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NT

Client:

LumCAT: 3-2807-L

Luminaire: 92.70.412.00

Report No: 2024326-B032

Ballast type: AC

Test No: 2024326-C032

Voltage(V): 34.470

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.818

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3535.03, Efficiency(%): 83.57% , Luminous Efficacy(lm/W): 142.44

Central intensity(cd): 8170.824, Maximum intensity(cd): 8170.824

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=35.2

[C90/270]Total=35.2

Field angle(10%Imax): [C0/180]Total=64.6

[C90/270]Total=64.6

Maximum s/h(1/2): C0_180=0.58 C90_270=0.58

Maximum s/h(1/4): C0_180=0.59 C90_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 83.57%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.721%

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	8170.824	0.000	0	0.00%	0.00%
1.0	8150.999	7.810	7.81	0.18%	0.22%
2.0	8109.741	23.339	31.149	0.55%	0.88%
3.0	8053.706	38.658	69.806	0.91%	1.97%
4.0	7967.092	53.627	123.433	1.27%	3.49%
5.0	7850.779	68.048	191.481	1.61%	5.42%
6.0	7702.205	81.735	273.216	1.93%	7.73%
7.0	7512.153	94.435	367.651	2.23%	10.40%
8.0	7271.625	105.805	473.456	2.50%	13.39%
9.0	6993.058	115.608	589.063	2.73%	16.66%
10.0	6688.010	123.809	712.872	2.93%	20.17%
11.0	6372.793	130.504	843.376	3.09%	23.86%
12.0	6051.578	135.816	979.192	3.21%	27.70%
13.0	5692.176	139.369	1118.561	3.29%	31.64%
14.0	5334.165	141.136	1259.697	3.34%	35.63%
15.0	4995.466	141.810	1401.507	3.35%	39.65%
16.0	4661.010	141.494	1543.001	3.35%	43.65%
17.0	4286.978	139.344	1682.346	3.29%	47.59%
18.0	3945.207	135.731	1818.077	3.21%	51.43%
19.0	3649.302	132.129	1950.205	3.12%	55.17%
20.0	3332.842	127.793	2077.998	3.02%	58.78%
21.0	3047.910	122.523	2200.521	2.90%	62.25%
22.0	2779.073	117.096	2317.617	2.77%	65.56%
23.0	2537.740	111.561	2429.178	2.64%	68.72%
24.0	2310.015	105.989	2535.168	2.51%	71.72%
25.0	2090.116	100.049	2635.217	2.37%	74.55%
26.0	1894.505	94.057	2729.274	2.22%	77.21%
27.0	1727.423	88.611	2817.886	2.09%	79.71%
28.0	1483.662	81.298	2899.184	1.92%	82.01%
29.0	1321.614	73.394	2972.577	1.74%	84.09%
30.0	1202.367	68.147	3040.724	1.61%	86.02%
31.0	1028.101	62.071	3102.795	1.47%	87.77%
32.0	864.919	54.233	3157.028	1.28%	89.31%
33.0	698.942	46.072	3203.1	1.09%	90.61%
34.0	534.603	37.331	3240.431	0.88%	91.67%
35.0	406.066	29.214	3269.644	0.69%	92.49%
36.0	288.670	22.121	3291.765	0.52%	93.12%
37.0	231.713	16.972	3308.737	0.40%	93.60%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	197.674	14.332	3323.069	0.34%	94.00%
39.0	125.911	11.045	3334.114	0.26%	94.32%
40.0	114.675	8.391	3342.505	0.20%	94.55%
41.0	105.545	7.842	3350.347	0.19%	94.78%
42.0	97.645	7.382	3357.729	0.17%	94.98%
43.0	91.405	7.003	3364.732	0.17%	95.18%
44.0	86.021	6.697	3371.428	0.16%	95.37%
45.0	81.163	6.425	3377.853	0.15%	95.55%
46.0	76.723	6.175	3384.028	0.15%	95.73%
47.0	72.722	5.944	3389.972	0.14%	95.90%
48.0	69.737	5.759	3395.731	0.14%	96.06%
49.0	66.964	5.614	3401.344	0.13%	96.22%
50.0	64.148	5.467	3406.811	0.13%	96.37%
51.0	61.814	5.329	3412.14	0.13%	96.52%
52.0	59.795	5.218	3417.359	0.12%	96.67%
53.0	57.791	5.115	3422.474	0.12%	96.82%
54.0	55.735	5.004	3427.477	0.12%	96.96%
55.0	53.629	4.882	3432.359	0.12%	97.10%
56.0	51.397	4.746	3437.105	0.11%	97.23%
57.0	49.195	4.599	3441.704	0.11%	97.36%
58.0	46.730	4.436	3446.14	0.10%	97.49%
59.0	44.353	4.258	3450.399	0.10%	97.61%
60.0	42.195	4.089	3454.487	0.10%	97.72%
61.0	39.927	3.919	3458.406	0.09%	97.83%
62.0	37.901	3.750	3462.157	0.09%	97.94%
63.0	35.991	3.594	3465.75	0.08%	98.04%
64.0	34.272	3.448	3469.198	0.08%	98.14%
65.0	32.795	3.319	3472.517	0.08%	98.23%
66.0	31.668	3.216	3475.733	0.08%	98.32%
67.0	30.688	3.135	3478.869	0.07%	98.41%
68.0	29.934	3.071	3481.94	0.07%	98.50%
69.0	29.488	3.031	3484.971	0.07%	98.58%
70.0	29.239	3.016	3487.987	0.07%	98.67%
71.0	29.086	3.015	3491.002	0.07%	98.75%
72.0	28.654	3.002	3494.004	0.07%	98.84%
73.0	28.288	2.978	3496.982	0.07%	98.92%
74.0	27.791	2.948	3499.93	0.07%	99.01%
75.0	27.162	2.903	3502.834	0.07%	99.09%

