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NT

Client:

LumCAT: 3-2806-L

Luminaire: 92.70.412.00

Report No: 2024326-B030

Ballast type: AC

Test No: 2024326-C030

Voltage(V): 34.460

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.811

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3559.42, Efficiency(%): 84.15% , Luminous Efficacy(lm/W): 143.46

Central intensity(cd): 12639.980, Maximum intensity(cd): 12639.980

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=23.2

[C90/270]Total=23.2

Field angle(10%Imax): [C0/180]Total=57.8

[C90/270]Total=57.8

Maximum s/h(1/2): C0_180=0.39 C90_270=0.39

Maximum s/h(1/4): C0_180=0.45 C90_270=0.45

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.15%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.860%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/26
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	12639.982	0.000	0	0.00%	0.00%
1.0	12550.735	12.053	12.053	0.28%	0.34%
2.0	12155.877	35.461	47.515	0.84%	1.33%
3.0	11941.619	57.633	105.148	1.36%	2.95%
4.0	11526.913	78.557	183.705	1.86%	5.16%
5.0	10888.214	96.429	280.133	2.28%	7.87%
6.0	10189.674	110.770	390.903	2.62%	10.98%
7.0	9473.652	122.050	512.953	2.89%	14.41%
8.0	8712.640	130.156	643.109	3.08%	18.07%
9.0	7949.872	135.041	778.15	3.19%	21.86%
10.0	7289.958	137.915	916.064	3.26%	25.74%
11.0	6670.424	139.493	1055.557	3.30%	29.66%
12.0	6091.271	139.504	1195.061	3.30%	33.57%
13.0	5531.064	137.928	1332.989	3.26%	37.45%
14.0	5047.156	135.400	1468.389	3.20%	41.25%
15.0	4609.042	132.565	1600.954	3.13%	44.98%
16.0	4214.893	129.295	1730.249	3.06%	48.61%
17.0	3832.083	125.313	1855.562	2.96%	52.13%
18.0	3529.960	121.384	1976.946	2.87%	55.54%
19.0	3244.663	117.865	2094.811	2.79%	58.85%
20.0	2994.333	114.191	2209.002	2.70%	62.06%
21.0	2798.575	111.236	2320.237	2.63%	65.19%
22.0	2650.009	109.492	2429.729	2.59%	68.26%
23.0	2303.724	103.943	2533.672	2.46%	71.18%
24.0	2090.702	96.078	2629.749	2.27%	73.88%
25.0	1866.195	89.971	2719.721	2.13%	76.41%
26.0	1666.852	83.398	2803.119	1.97%	78.75%
27.0	1518.571	77.932	2881.051	1.84%	80.94%
28.0	1348.673	72.593	2953.643	1.72%	82.98%
29.0	1257.531	68.186	3021.829	1.61%	84.90%
30.0	1140.640	64.750	3086.579	1.53%	86.72%
31.0	1000.925	59.597	3146.176	1.41%	88.39%
32.0	850.178	53.032	3199.208	1.25%	89.88%
33.0	694.647	45.511	3244.719	1.08%	91.16%
34.0	539.855	37.360	3282.079	0.88%	92.21%
35.0	402.335	29.261	3311.339	0.69%	93.03%
36.0	299.701	22.353	3333.692	0.53%	93.66%
37.0	236.716	17.495	3351.187	0.41%	94.15%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	201.039	14.612	3365.799	0.35%	94.56%
39.0	125.992	11.162	3376.962	0.26%	94.87%
40.0	114.704	8.395	3385.356	0.20%	95.11%
41.0	104.850	7.818	3393.174	0.18%	95.33%
42.0	96.686	7.322	3400.497	0.17%	95.54%
43.0	88.215	6.849	3407.346	0.16%	95.73%
44.0	81.624	6.410	3413.756	0.15%	95.91%
45.0	75.121	6.024	3419.78	0.14%	96.08%
46.0	69.225	5.645	3425.425	0.13%	96.24%
47.0	64.060	5.301	3430.726	0.13%	96.38%
48.0	59.920	5.012	3435.738	0.12%	96.53%
49.0	56.050	4.762	3440.5	0.11%	96.66%
50.0	52.531	4.527	3445.027	0.11%	96.79%
51.0	49.459	4.315	3449.343	0.10%	96.91%
52.0	47.081	4.143	3453.485	0.10%	97.02%
53.0	44.931	4.003	3457.488	0.09%	97.14%
54.0	43.065	3.878	3461.366	0.09%	97.25%
55.0	41.529	3.776	3465.142	0.09%	97.35%
56.0	40.256	3.696	3468.838	0.09%	97.46%
57.0	39.430	3.643	3472.481	0.09%	97.56%
58.0	38.735	3.615	3476.096	0.09%	97.66%
59.0	37.908	3.583	3479.679	0.08%	97.76%
60.0	37.206	3.549	3483.228	0.08%	97.86%
61.0	36.299	3.508	3486.735	0.08%	97.96%
62.0	34.916	3.432	3490.167	0.08%	98.05%
63.0	33.307	3.318	3493.485	0.08%	98.15%
64.0	31.814	3.195	3496.68	0.08%	98.24%
65.0	30.256	3.072	3499.752	0.07%	98.32%
66.0	28.830	2.948	3502.7	0.07%	98.41%
67.0	27.864	2.851	3505.551	0.07%	98.49%
68.0	27.089	2.784	3508.335	0.07%	98.56%
69.0	26.664	2.742	3511.077	0.06%	98.64%
70.0	26.525	2.732	3513.809	0.06%	98.72%
71.0	26.452	2.738	3516.547	0.06%	98.80%
72.0	26.489	2.753	3519.3	0.07%	98.87%
73.0	26.335	2.762	3522.062	0.07%	98.95%
74.0	26.028	2.753	3524.815	0.07%	99.03%
75.0	25.713	2.734	3527.549	0.06%	99.10%

