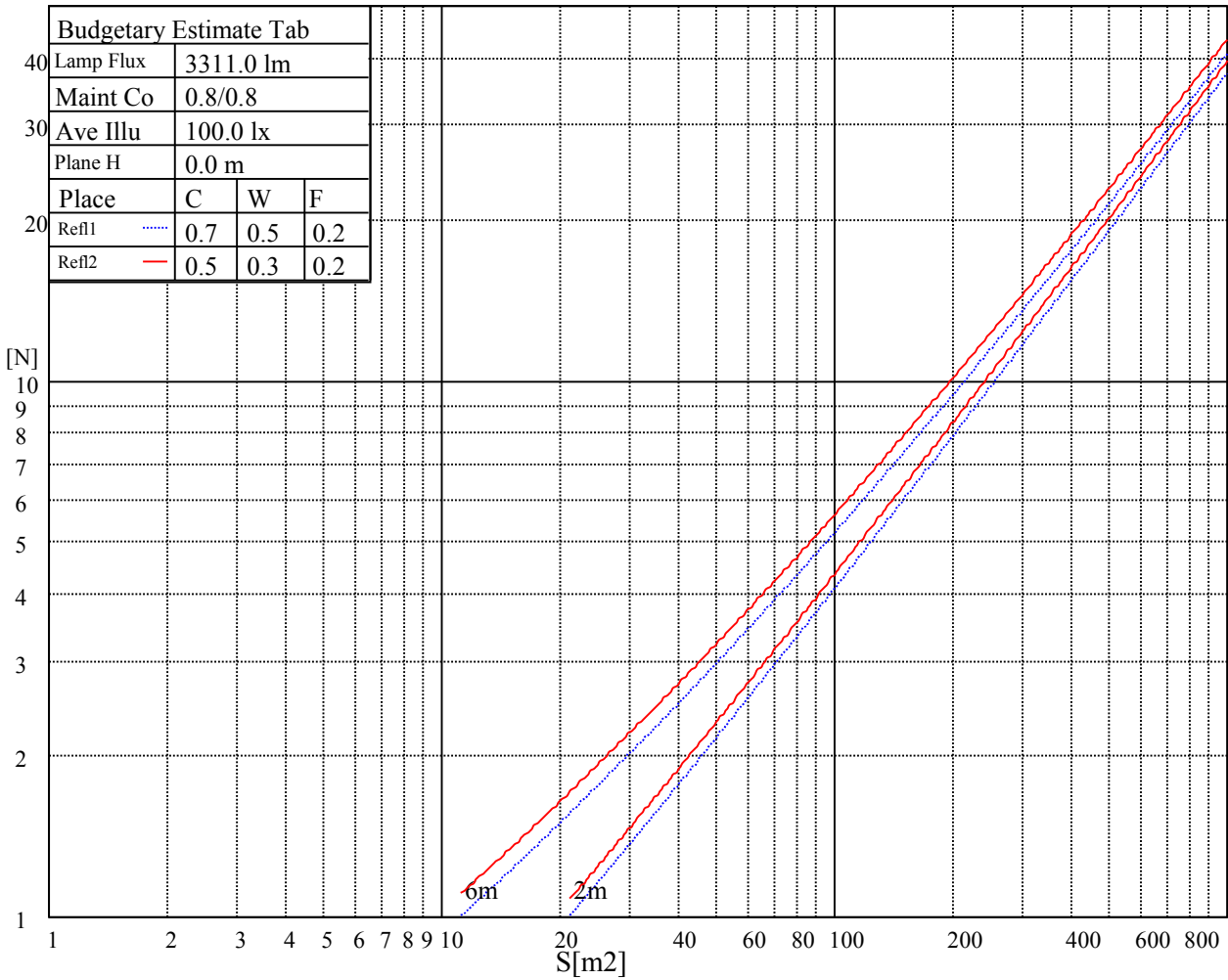
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