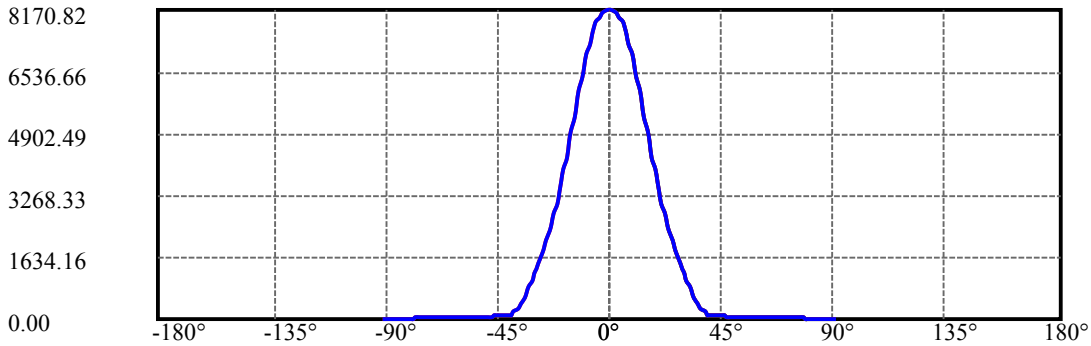
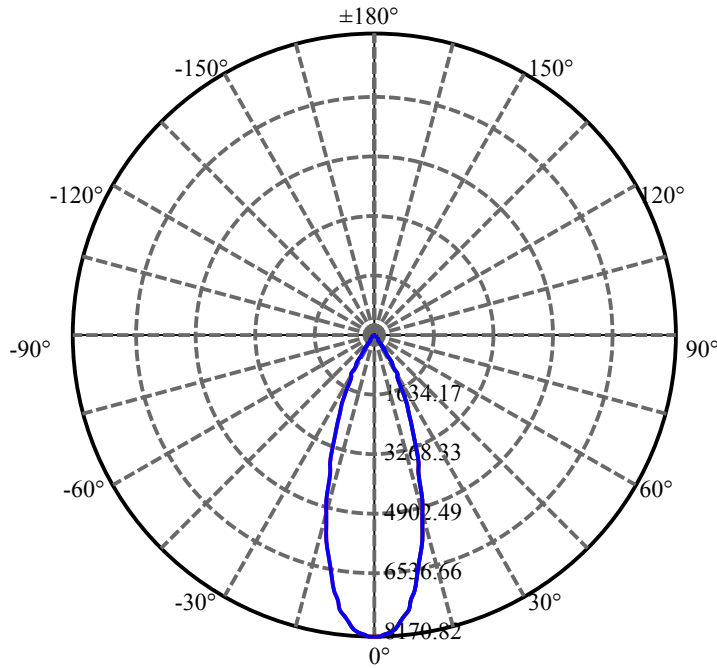
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	26.467	2.847	3505.68	0.07%	99.17%
77.0	25.750	2.784	3508.464	0.07%	99.25%
78.0	24.996	2.716	3511.181	0.06%	99.33%
79.0	23.936	2.629	3513.81	0.06%	99.40%
80.0	22.677	2.513	3516.323	0.06%	99.47%
81.0	21.207	2.373	3518.696	0.06%	99.54%
82.0	19.020	2.181	3520.878	0.05%	99.60%
83.0	17.623	1.992	3522.87	0.05%	99.66%
84.0	16.979	1.885	3524.755	0.04%	99.71%
85.0	16.496	1.827	3526.582	0.04%	99.76%
86.0	15.808	1.766	3528.347	0.04%	99.81%
87.0	15.406	1.708	3530.056	0.04%	99.86%
88.0	15.216	1.677	3531.733	0.04%	99.91%
89.0	15.004	1.656	3533.389	0.04%	99.95%
90.0	14.982	1.644	3535.033	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3040.72	71.88%	86.02%
0-40	3342.50	79.02%	94.55%
0-60	3454.49	81.67%	97.72%
0-90	3533.39	83.53%	99.95%
0-120	3533.39	83.53%	99.95%
0-180	3535.03	83.57%	100.00%
60-90	78.90	1.87%	2.23%
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%
0-27.12	2828.03	66.86%	80.00%

ZONAL LUMEN SUMMARY

0-10	712.87
10-20	1365.13
20-30	962.73
30-40	301.78
40-50	64.31
50-60	47.68
60-70	33.50
70-80	28.34
80-90	17.07
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: —————

