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NT

Client:

LumCAT: 2-2682-L

Luminaire: 92.70.412.00

Report No: 2024319-B013

Ballast type: AC

Test No: 2024319-C013

Voltage(V): 35.100

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.451

Lamp flux(lm): 2698.0

Power (W): 15.830

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2362.16, Efficiency(%): 87.55% , Luminous Efficacy(lm/W): 149.22

Central intensity(cd): 9268.121, Maximum intensity(cd): 9268.121

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.2

[C90/270]Total=21.2

Field angle(10%Imax): [C0/180]Total=55.2

[C90/270]Total=55.2

Maximum s/h(1/2): C0_180=0.36 C90_270=0.36

Maximum s/h(1/4): C0_180=0.41 C90_270=0.41

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 87.55%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.033%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/19
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	9268.121	0.000	0	0.00%	0.00%
1.0	9199.137	8.836	8.836	0.33%	0.37%
2.0	8996.064	26.115	34.952	0.97%	1.48%
3.0	8668.265	42.247	77.199	1.57%	3.27%
4.0	8226.566	56.552	133.751	2.10%	5.66%
5.0	7739.879	68.687	202.438	2.55%	8.57%
6.0	7168.845	78.349	280.788	2.90%	11.89%
7.0	6616.100	85.563	366.35	3.17%	15.51%
8.0	6020.634	90.439	456.789	3.35%	19.34%
9.0	5457.282	93.022	549.811	3.45%	23.28%
10.0	4941.260	94.103	643.914	3.49%	27.26%
11.0	4396.854	93.307	737.221	3.46%	31.21%
12.0	3969.932	91.461	828.682	3.39%	35.08%
13.0	3560.714	89.370	918.052	3.31%	38.87%
14.0	3192.900	86.446	1004.498	3.20%	42.52%
15.0	2896.703	83.601	1088.099	3.10%	46.06%
16.0	2619.014	80.821	1168.919	3.00%	49.49%
17.0	2376.218	77.789	1246.708	2.88%	52.78%
18.0	2164.513	74.867	1321.575	2.77%	55.95%
19.0	1985.142	72.196	1393.771	2.68%	59.00%
20.0	1810.086	69.463	1463.234	2.57%	61.94%
21.0	1642.953	66.305	1529.539	2.46%	64.75%
22.0	1510.210	63.364	1592.903	2.35%	67.43%
23.0	1407.671	61.225	1654.128	2.27%	70.03%
24.0	1290.041	58.982	1713.11	2.19%	72.52%
25.0	1173.171	56.008	1769.118	2.08%	74.89%
26.0	1059.952	52.713	1821.831	1.95%	77.13%
27.0	976.836	49.830	1871.662	1.85%	79.24%
28.0	888.774	47.233	1918.895	1.75%	81.23%
29.0	797.442	44.116	1963.011	1.64%	83.10%
30.0	700.602	40.447	2003.458	1.50%	84.81%
31.0	611.311	36.509	2039.967	1.35%	86.36%
32.0	531.472	32.739	2072.706	1.21%	87.75%
33.0	455.334	29.072	2101.778	1.08%	88.98%
34.0	392.086	25.645	2127.423	0.95%	90.06%
35.0	330.257	22.433	2149.857	0.83%	91.01%
36.0	273.951	19.238	2169.095	0.71%	91.83%
37.0	231.888	16.498	2185.592	0.61%	92.53%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	205.509	14.600	2200.192	0.54%	93.14%
39.0	179.649	13.147	2213.339	0.49%	93.70%
40.0	142.934	11.251	2224.589	0.42%	94.18%
41.0	121.485	9.416	2234.005	0.35%	94.57%
42.0	103.519	8.175	2242.18	0.30%	94.92%
43.0	89.261	7.141	2249.321	0.26%	95.22%
44.0	76.877	6.271	2255.591	0.23%	95.49%
45.0	67.111	5.534	2261.125	0.21%	95.72%
46.0	59.934	4.968	2266.094	0.18%	95.93%
47.0	53.702	4.520	2270.613	0.17%	96.12%
48.0	49.261	4.162	2274.775	0.15%	96.30%
49.0	45.984	3.911	2278.687	0.14%	96.47%
50.0	43.438	3.728	2282.415	0.14%	96.62%
51.0	41.478	3.593	2286.008	0.13%	96.78%
52.0	40.007	3.497	2289.504	0.13%	96.92%
53.0	39.093	3.441	2292.945	0.13%	97.07%
54.0	38.457	3.418	2296.363	0.13%	97.21%
55.0	37.601	3.395	2299.758	0.13%	97.36%
56.0	36.533	3.350	2303.108	0.12%	97.50%
57.0	35.450	3.291	2306.399	0.12%	97.64%
58.0	34.111	3.217	2309.616	0.12%	97.78%
59.0	32.378	3.108	2312.725	0.12%	97.91%
60.0	30.571	2.974	2315.698	0.11%	98.03%
61.0	28.398	2.814	2318.513	0.10%	98.15%
62.0	26.167	2.629	2321.142	0.10%	98.26%
63.0	24.111	2.445	2323.587	0.09%	98.37%
64.0	22.143	2.270	2325.857	0.08%	98.46%
65.0	20.432	2.107	2327.964	0.08%	98.55%
66.0	18.749	1.955	2329.919	0.07%	98.64%
67.0	17.520	1.824	2331.742	0.07%	98.71%
68.0	16.613	1.729	2333.472	0.06%	98.79%
69.0	15.860	1.657	2335.128	0.06%	98.86%
70.0	15.260	1.598	2336.726	0.06%	98.92%
71.0	14.740	1.551	2338.277	0.06%	98.99%
72.0	14.316	1.511	2339.788	0.06%	99.05%
73.0	13.914	1.476	2341.264	0.05%	99.12%
74.0	13.577	1.445	2342.709	0.05%	99.18%
75.0	13.248	1.417	2344.127	0.05%	99.24%