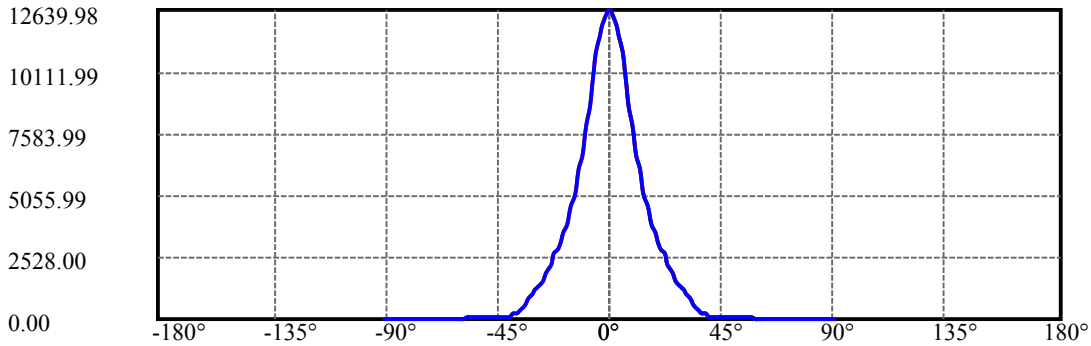
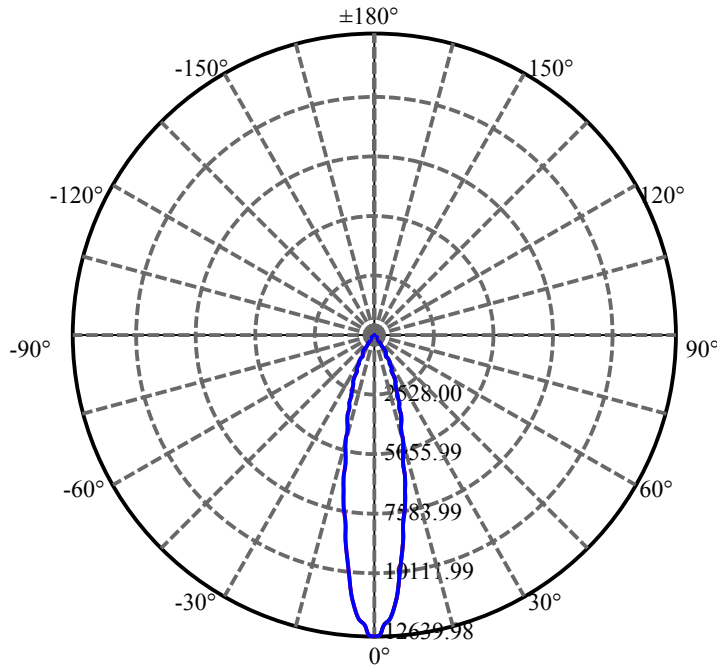
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	25.274	2.707	3530.255	0.06%	99.18%
77.0	24.835	2.672	3532.927	0.06%	99.26%
78.0	24.280	2.629	3535.556	0.06%	99.33%
79.0	23.577	2.571	3538.127	0.06%	99.40%
80.0	22.648	2.492	3540.619	0.06%	99.47%
81.0	21.653	2.396	3543.015	0.06%	99.54%
82.0	19.656	2.240	3545.255	0.05%	99.60%
83.0	17.732	2.032	3547.288	0.05%	99.66%
84.0	16.840	1.883	3549.171	0.04%	99.71%
85.0	16.284	1.808	3550.979	0.04%	99.76%
86.0	15.772	1.752	3552.731	0.04%	99.81%
87.0	15.435	1.708	3554.439	0.04%	99.86%
88.0	15.201	1.678	3556.117	0.04%	99.91%
89.0	15.011	1.656	3557.773	0.04%	99.95%
90.0	14.967	1.644	3559.417	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3086.58	72.97%	86.72%
0-40	3385.36	80.03%	95.11%
0-60	3483.23	82.35%	97.86%
0-90	3557.77	84.11%	99.95%
0-120	3557.77	84.11%	99.95%
0-180	3559.42	84.15%	100.00%
60-90	74.55	1.76%	2.09%
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%
0-26.57	2847.53	67.32%	80.00%

ZONAL LUMEN SUMMARY

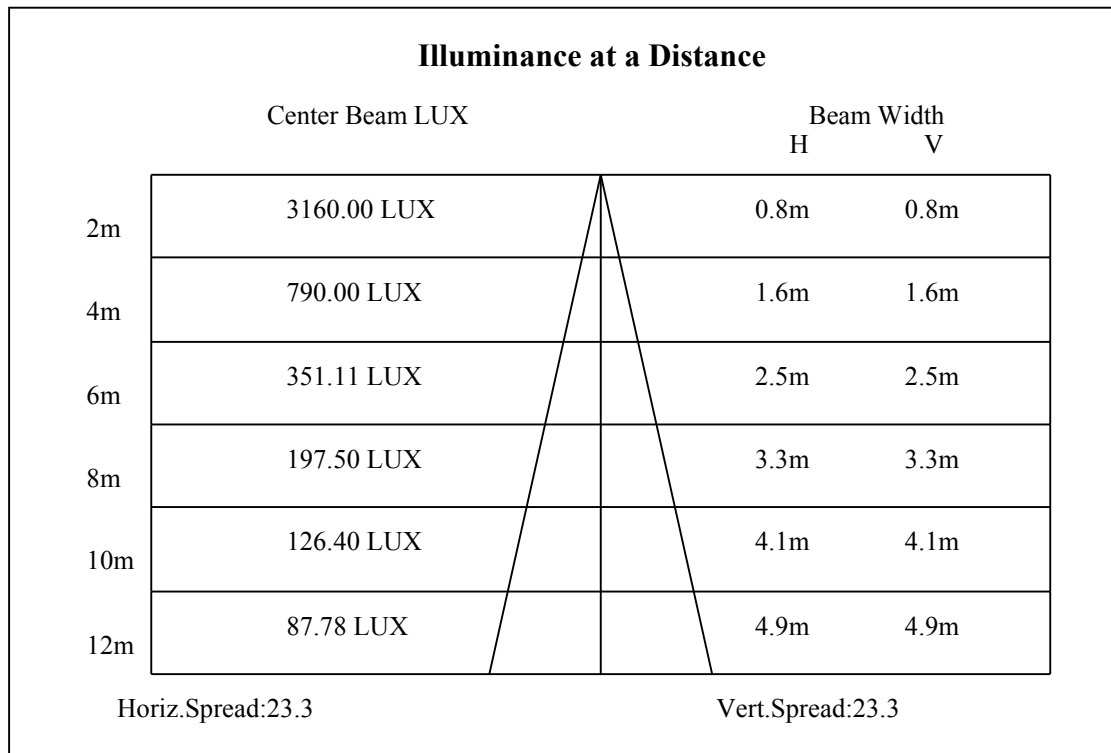
0-10	916.06
10-20	1292.94
20-30	877.58
30-40	298.78
40-50	59.67
50-60	38.20
60-70	30.58
70-80	26.81
80-90	17.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