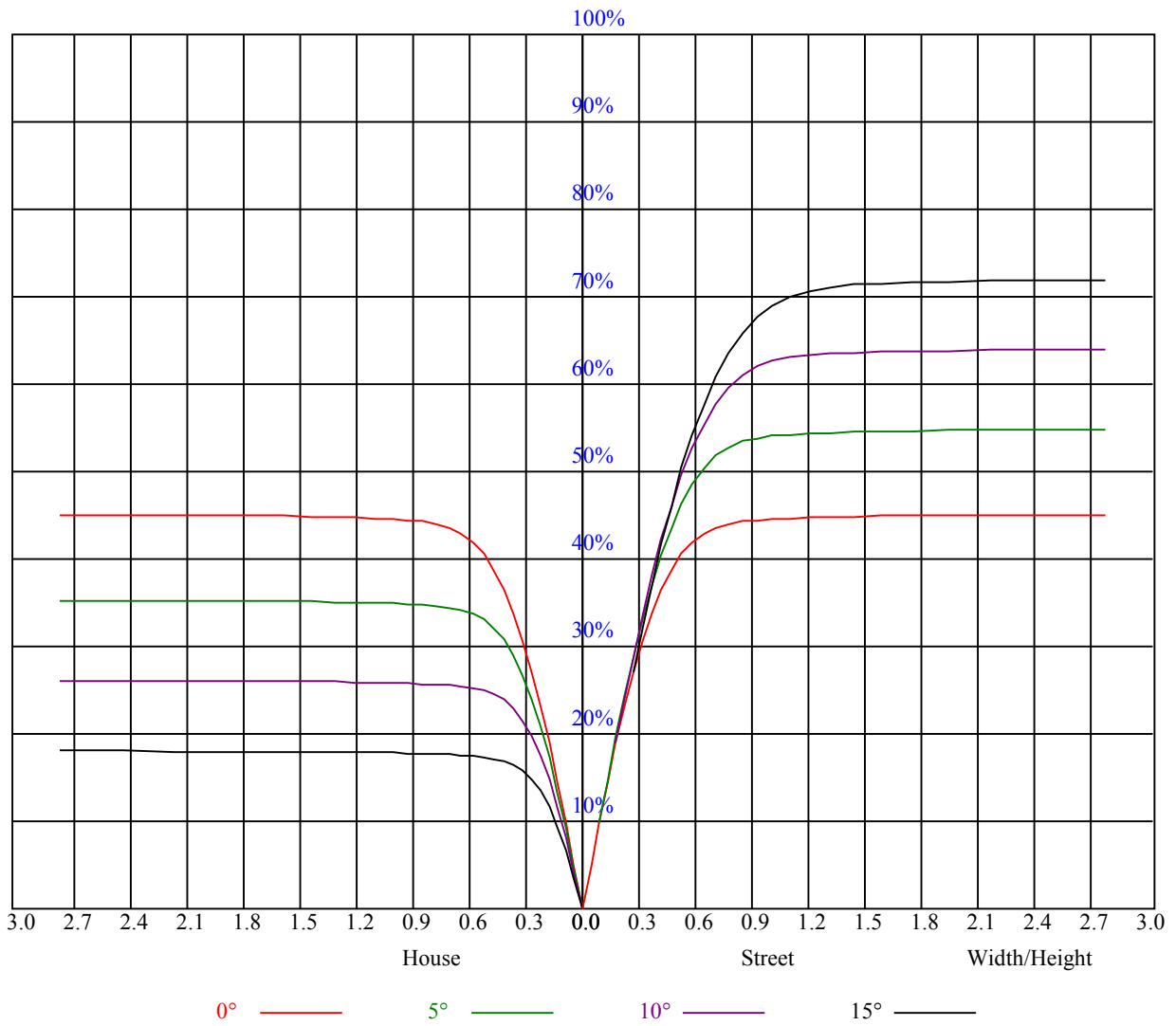


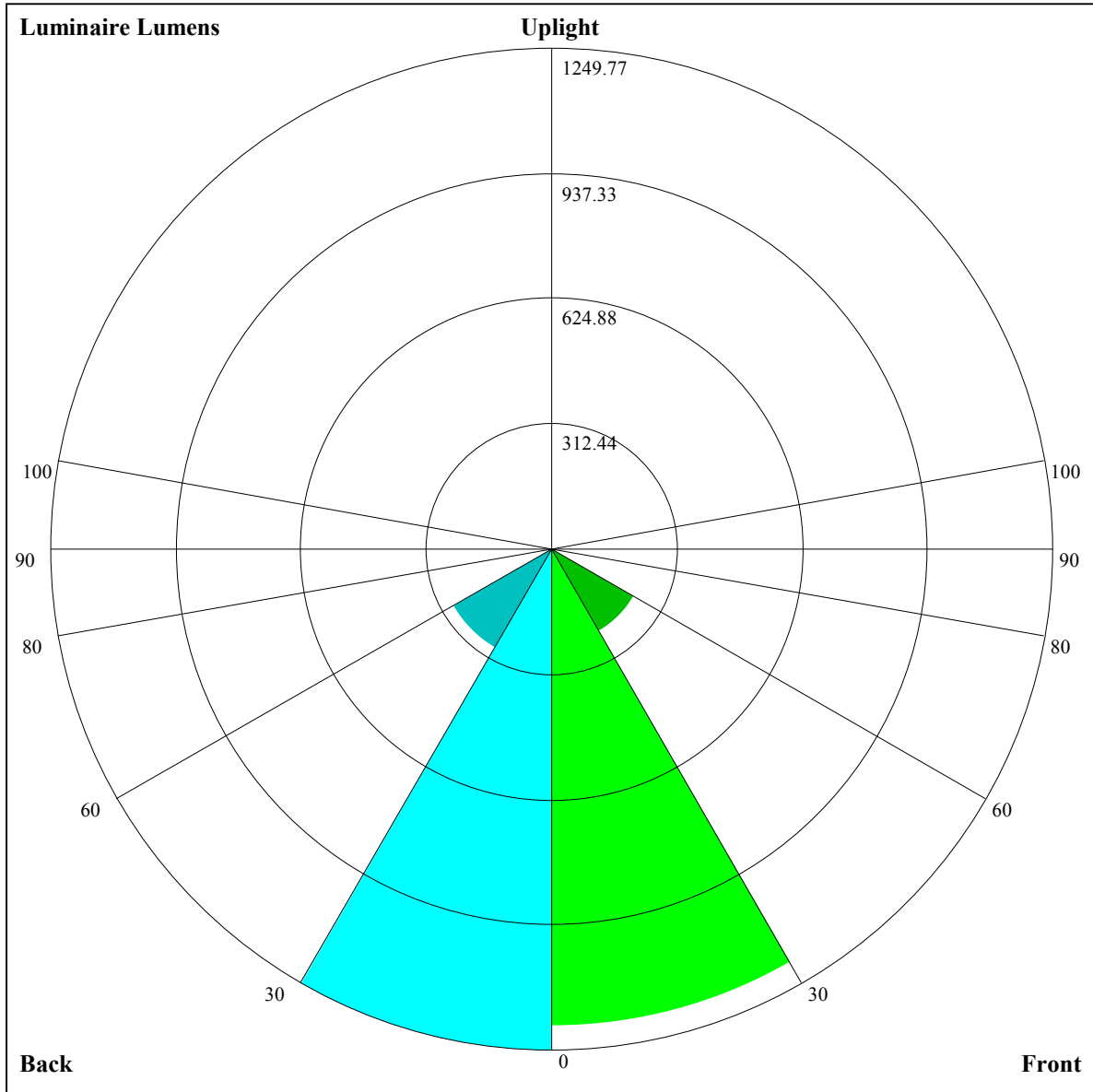
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.08	1.08	1.08	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.92	0.92	0.92	0.90
1	1.01	0.98	0.96	0.99	0.97	0.95	0.95	0.93	0.92	0.92	0.90	0.89	0.89	0.88	0.87	0.85
2	0.94	0.91	0.88	0.93	0.90	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.81	0.80
3	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.75
4	0.83	0.79	0.75	0.82	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.73	0.77	0.74	0.72	0.71
5	0.79	0.74	0.70	0.78	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.73	0.71	0.68	0.67
6	0.74	0.70	0.66	0.74	0.69	0.66	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.64	0.63
7	0.71	0.66	0.62	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.60
8	0.67	0.62	0.59	0.67	0.62	0.59	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.57
9	0.64	0.59	0.56	0.63	0.59	0.56	0.63	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.54
10	0.61	0.56	0.53	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.52	0.58	0.55	0.52	0.51





Luminaire Lumens:

FL=1191.72,FM=236.59,FH=11.25,FVH=1.34

BL=1249.77,BM=284.56,BH=11.87,BVH=1.48

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	4813.04	4794.12	4756.22	4727.84	4673.75	4592.96	4520.01	4410.78	4294.36
45.0	4818.61	4805.26	4778.51	4736.20	4678.80	4635.91	4549.55	4406.31	4341.72
90.0	4798.59	4769.63	4722.27	4665.97	4586.87	4495.46	4393.54	4285.42	4168.42
135.0	4823.66	4811.94	4791.33	4756.22	4719.48	4665.39	4587.97	4504.97	4413.04
180.0	4813.04	4818.09	4814.20	4802.48	4780.19	4741.77	4703.87	4643.69	4580.19
225.0	4818.61	4816.41	4806.95	4795.22	4770.73	4754.54	4721.69	4657.62	4575.72
270.0	4798.59	4823.08	4817.51	4817.51	4804.69	4792.44	4751.23	4719.48	4676.01
315.0	4823.66	4828.13	4815.83	4799.69	4770.73	4733.94	4677.69	4614.72	4520.01
360.0	4813.04	4794.12	4756.22	4727.84	4673.75	4592.96	4520.01	4410.78	4294.36
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4178.46	4059.77	3929.94	3802.95	3678.11	3552.23	3420.71	3295.35	3165.00
45.0	4225.81	4106.60	3984.03	3865.34	3742.77	3614.04	3482.58	3351.07	3210.68
90.0	4048.63	3915.49	3783.97	3709.86	3540.50	3405.10	3319.32	3126.52	3042.95
135.0	4355.64	4218.04	4100.45	4029.13	3896.51	3772.83	3650.26	3529.94	3399.53
180.0	4512.75	4446.47	4357.85	4252.57	4136.67	4012.41	3882.06	3749.44	3623.50
225.0	4484.32	4384.61	4258.67	4127.73	3991.81	3856.41	3746.08	3592.86	3482.00
270.0	4590.76	4522.79	4425.82	4311.60	4187.92	4059.77	3924.37	3778.40	3644.68
315.0	4420.82	4352.86	4239.17	4051.99	3970.62	3826.34	3693.72	3553.33	3419.61
360.0	4178.46	4059.77	3929.94	3802.95	3678.11	3552.23	3420.71	3295.35	3165.00
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3020.14	2881.95	2745.44	2652.93	2505.29	2304.71	2221.71	2069.60	1901.87
45.0	3078.64	2944.34	2805.05	2659.08	2513.64	2363.21	2215.56	2067.39	1972.09
90.0	2913.70	2776.09	2619.50	2471.33	2328.68	2184.39	2034.48	1867.91	1695.72
135.0	3256.93	3117.06	2978.87	2840.16	2684.68	2534.25	2383.81	2233.38	2079.06
180.0	3493.15	3361.11	3230.70	3092.57	2981.66	2853.51	2674.12	2552.12	2406.68
225.0	3350.49	3212.36	3071.91	2929.31	2792.23	2654.62	2509.18	2376.61	2246.21
270.0	3513.75	3375.04	3243.53	3109.28	2981.66	2845.73	2700.87	2550.44	2462.40
315.0	3287.00	3152.17	3023.45	2874.70	2738.77	2601.69	2458.51	2320.90	2182.71
360.0	3020.14	2881.95	2745.44	2652.93	2505.29	2304.71	2221.71	2069.60	1901.87
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1726.94	1546.97	1273.96	1040.32	969.41	797.90	638.69	493.51	367.46
45.0	1804.37	1551.43	1441.11	1259.50	1076.16	899.55	735.19	583.08	448.25
90.0	1516.90	1088.20	1015.40	979.50	808.10	679.48	534.61	408.10	300.87
135.0	1911.38	1738.66	1557.01	1370.94	1222.71	1004.84	867.81	705.65	533.51
180.0	2266.81	2116.95	1952.59	1778.77	1598.22	1421.61	1236.64	1058.35	883.42
225.0	2110.28	1957.06	1792.12	1621.66	1448.36	1046.41	1046.41	1011.51	843.26
270.0	2269.07	2128.10	2041.74	1819.45	1713.01	1539.19	1363.10	1191.49	1022.13
315.0	2033.38	1864.55	1726.36	1513.54	1089.15	1089.15	1019.08	846.99	688.83
360.0	1726.94	1546.97	1273.96	1040.32	969.41	797.90	638.69	493.51	367.46
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	303.50	192.27	148.02	132.09	113.17	98.45	86.10	76.01	67.39
45.0	334.61	294.46	204.00	130.88	113.75	105.23	87.78	77.69	72.54
90.0	218.29	162.00	130.78	113.85	99.92	88.20	78.11	69.38	61.92
135.0	431.54	322.31	302.81	211.83	139.76	120.63	105.07	92.35	81.37
180.0	721.84	574.72	443.26	331.25	311.17	217.29	157.21	132.25	113.22
225.0	689.51	545.55	418.71	311.96	228.80	172.14	139.66	118.74	102.60
270.0	854.40	696.19	554.11	424.86	313.96	277.21	208.67	141.45	120.21
315.0	544.71	414.14	304.97	218.45	166.10	136.87	117.37	101.87	89.51
360.0	303.50	192.27	148.02	132.09	113.17	98.45	86.10	76.01	67.39