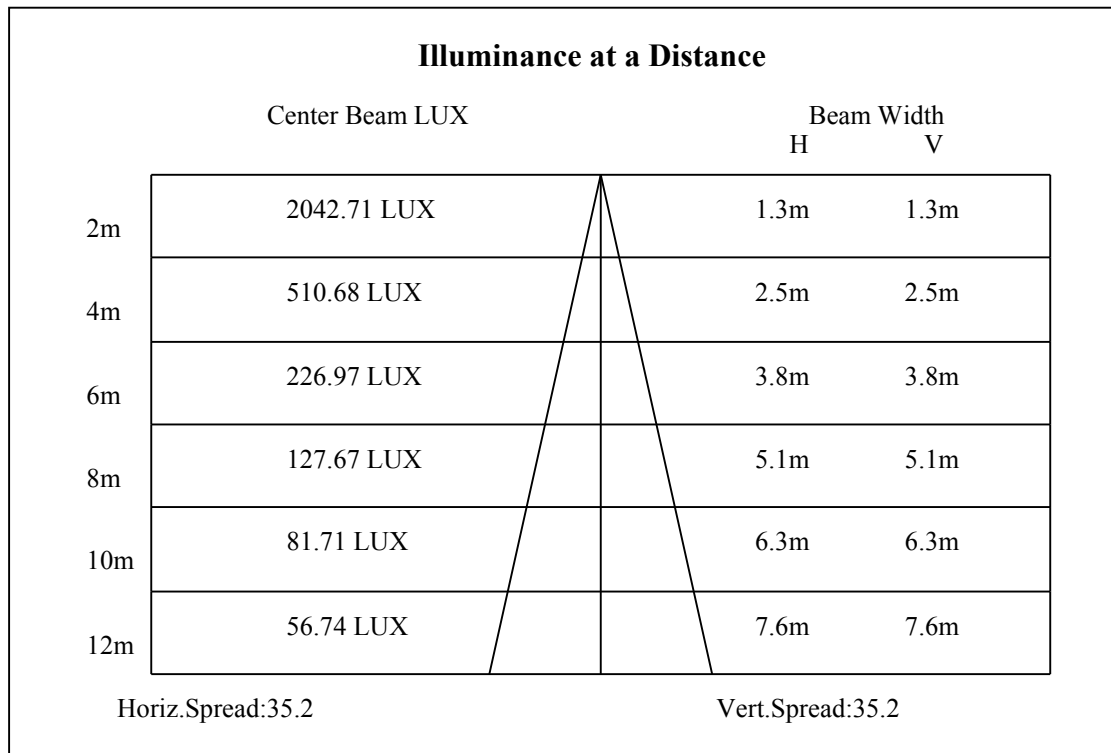
C90/C270: —————

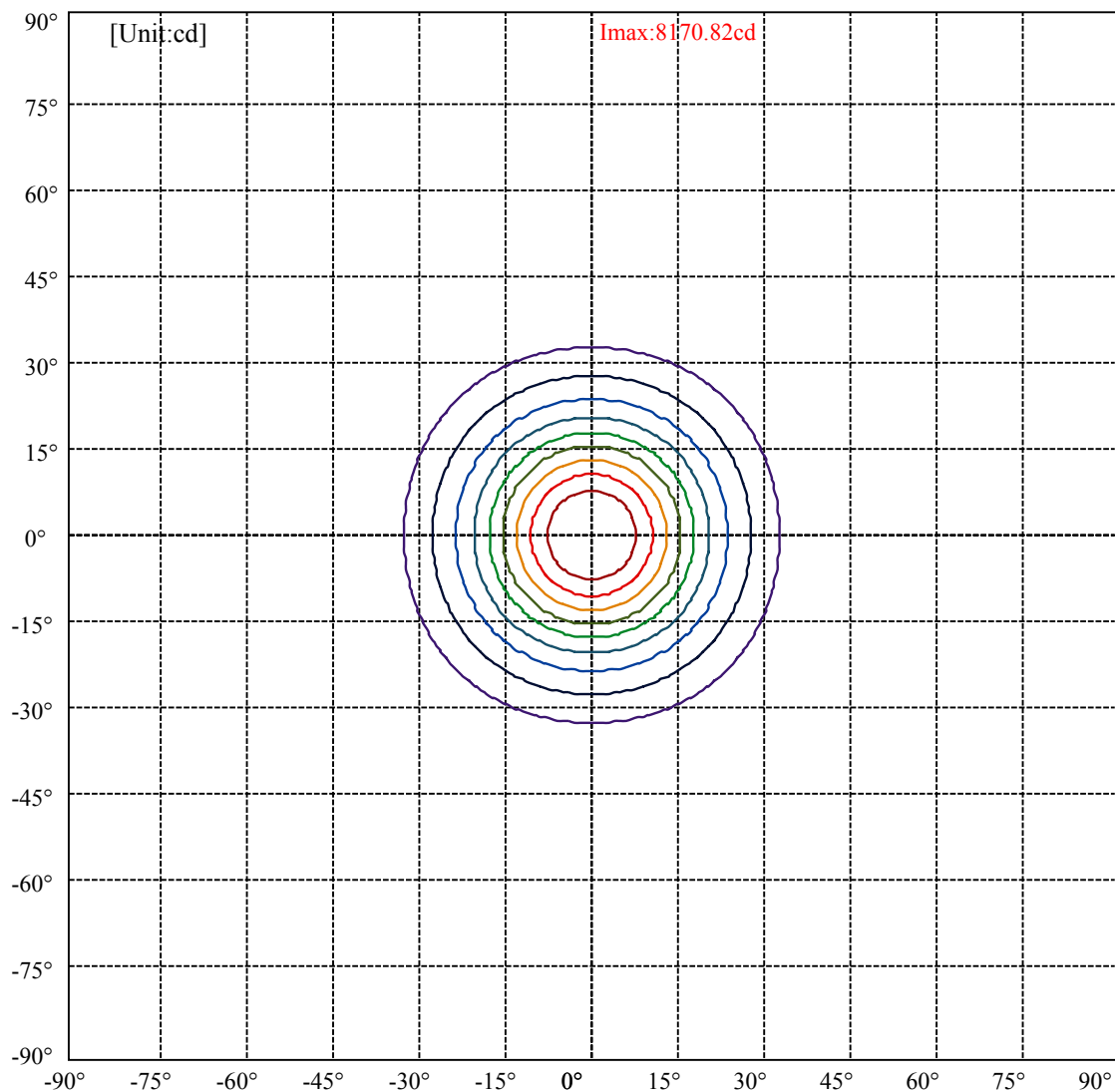
Field angle(10%Imax):C0/180Left:32.3 Right:32.3