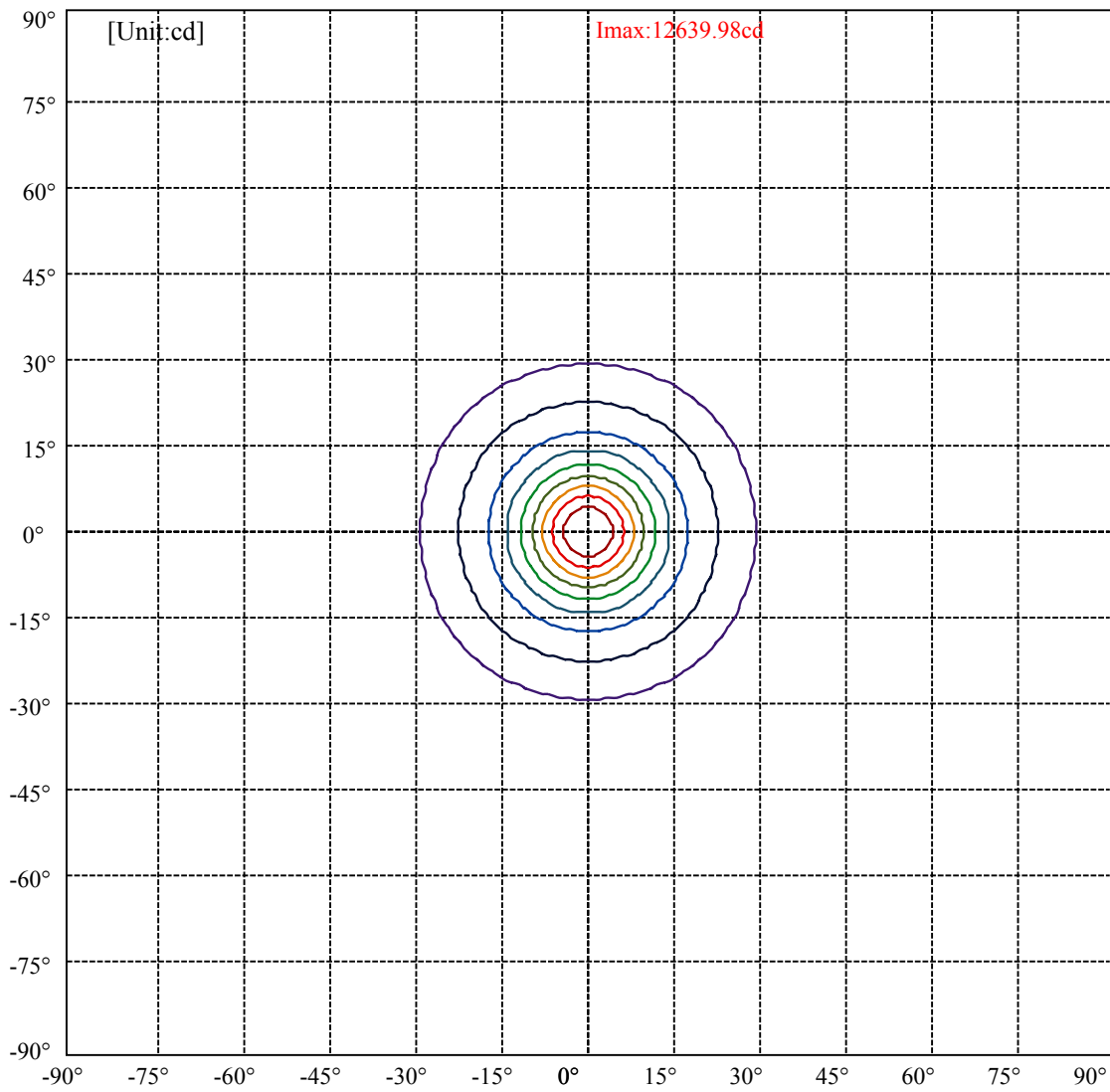


C0(Max): —————
C0/C180: —————
C90/C270: —————

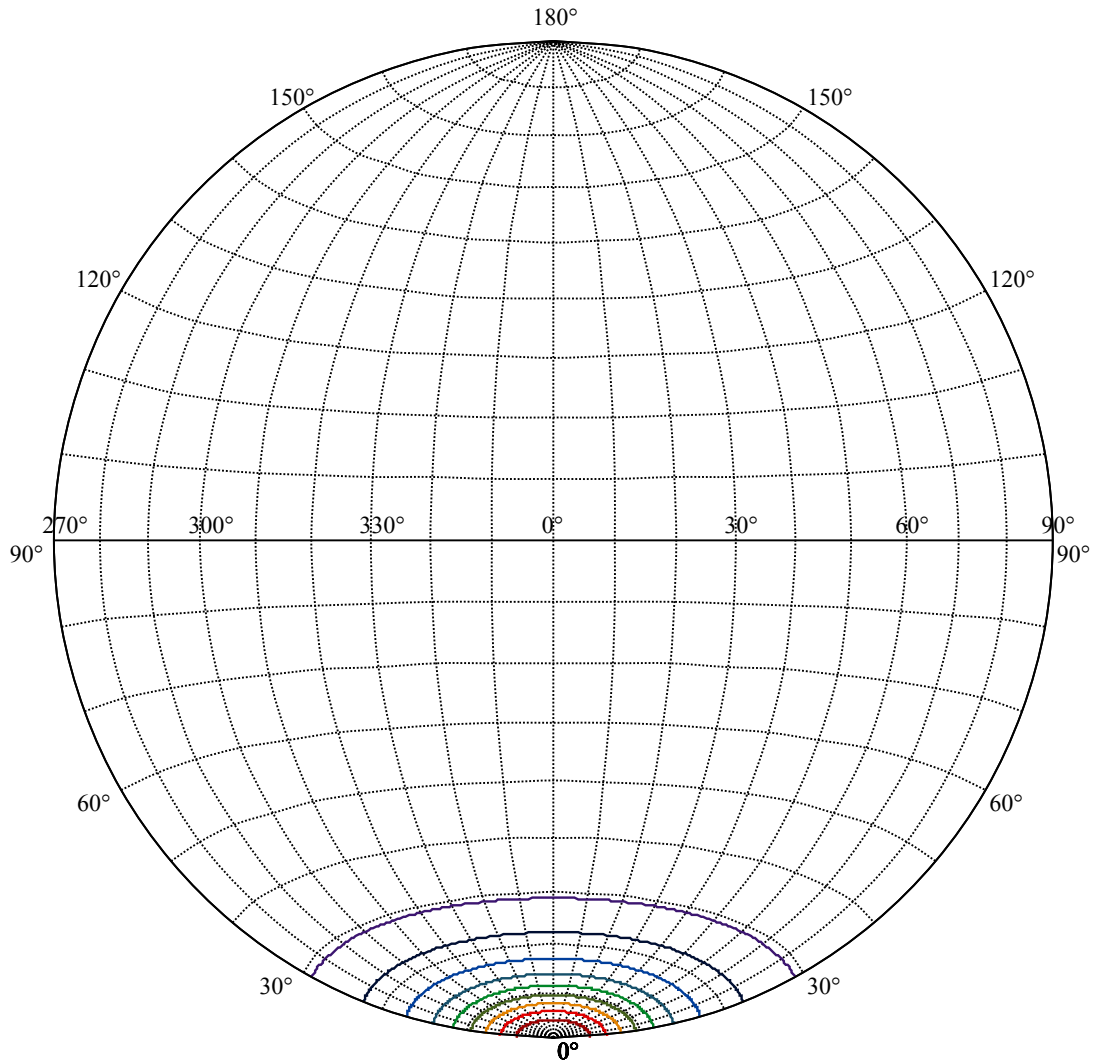
Field angle(10%Imax):C0/180Left:28.9 Right:28.9
:C90/270Left:28.9 Right:28.9

Beam Angle(50%Imax):C0/180Left:11.6 Right:11.6
:C90/270Left:11.6 Right:11.6





(10%Imax) 1264	—
(20%Imax) 2528	—
(30%Imax) 3792	—
(40%Imax) 5055.99	—
(50%Imax) 6319.99	—
(60%Imax) 7583.99	—
(70%Imax) 8847.99	—
(80%Imax) 10112	—
(90%Imax) 11376	—