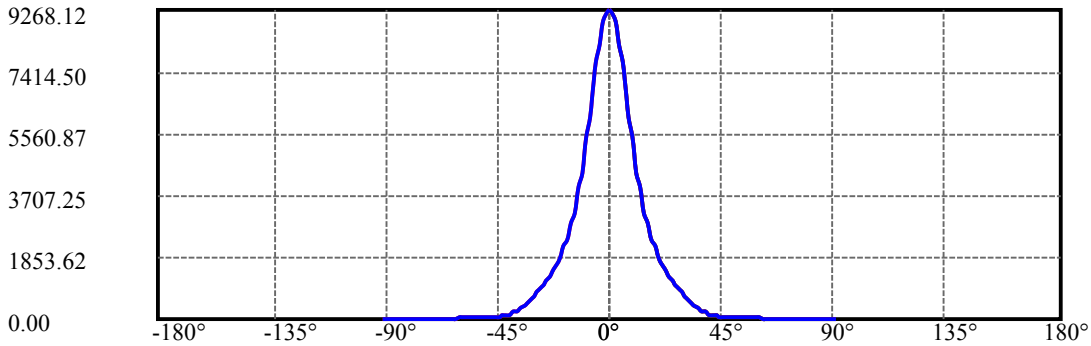
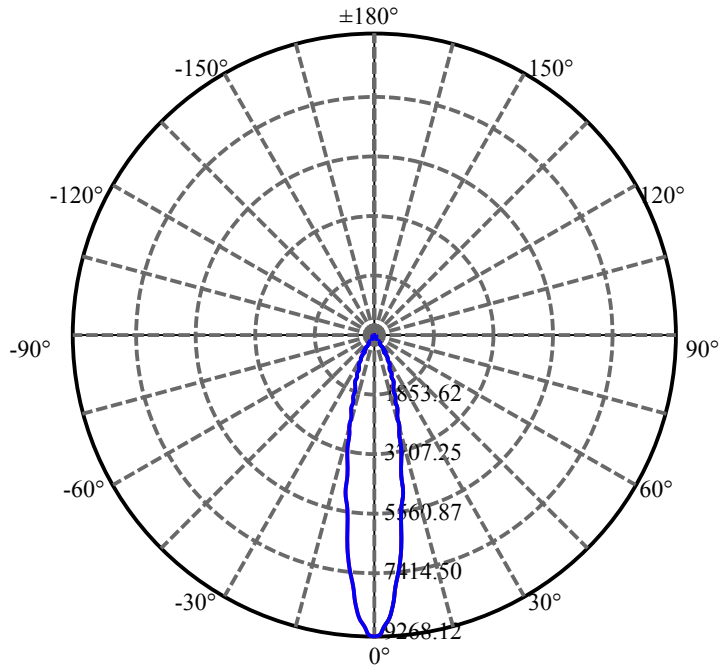
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.919	1.389	2345.516	0.05%	99.30%
77.0	12.568	1.359	2346.874	0.05%	99.35%
78.0	12.282	1.330	2348.205	0.05%	99.41%
79.0	11.997	1.305	2349.509	0.05%	99.46%
80.0	11.661	1.275	2350.785	0.05%	99.52%
81.0	11.368	1.245	2352.03	0.05%	99.57%
82.0	11.105	1.219	2353.249	0.05%	99.62%
83.0	10.819	1.192	2354.441	0.04%	99.67%
84.0	10.556	1.164	2355.605	0.04%	99.72%
85.0	10.315	1.139	2356.744	0.04%	99.77%
86.0	10.110	1.116	2357.86	0.04%	99.82%
87.0	9.898	1.095	2358.955	0.04%	99.86%
88.0	9.773	1.078	2360.033	0.04%	99.91%
89.0	9.678	1.066	2361.099	0.04%	99.96%
90.0	9.583	1.056	2362.155	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2003.46	74.26%	84.81%
0-40	2224.59	82.45%	94.18%
0-60	2315.70	85.83%	98.03%
0-90	2361.10	87.51%	99.96%
0-120	2361.10	87.51%	99.96%
0-180	2362.16	87.55%	100.00%
60-90	45.40	1.68%	1.92%
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%
0-27.38	1889.72	70.04%	80.00%