:C90/270Left:32.3 Right:32.3

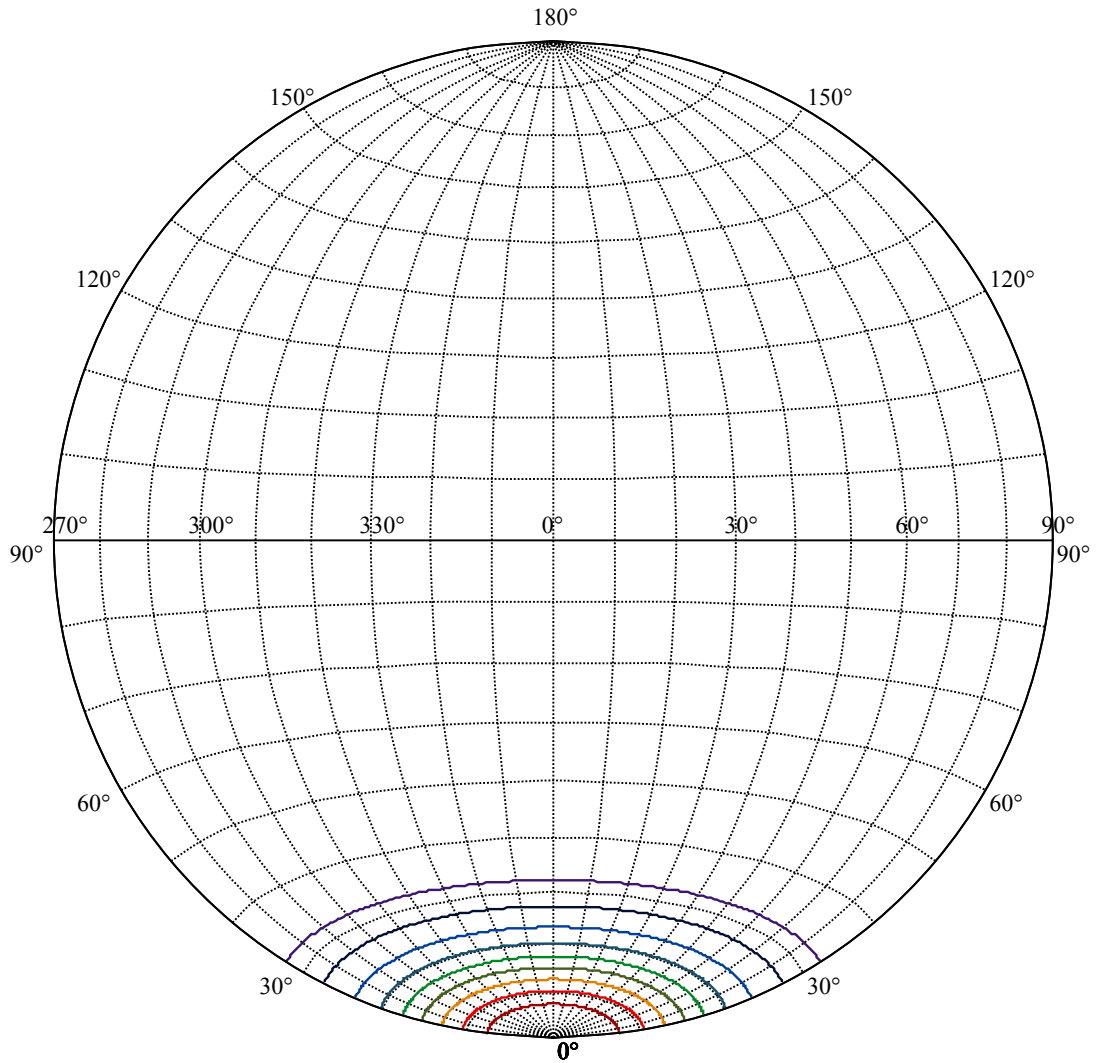
Beam Angle(50%Imax):C0/180Left:17.6 Right:17.6

:C90/270Left:17.6 Right:17.6





(10%Imax) 817.082	—
(20%Imax) 1634.16	—
(30%Imax) 2451.25	—
(40%Imax) 3268.33	—
(50%Imax) 4085.41	—
(60%Imax) 4902.49	—
(70%Imax) 5719.58	—
(80%Imax) 6536.66	—
(90%Imax) 7353.74	—