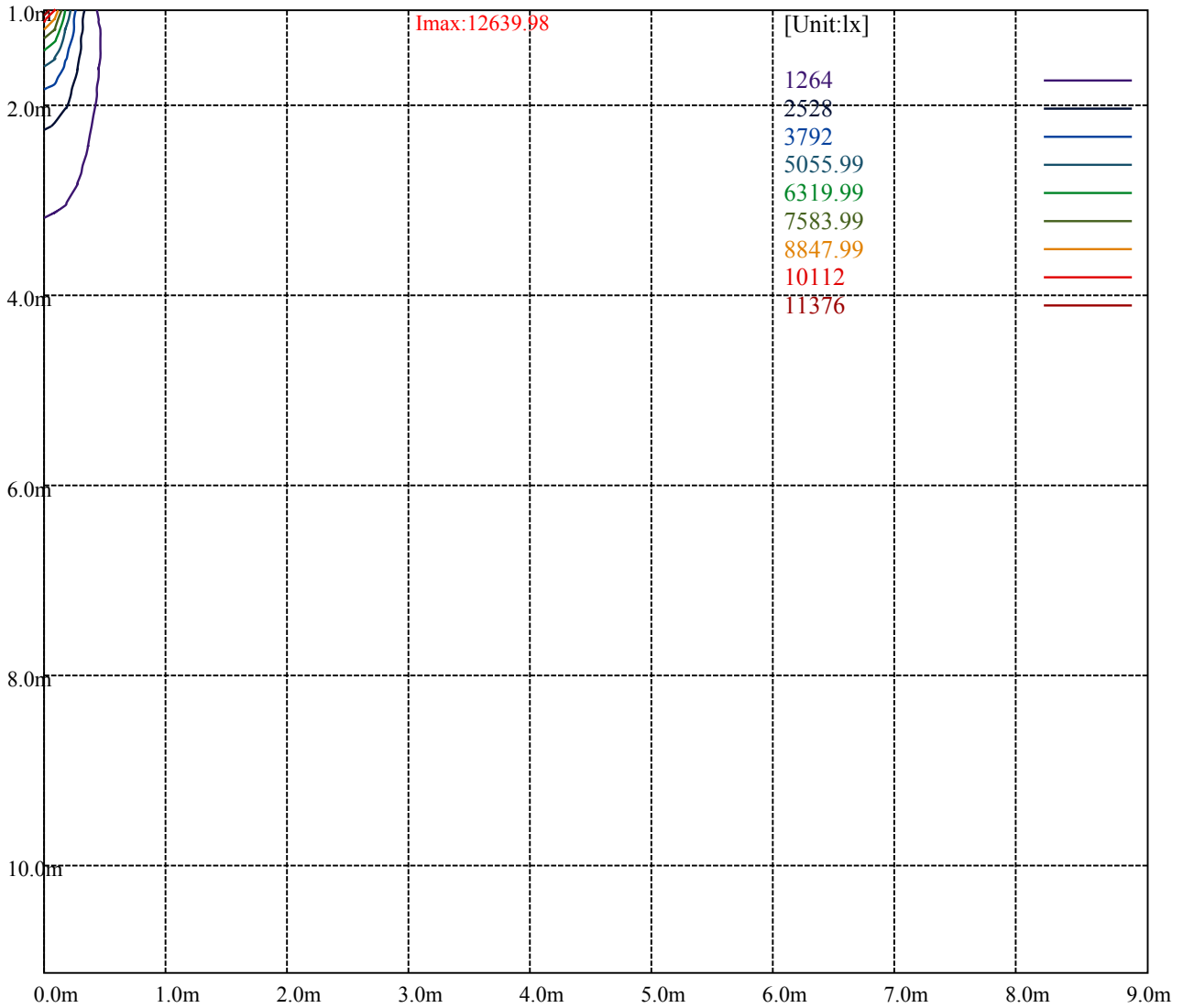
House

[Unit:cd]

Road

I_{max}:12639.98

(10%I _{max}) 1264	—
(20%I _{max}) 2528	—
(30%I _{max}) 3792	—
(40%I _{max}) 5055.99	—
(50%I _{max}) 6319.99	—
(60%I _{max}) 7583.99	—
(70%I _{max}) 8847.99	—
(80%I _{max}) 10112	—
(90%I _{max}) 11376	—



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

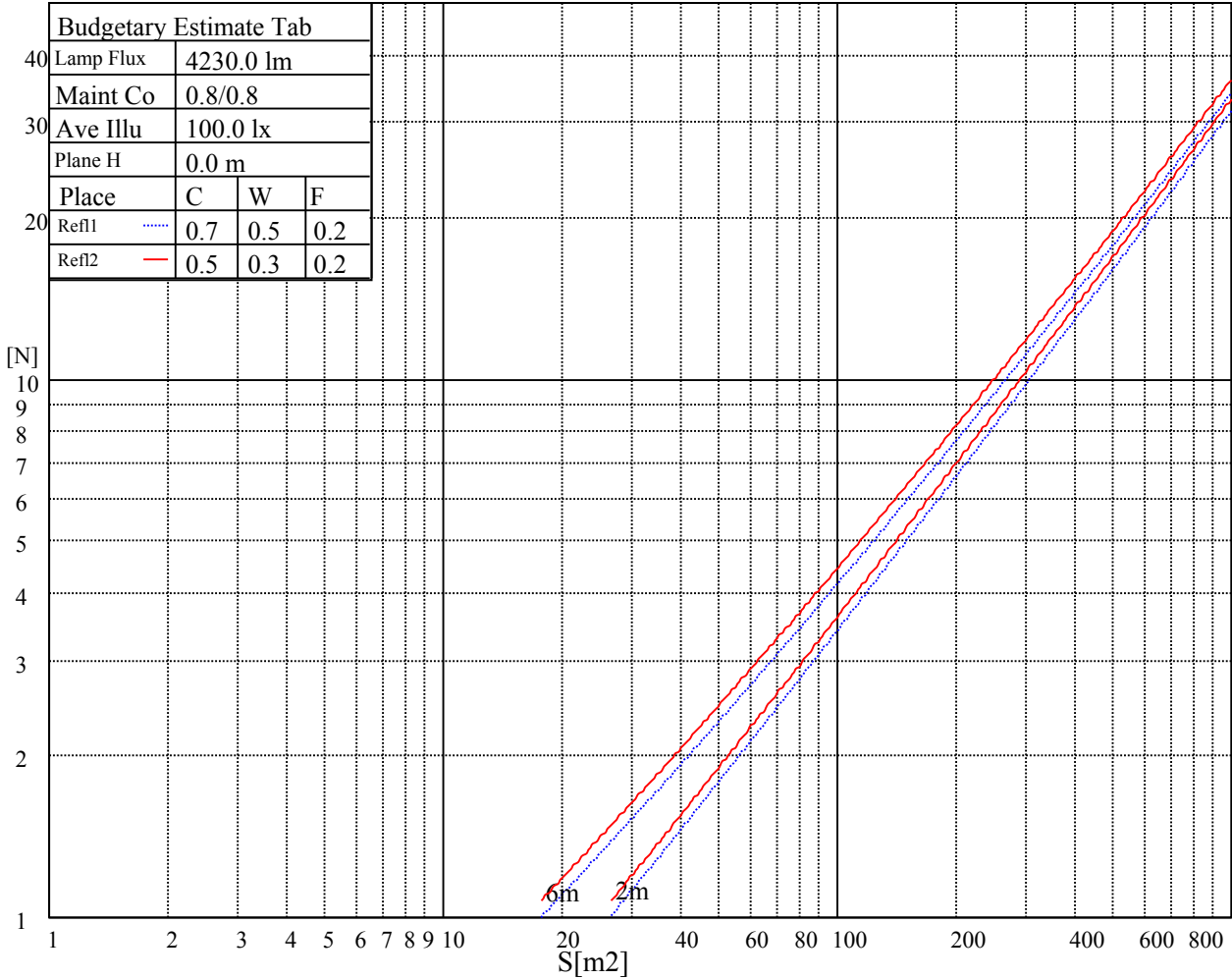
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