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	60.18	53.61	47.88	43.21	39.32	36.16	33.43	31.01	28.86
45.0	64.91	58.03	51.88	46.57	42.10	38.48	35.48	32.85	30.38
90.0	55.24	49.41	44.47	40.37	36.90	33.90	31.22	28.86	27.49
135.0	72.38	64.44	57.71	53.82	46.31	43.63	39.68	36.48	33.53
180.0	98.08	85.68	75.58	67.07	59.87	53.14	47.41	42.79	39.00
225.0	89.78	78.79	69.65	61.76	55.09	50.04	43.73	39.42	36.64
270.0	103.34	92.51	81.05	71.54	63.44	56.40	50.25	44.94	40.58
315.0	79.05	73.59	62.81	56.29	52.62	47.36	43.00	39.37	36.32
360.0	60.18	53.61	47.88	43.21	39.32	36.16	33.43	31.01	28.86
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	26.86	25.12	23.55	22.55	20.66	19.40	18.66	17.14	16.61
45.0	28.23	26.33	24.55	22.92	21.39	19.97	18.82	17.61	16.93
90.0	25.44	22.92	22.02	20.55	19.24	18.08	16.98	15.93	14.98
135.0	30.96	28.65	26.60	24.81	23.23	21.71	20.34	19.13	18.08
180.0	35.69	32.75	30.17	27.96	26.33	24.18	22.50	21.34	19.82
225.0	32.96	30.28	28.38	26.28	24.39	22.60	21.18	19.82	18.55
270.0	37.06	33.96	31.17	28.80	26.60	24.76	23.07	21.55	20.08
315.0	33.59	31.17	29.01	26.96	25.18	23.55	22.02	20.71	19.45
360.0	26.86	25.12	23.55	22.55	20.66	19.40	18.66	17.14	16.61
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.66	14.72	13.88	13.04	12.19	11.35	10.51	9.72	8.99
45.0	15.82	14.45	13.88	12.93	12.04	11.20	10.41	9.67	8.88
90.0	14.14	13.30	12.40	11.67	11.04	10.30	9.51	8.83	8.25
135.0	17.03	16.03	15.09	14.24	13.40	12.56	11.93	11.04	10.30
180.0	18.82	17.71	16.66	15.61	14.72	13.88	12.98	12.14	11.41
225.0	17.35	16.40	15.45	14.51	13.56	12.83	11.98	11.25	10.46
270.0	18.92	17.82	16.77	15.77	15.24	14.30	13.46	12.72	11.98
315.0	18.24	17.19	16.19	15.30	14.40	13.77	12.72	12.14	11.41
360.0	15.66	14.72	13.88	13.04	12.19	11.35	10.51	9.72	8.99
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.36	7.73	7.10	6.52	5.94	5.41	4.84	4.21	3.73
45.0	8.20	7.57	6.94	6.36	5.78	5.20	4.68	4.05	3.63
90.0	7.57	6.89	6.57	5.94	5.15	4.78	4.26	3.73	3.21
135.0	9.67	8.94	8.30	7.62	6.99	6.41	5.78	5.20	4.68
180.0	10.67	9.93	9.25	8.62	7.94	7.31	6.68	6.04	5.52
225.0	9.78	9.15	8.73	8.09	7.25	6.83	6.20	5.68	5.05
270.0	11.25	10.51	9.78	9.20	8.52	7.83	7.25	6.62	5.99
315.0	10.62	9.88	9.30	8.62	7.94	7.31	6.68	6.10	5.52
360.0	8.36	7.73	7.10	6.52	5.94	5.41	4.84	4.21	3.73
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.26	2.94	2.47	2.16	1.94	1.73	1.42	1.16	0.95
45.0	3.15	2.73	2.21	1.89	1.58	1.37	1.16	0.89	0.95
90.0	2.68	2.31	2.05	1.73	1.52	1.26	1.05	0.95	1.00
135.0	4.15	3.68	3.21	2.79	2.42	2.16	1.89	1.58	0.95
180.0	4.94	4.36	3.89	3.42	2.89	2.52	2.16	1.84	1.52
225.0	4.36	3.89	3.47	3.10	2.68	2.21	1.94	1.58	1.37
270.0	5.41	4.89	4.21	3.73	3.21	2.68	2.31	2.00	1.79
315.0	4.94	4.52	3.99	3.57	3.15	2.89	2.42	2.16	1.89
360.0	3.26	2.94	2.47	2.16	1.94	1.73	1.42	1.16	0.95

Intensity data(cd)

C/γ(°)	90.0
0.0	0.95
45.0	0.89
90.0	1.00
135.0	0.95
180.0	1.31
225.0	1.26
270.0	1.42
315.0	1.79
360.0	0.95