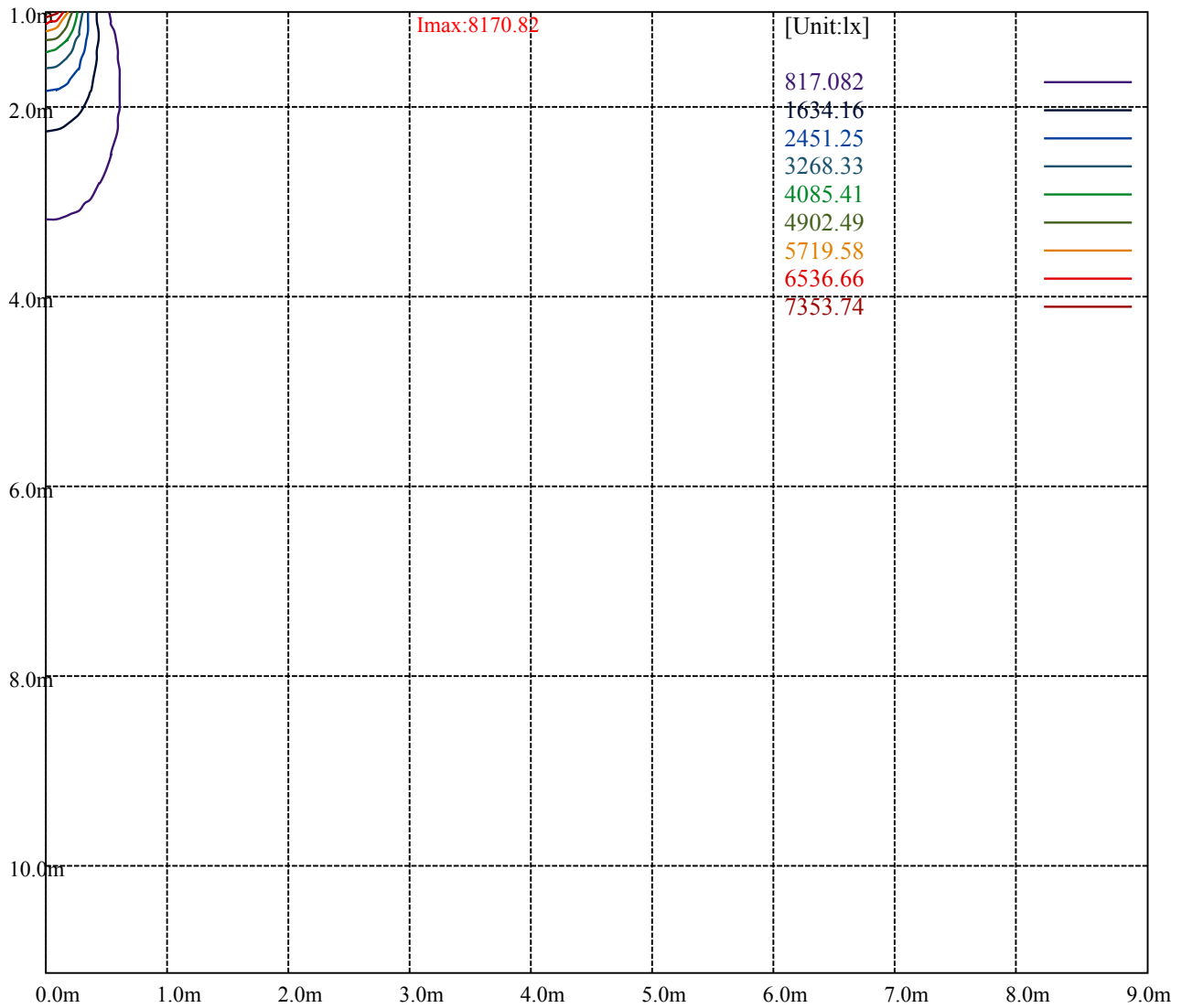
House

[Unit:cd]

Road

Imax:8170.82

(10%Imax) 817.082	—
(20%Imax) 1634.16	—
(30%Imax) 2451.25	—
(40%Imax) 3268.33	—
(50%Imax) 4085.41	—
(60%Imax) 4902.49	—
(70%Imax) 5719.58	—
(80%Imax) 6536.66	—
(90%Imax) 7353.74	—



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

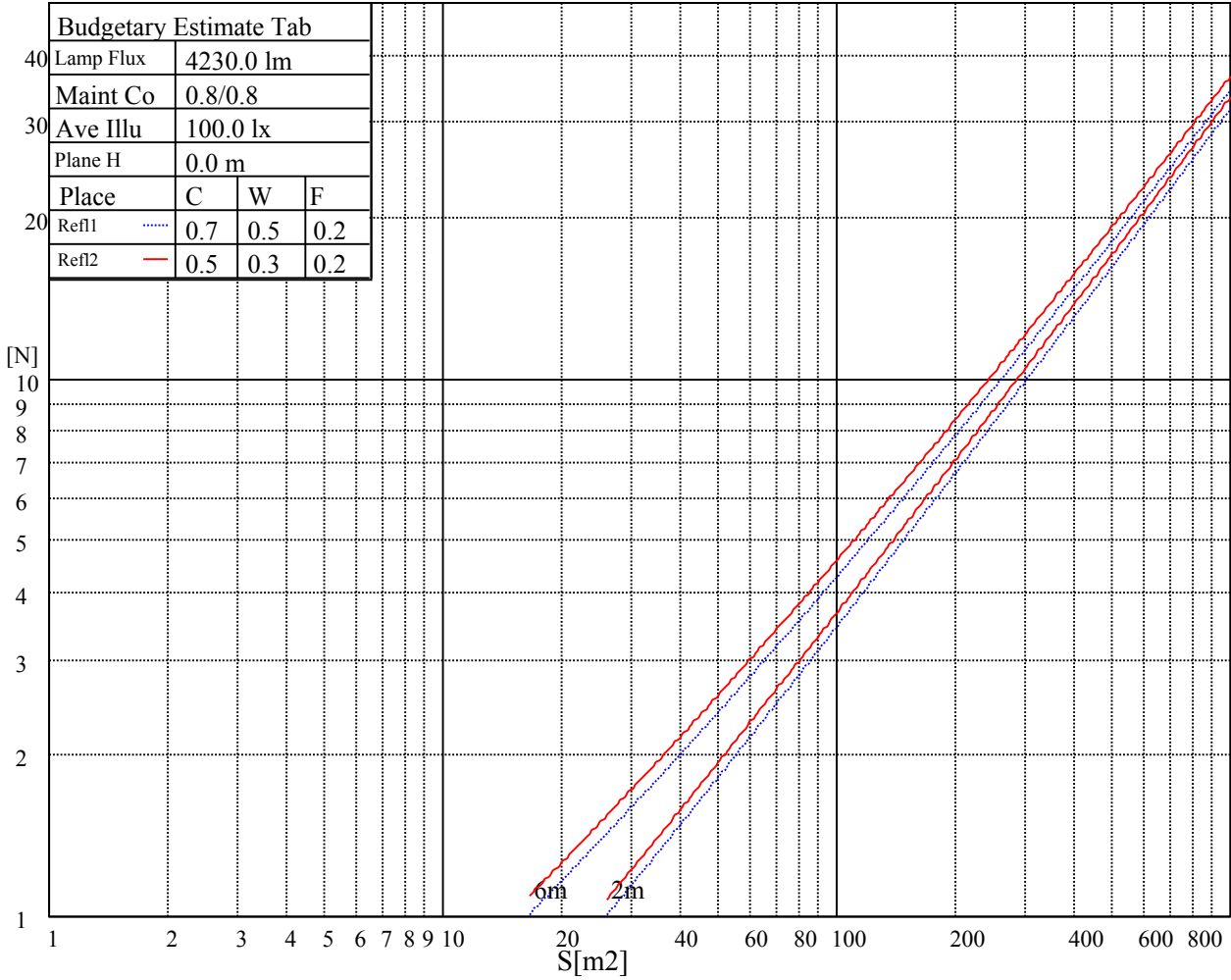
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