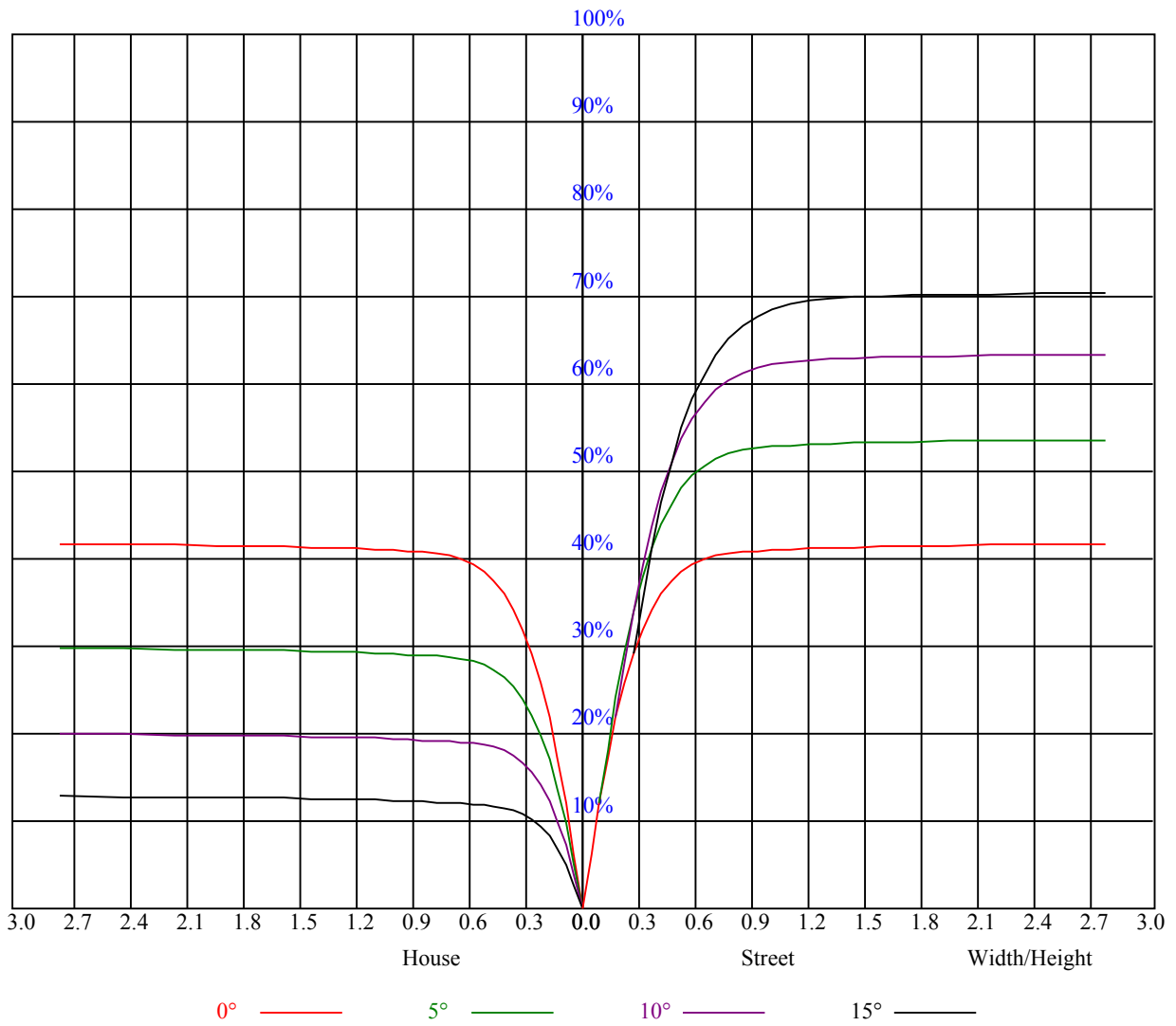


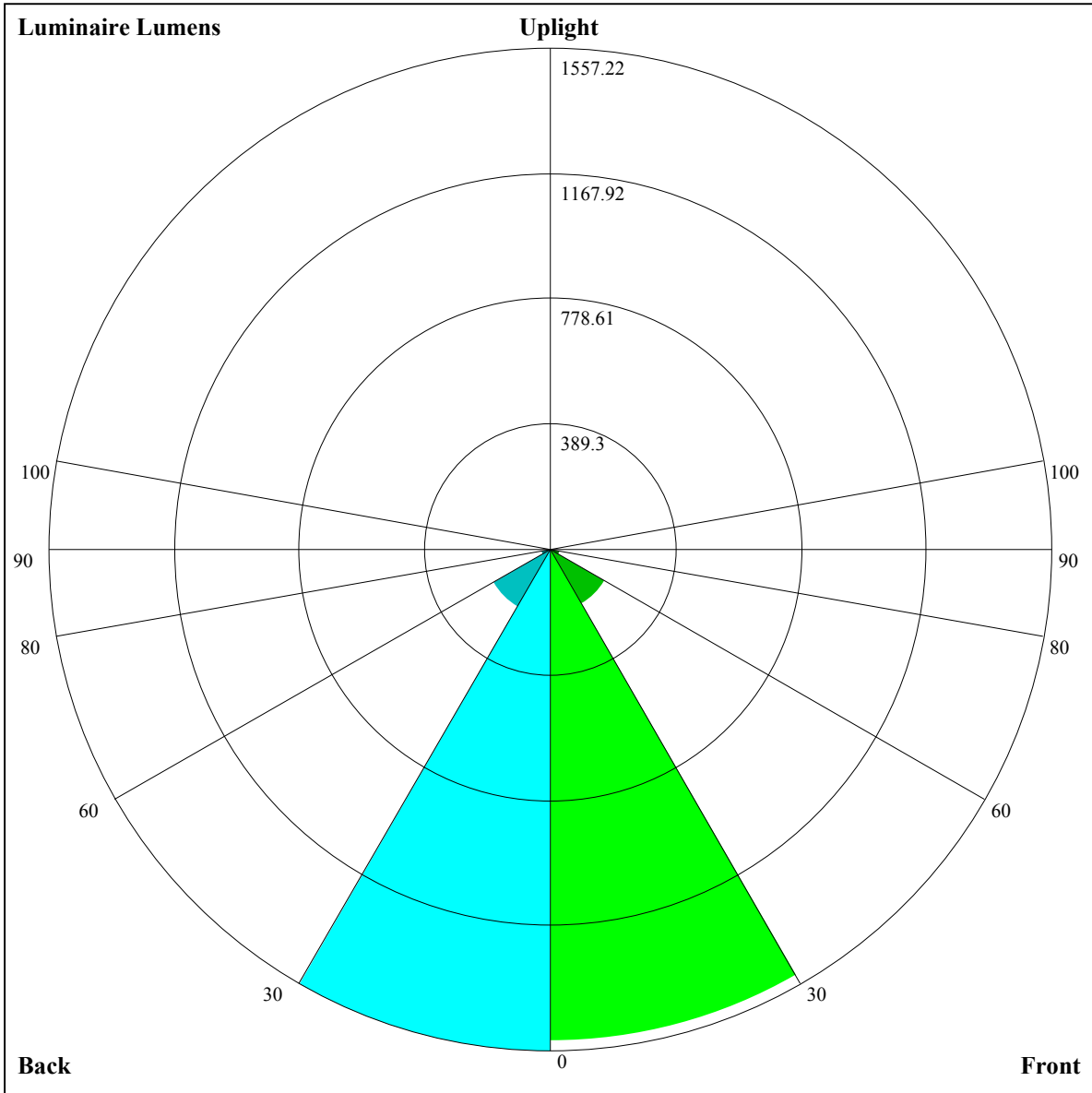
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
	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	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	
8H	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 RHOF=20 CU															
0	1.00	1.00	1.00	0.98	0.98	0.98	0.93	0.93	0.93	0.90	0.90	0.90	0.86	0.86	0.86	0.84
1	0.94	0.92	0.90	0.92	0.90	0.89	0.89	0.87	0.86	0.86	0.84	0.83	0.83	0.82	0.81	0.80
2	0.88	0.85	0.83	0.87	0.84	0.82	0.84	0.82	0.80	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	0.80	0.78	0.75	0.78	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	0.71	0.74	0.72	0.70	0.69
5	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.70	0.68	0.72	0.70	0.67	0.71	0.69	0.67	0.66
6	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
7	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.60
8	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.58
9	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56
10	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.60	0.57	0.55	0.54