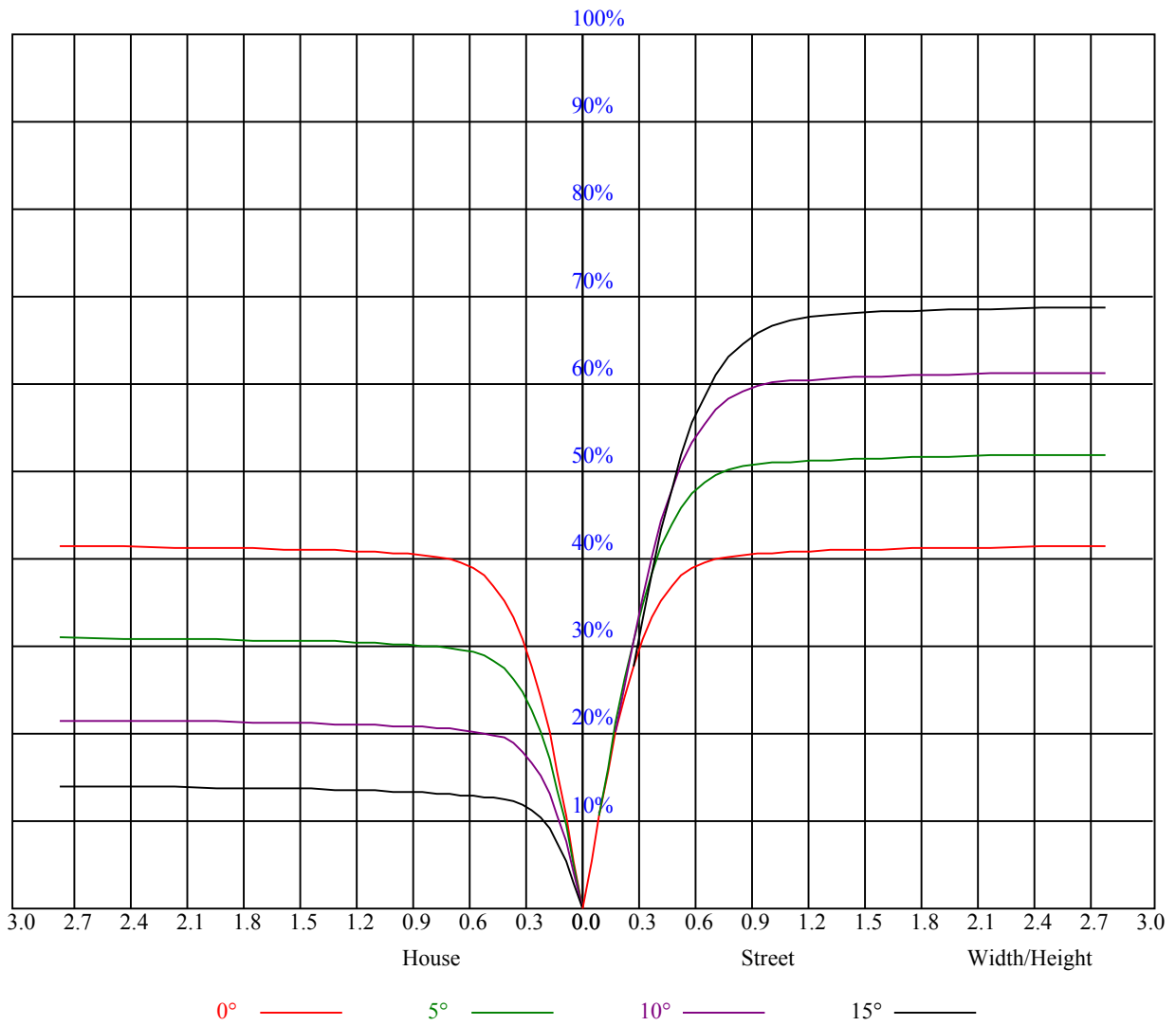


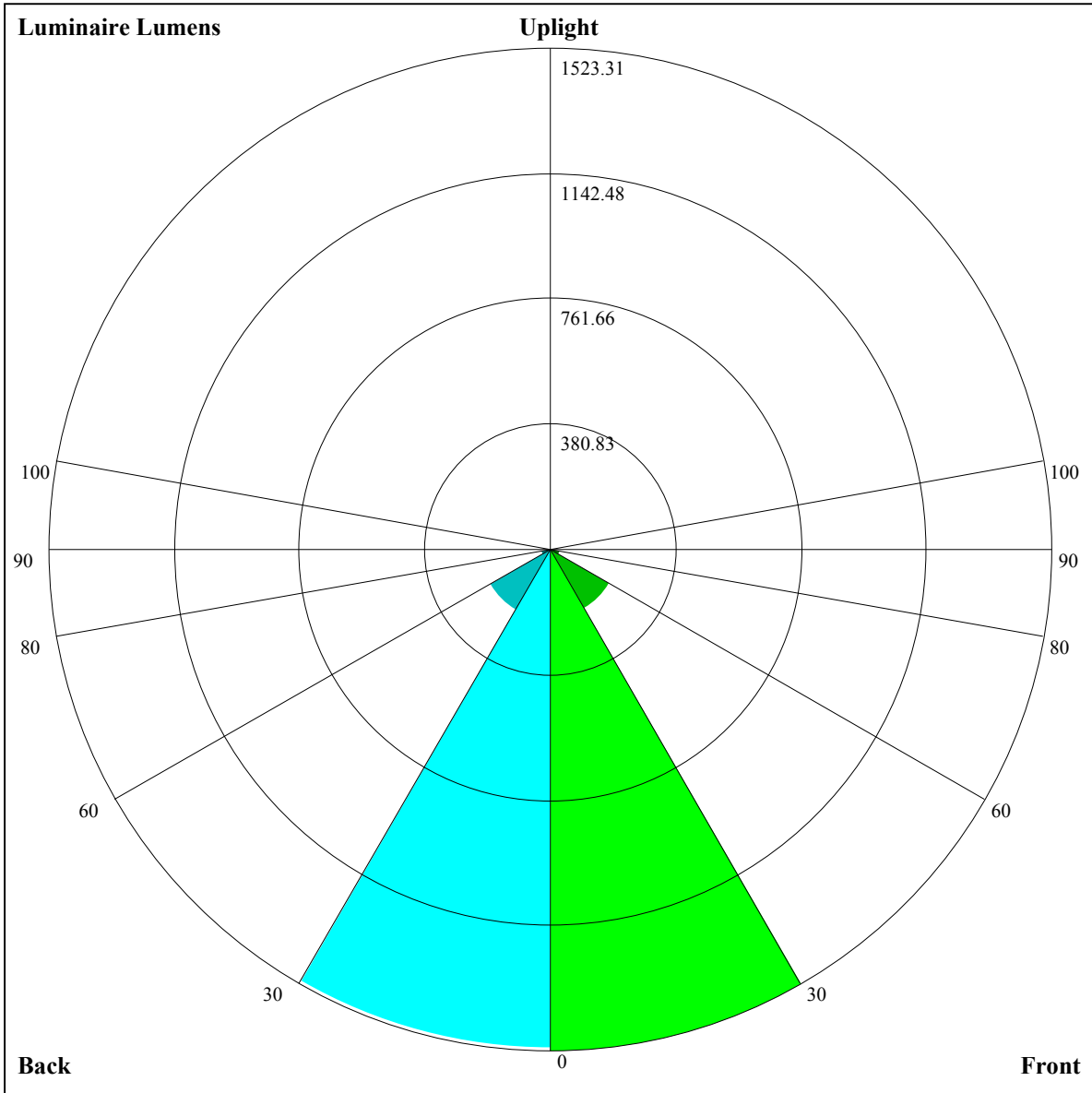
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	0.99	0.99	0.99	0.97	0.97	0.97	0.93	0.93	0.93	0.89	0.89	0.89	0.85	0.85	0.85	0.84
1	0.93	0.91	0.89	0.91	0.89	0.88	0.88	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.79
2	0.87	0.84	0.82	0.86	0.83	0.81	0.83	0.81	0.79	0.81	0.79	0.77	0.79	0.77	0.76	0.74
3	0.82	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.75	0.73	0.72	0.71
4	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.65	0.69	0.67	0.65	0.64
6	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.62	0.67	0.64	0.62	0.61
7	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.64	0.61	0.59	0.58
8	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.56
9	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.60	0.57	0.54	0.53
10	0.60	0.55	0.53	0.59	0.55	0.53	0.59	0.55	0.52	0.58	0.55	0.52	0.57	0.54	0.52	0.51





Luminaire Lumens:

FL=1523.31,FM=206.63,FH=32.19,FVH=9.58

BL=1514.61,BM=212.34,BH=31,BVH=9.32

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	8188.53	8168.63	8133.52	8086.70	8015.89	7884.21	7735.56	7537.76	7304.25
45.0	8151.66	8182.09	8182.09	8155.17	8095.48	8019.40	7928.10	7797.60	7575.21
90.0	8179.16	8159.85	8125.32	8066.80	7965.56	7868.41	7733.22	7509.08	7294.30
135.0	8163.95	8156.92	8130.59	8077.92	8011.79	7931.03	7795.84	7646.02	7407.84
180.0	8188.53	8160.44	8114.79	8055.10	7956.78	7856.70	7701.62	7523.13	7307.76
225.0	8151.66	8095.48	8008.28	7925.18	7816.32	7634.32	7438.27	7207.69	6944.92
270.0	8179.16	8160.44	8110.69	8056.85	7958.53	7853.19	7711.57	7527.81	7246.31
315.0	8163.95	8124.15	8072.65	8005.94	7916.40	7758.97	7573.46	7348.14	7092.40
360.0	8188.53	8168.63	8133.52	8086.70	8015.89	7884.21	7735.56	7537.76	7304.25
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6965.41	6695.03	6314.64	5996.86	5668.55	5258.31	4923.56	4591.73	4192.61
45.0	7360.43	7108.20	6836.66	6460.36	6156.04	5825.39	5415.73	5090.93	4752.67
90.0	7046.75	6696.20	6401.25	6075.86	5755.16	5347.84	5007.24	4667.81	4330.72
135.0	7180.18	6924.44	6638.27	6340.97	5948.87	5614.71	5277.62	4949.31	4531.46
180.0	7009.30	6736.58	6443.97	6132.05	5722.39	5386.47	5055.82	4740.38	4337.16
225.0	6657.58	6275.43	5967.01	5656.84	5254.79	4938.19	4623.34	4229.48	3924.58
270.0	6988.82	6633.00	6328.10	6007.98	5611.20	5286.40	4966.28	4643.82	4242.35
315.0	6736.00	6435.19	6052.46	5741.70	5420.41	5016.02	4694.15	4374.62	3984.27
360.0	6965.41	6695.03	6314.64	5996.86	5668.55	5258.31	4923.56	4591.73	4192.61
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3884.20	3586.32	3307.16	2975.93	2730.72	2503.07	2286.53	2028.45	1844.10
45.0	4348.28	4035.18	3661.23	3378.56	3102.92	2847.18	2552.22	2332.18	2115.06
90.0	3937.45	3631.96	3275.56	3009.87	2763.49	2480.83	2274.24	2080.53	1866.34
135.0	4212.51	3901.75	3525.45	3249.23	2931.45	2695.02	2477.90	2222.16	2028.45
180.0	4016.46	3723.85	3386.17	3111.11	2850.69	2556.91	2354.42	2155.44	1916.67
225.0	3548.28	3265.61	3004.60	2761.15	2479.66	2272.49	2071.76	1885.07	1727.06
270.0	3928.67	3644.84	3365.69	3009.87	2774.61	2561.00	2284.78	2085.80	1892.68
315.0	3685.81	3404.90	3136.86	2887.56	2599.04	2385.44	2178.27	1931.30	1765.68
360.0	3884.20	3586.32	3307.16	2975.93	2730.72	2503.07	2286.53	2028.45	1844.10
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1694.28	1369.49	1149.15	1149.15	943.44	789.47	610.97	473.68	348.91
45.0	1917.26	1751.05	1569.05	1393.48	1187.48	1016.01	855.66	670.73	532.61
90.0	1714.77	1575.48	1139.08	1139.08	1052.94	886.56	727.08	535.01	394.85
135.0	1852.30	1699.55	1573.14	1371.24	1214.40	1043.51	884.92	693.55	549.58
180.0	1758.07	1622.30	1485.94	1275.26	1106.72	939.93	783.09	602.84	472.34
225.0	1563.19	1151.31	1151.31	1061.31	860.16	706.25	530.45	404.74	292.96
270.0	1692.53	1547.98	1353.10	1169.34	1002.55	835.17	640.88	501.01	375.19
315.0	1626.98	1152.13	1152.13	1060.08	857.12	702.45	558.48	395.26	282.08
360.0	1694.28	1369.49	1149.15	1149.15	943.44	789.47	610.97	473.68	348.91
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	243.63	168.72	134.66	123.01	113.71	105.40	97.21	91.59	86.67
45.0	403.28	313.74	313.74	139.34	126.58	114.00	105.46	98.79	92.93
90.0	278.86	192.42	138.70	125.12	112.07	103.94	97.09	90.01	85.09
135.0	383.38	295.01	295.01	132.09	116.23	106.69	97.32	91.18	85.79
180.0	324.86	297.94	297.94	120.50	109.91	101.36	92.93	87.20	82.17
225.0	183.88	140.16	123.42	113.30	104.99	98.03	91.88	85.44	80.76
270.0	296.18	296.18	146.36	132.96	121.67	110.20	102.53	95.92	88.66
315.0	195.29	149.52	131.56	120.97	112.25	104.76	96.74	91.12	86.09
360.0	243.63	168.72	134.66	123.01	113.71	105.40	97.21	91.59	86.67