Luminaire Lumens:

FL=1526.39,FM=194.55,FH=29.93,FVH=9.64

BL=1557.22,BM=205.51,BH=28.77,BVH=9.3

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	12650.22	12509.77	11609.75	11609.75	11321.24	10526.50	9855.83	9159.41	8465.92
45.0	12615.11	12667.78	12585.85	12375.17	12024.03	11391.99	10771.65	10098.64	9238.36
90.0	12673.63	12597.55	12328.35	11644.28	11504.41	10895.19	10051.30	9349.03	8654.37
135.0	12620.96	12661.93	12580.00	12386.87	11965.51	11468.07	10865.29	10192.28	9326.15
180.0	12650.22	12644.37	12515.62	12193.75	11801.65	11280.80	10479.04	9788.47	9080.35
225.0	12615.11	12293.24	11639.60	11639.60	11072.52	10249.69	9544.49	8834.62	8142.29
270.0	12673.63	12597.55	12421.99	12117.67	11544.15	10976.48	10326.88	9636.31	8758.48
315.0	12620.96	12433.69	11565.86	11565.86	10981.81	10316.99	9622.91	8730.45	8035.20
360.0	12650.22	12509.77	11609.75	11609.75	11321.24	10526.50	9855.83	9159.41	8465.92
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7634.32	7004.03	6429.34	5771.55	5298.69	4868.55	4385.73	4039.28	3657.13
45.0	8553.65	7880.64	7236.89	6651.67	5978.66	5487.07	5024.74	4503.89	4141.05
90.0	7800.52	7162.63	6558.09	6012.07	5388.23	4933.51	4525.60	4162.18	3758.37
135.0	8623.88	7950.87	7149.11	6569.74	6031.33	5416.84	4966.22	4544.86	4082.53
180.0	8220.07	7552.91	6932.58	6364.91	5732.86	5258.83	4831.62	4433.66	3988.89
225.0	7320.64	6726.05	6181.20	5678.50	5100.88	4686.54	4310.24	3897.66	3602.70
270.0	8073.76	7424.16	6797.97	6095.70	5592.41	5118.38	4591.68	4228.84	3819.18
315.0	7372.14	6618.37	6078.21	5586.03	5125.46	4607.53	4236.50	3908.78	3606.80
360.0	7634.32	7004.03	6429.34	5771.55	5298.69	4868.55	4385.73	4039.28	3657.13
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3384.41	3138.62	2915.65	2640.59	2426.99	2213.96	2002.70	1793.77	1586.02
45.0	3813.33	3456.34	3204.69	2970.60	2970.60	2493.70	2287.70	2025.52	1816.01
90.0	3476.88	3156.18	2923.26	2704.38	2445.71	2238.54	2030.20	1823.62	1613.52
135.0	3760.66	3473.90	3157.87	2982.31	2982.31	2507.75	2254.35	2044.83	1834.15
180.0	3678.72	3409.52	3105.20	2982.31	2982.31	2413.53	2193.48	1936.57	1734.67
225.0	3332.33	3031.52	2807.97	2593.78	2336.86	2133.79	1931.30	1735.84	1552.66
270.0	3520.71	3257.36	3029.12	2970.60	2715.50	2338.03	2133.20	1872.19	1676.14
315.0	3272.64	3033.86	2810.89	2544.03	2339.79	2090.48	1892.68	1697.21	1521.64
360.0	3384.41	3138.62	2915.65	2640.59	2426.99	2213.96	2002.70	1793.77	1586.02
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1472.48	1166.47	1166.47	1064.58	926.06	751.96	614.54	449.69	329.19
45.0	1641.61	1517.55	1387.63	1268.83	1139.49	1004.89	831.08	690.04	520.32
90.0	1496.48	1399.92	1141.31	1141.31	1007.76	862.21	713.21	528.46	393.68
135.0	1657.42	1499.40	1407.52	1301.60	1147.68	1012.50	830.49	685.94	545.49
180.0	1579.00	1467.80	1367.14	1210.89	1077.46	937.59	797.13	622.74	491.65
225.0	1444.98	1159.86	1159.86	1017.41	873.86	729.07	554.85	425.17	285.24
270.0	1533.35	1428.01	1279.95	1147.68	1008.99	823.47	676.58	534.37	374.60
315.0	1323.25	1150.38	1150.38	972.82	826.10	679.74	539.28	382.44	278.51
360.0	1472.48	1166.47	1166.47	1064.58	926.06	751.96	614.54	449.69	329.19
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	228.24	159.47	131.38	119.91	110.72	102.41	94.40	85.85	79.59
45.0	392.74	303.79	303.79	133.02	121.14	109.14	101.01	93.05	86.38
90.0	278.86	175.63	137.47	120.85	111.02	102.47	94.22	85.68	79.47
135.0	412.06	321.35	321.35	136.30	123.48	110.78	101.89	93.58	86.50
180.0	369.92	314.91	314.91	133.20	118.39	108.50	99.61	89.42	82.69
225.0	197.75	146.31	126.76	115.93	106.86	98.73	91.24	82.93	76.49
270.0	319.59	319.59	139.99	127.93	117.45	106.57	98.90	91.65	84.97
315.0	198.45	152.69	132.67	120.79	108.56	100.19	92.23	83.57	76.90
360.0	228.24	159.47	131.38	119.91	110.72	102.41	94.40	85.85	79.59