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	81.11	77.19	72.92	70.11	67.65	64.67	62.68	60.80	58.93
45.0	87.90	82.05	78.19	74.67	70.75	67.94	64.90	62.79	60.63
90.0	80.59	76.61	72.16	69.29	66.72	64.14	61.45	59.52	57.64
135.0	81.29	76.08	72.51	69.35	66.48	63.26	61.10	59.28	57.06
180.0	77.78	72.98	69.64	66.66	64.26	61.98	59.40	57.59	55.36
225.0	76.72	73.27	69.58	67.07	64.55	62.09	60.04	57.53	55.77
270.0	83.57	79.18	74.56	71.28	68.53	65.31	63.20	61.27	59.11
315.0	80.35	76.43	72.22	69.47	66.77	63.79	61.74	59.58	57.82
360.0	81.11	77.19	72.92	70.11	67.65	64.67	62.68	60.80	58.93
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	57.12	54.60	52.32	50.21	47.17	44.83	42.90	40.03	38.10
45.0	58.35	56.65	54.54	52.26	49.74	47.46	45.12	43.07	40.38
90.0	55.19	53.31	51.09	48.57	45.94	43.95	41.55	39.44	37.45
135.0	55.30	53.67	51.21	49.04	47.11	44.36	42.14	40.32	38.16
180.0	53.49	51.79	49.39	47.29	45.24	42.49	40.61	38.74	36.81
225.0	53.90	51.15	49.04	46.94	44.65	42.78	40.26	38.27	36.75
270.0	56.59	54.78	52.61	50.33	47.52	45.35	43.37	40.73	38.57
315.0	55.95	53.08	50.97	48.92	46.47	43.60	41.61	38.80	36.99
360.0	57.12	54.60	52.32	50.21	47.17	44.83	42.90	40.03	38.10
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	36.40	34.12	32.66	31.49	29.96	28.68	28.32	28.62	29.38
45.0	38.39	36.81	34.65	33.12	32.07	30.72	29.67	29.14	29.14
90.0	35.46	33.83	32.54	32.01	31.95	32.36	33.30	34.18	34.53
135.0	36.11	34.53	32.89	31.37	29.96	28.79	27.45	26.16	25.28
180.0	34.82	33.36	31.78	30.43	29.09	27.92	26.74	25.75	25.34
225.0	34.70	33.07	31.89	30.84	29.85	29.32	29.14	29.14	28.91
270.0	36.69	35.29	34.06	33.42	33.59	33.83	34.41	35.00	35.23
315.0	35.35	33.18	31.89	30.67	29.03	27.86	26.86	25.93	24.87
360.0	36.40	34.12	32.66	31.49	29.96	28.68	28.32	28.62	29.38
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	29.26	29.03	28.79	28.56	28.15	27.68	27.04	25.75	23.06
45.0	29.55	30.49	31.19	31.31	31.02	30.67	30.02	28.91	27.68
90.0	34.35	33.88	33.18	32.25	31.13	30.02	28.91	27.74	26.16
135.0	24.05	23.17	22.41	21.54	20.83	20.31	19.90	19.43	18.84
180.0	24.52	23.88	23.23	22.53	22.12	21.71	21.36	20.83	20.31
225.0	28.73	28.32	27.86	27.33	26.34	25.40	24.46	22.88	21.42
270.0	34.94	34.53	33.42	32.42	31.31	29.90	28.56	26.74	25.28
315.0	23.82	23.00	22.24	21.36	20.83	20.31	19.72	19.20	18.67
360.0	29.26	29.03	28.79	28.56	28.15	27.68	27.04	25.75	23.06
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.19	17.91	17.44	16.97	16.74	15.98	15.45	15.10	14.86
45.0	26.04	22.82	18.90	17.62	16.97	16.56	15.86	15.39	15.10
90.0	23.99	19.49	17.67	16.97	16.50	15.74	15.45	15.16	14.86
135.0	18.43	17.91	17.44	16.97	16.56	15.92	15.51	15.16	15.51
180.0	19.72	18.67	17.21	16.56	16.15	15.63	15.33	15.04	14.81
225.0	19.66	18.32	17.15	16.62	15.80	15.33	15.10	15.33	15.22
270.0	23.35	19.20	17.73	17.21	16.62	15.80	15.39	15.04	14.81
315.0	18.26	17.85	17.44	16.91	16.62	15.51	15.16	15.51	14.86
360.0	20.19	17.91	17.44	16.97	16.74	15.98	15.45	15.10	14.86

Intensity data(cd)

C/γ(°)	90.0
0.0	14.92
45.0	14.81
90.0	14.92
135.0	14.81
180.0	15.16
225.0	14.92
270.0	15.10
315.0	15.22
360.0	14.92