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	72.10	67.18	62.79	57.94	54.54	51.27	48.22	46.12	44.24
45.0	80.53	73.21	68.30	63.91	59.81	55.60	52.20	49.57	46.88
90.0	73.15	67.89	62.33	58.35	54.84	51.56	48.34	46.29	43.95
135.0	78.77	72.74	66.42	62.03	57.94	53.55	50.50	48.05	45.82
180.0	76.08	68.76	64.14	59.93	56.06	52.14	49.22	46.82	44.59
225.0	70.87	66.25	60.92	57.47	53.43	50.62	48.22	45.53	43.77
270.0	78.30	71.40	66.66	62.33	57.82	54.60	51.15	48.69	46.47
315.0	71.16	66.36	60.92	57.41	53.96	50.91	47.81	45.59	43.72
360.0	72.10	67.18	62.79	57.94	54.54	51.27	48.22	46.12	44.24
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	42.78	41.02	39.91	39.50	38.80	37.63	37.34	35.99	34.24
45.0	44.95	43.13	41.84	40.67	40.15	39.44	38.51	38.04	37.34
90.0	42.49	41.20	39.85	39.27	38.57	37.57	37.16	36.28	34.53
135.0	43.48	42.02	40.61	39.27	38.62	38.04	37.16	36.40	35.70
180.0	42.25	40.73	38.98	37.92	37.40	36.52	35.76	35.23	34.18
225.0	42.37	40.67	39.85	39.21	38.33	37.57	36.81	35.35	33.88
270.0	44.42	42.84	41.43	40.61	39.91	38.92	38.10	37.69	35.64
315.0	41.79	40.61	39.56	38.98	38.10	37.57	36.81	35.41	33.83
360.0	42.78	41.02	39.91	39.50	38.80	37.63	37.34	35.99	34.24
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	33.01	31.31	29.55	28.32	26.98	25.63	24.76	24.46	24.76
45.0	35.17	34.00	32.71	30.43	29.26	28.32	26.74	26.86	27.56
90.0	33.01	31.72	29.79	28.56	27.74	27.97	29.73	30.67	30.72
135.0	33.83	32.30	31.02	28.91	27.74	26.57	25.22	23.99	23.23
180.0	32.25	31.13	29.61	28.09	26.69	25.52	24.35	23.29	22.77
225.0	32.42	30.55	29.09	27.80	26.39	25.28	24.93	25.11	25.28
270.0	34.18	33.01	31.13	30.55	31.49	32.19	33.30	34.41	34.53
315.0	32.60	30.49	29.14	27.97	26.63	25.22	24.29	23.41	22.77
360.0	33.01	31.31	29.55	28.32	26.98	25.63	24.76	24.46	24.76
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	25.75	26.22	26.34	26.39	26.34	26.04	25.28	24.40	22.94
45.0	28.91	29.67	30.08	30.49	30.61	30.49	30.20	29.67	28.85
90.0	30.37	30.02	29.32	29.03	28.21	27.74	26.98	26.22	25.05
135.0	22.59	21.95	21.42	20.83	20.42	19.96	19.61	19.20	18.73
180.0	22.59	22.47	22.30	21.95	21.54	21.30	20.95	20.48	19.72
225.0	25.22	25.05	24.81	24.46	23.88	23.17	22.53	21.71	20.78
270.0	34.29	33.77	32.89	31.89	31.08	30.31	29.44	28.09	26.80
315.0	22.18	21.54	21.07	20.66	20.13	19.66	19.25	18.84	18.32
360.0	25.75	26.22	26.34	26.39	26.34	26.04	25.28	24.40	22.94
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	21.36	19.20	17.38	16.74	16.33	15.80	15.33	15.16	14.86
45.0	27.86	24.87	21.36	17.91	16.68	16.27	15.74	15.27	15.10
90.0	23.88	19.96	17.09	16.62	16.21	15.74	15.45	15.16	14.98
135.0	18.38	17.91	17.38	16.97	16.50	15.98	15.68	15.39	15.16
180.0	19.08	18.02	17.03	16.50	16.09	15.68	15.45	15.10	14.98
225.0	19.84	18.20	17.03	16.44	15.68	15.39	15.16	15.27	14.92
270.0	24.93	21.59	17.44	16.80	16.44	15.80	15.45	15.16	14.92
315.0	17.91	17.50	17.15	16.74	16.33	15.51	15.22	15.10	15.16
360.0	21.36	19.20	17.38	16.74	16.33	15.80	15.33	15.16	14.86

Intensity data(cd)

C/ γ (°)	90.0
0.0	15.10
45.0	14.86
90.0	14.92
135.0	14.92
180.0	14.86
225.0	14.92
270.0	15.10
315.0	15.04
360.0	15.10