ZONAL LUMEN SUMMARY

0-10	643.91
10-20	819.32
20-30	540.22
30-40	221.13
40-50	57.83
50-60	33.28
60-70	21.03
70-80	14.06
80-90	10.31
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: —————

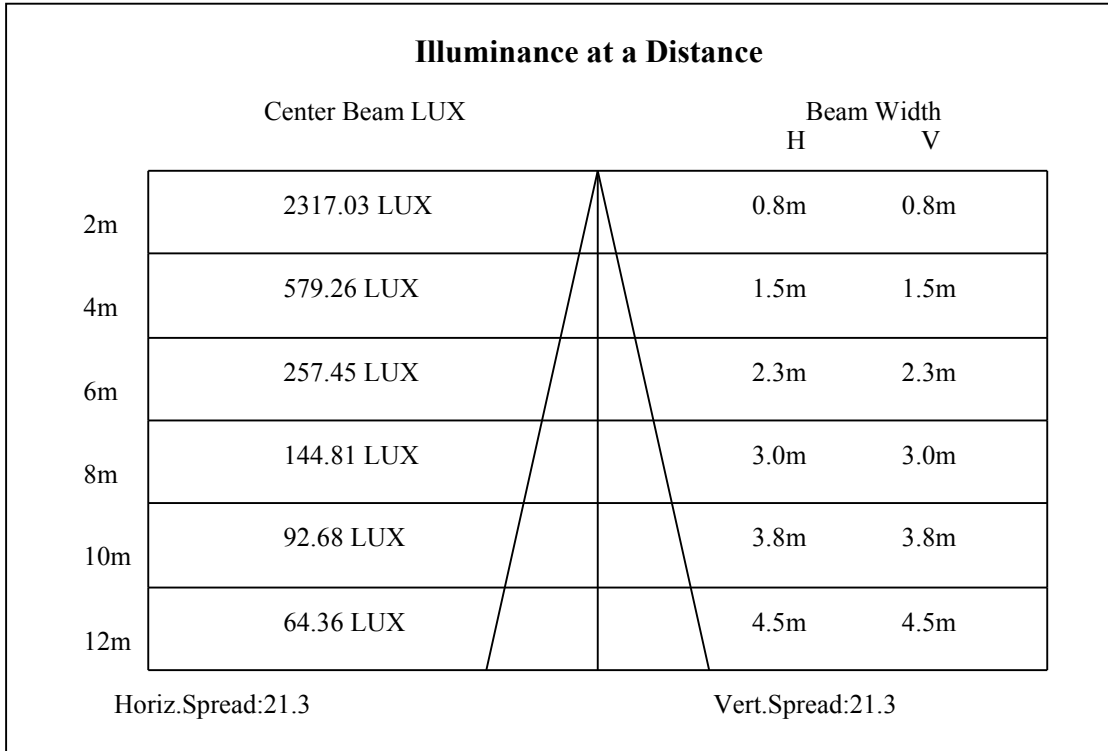
C90/C270: —————

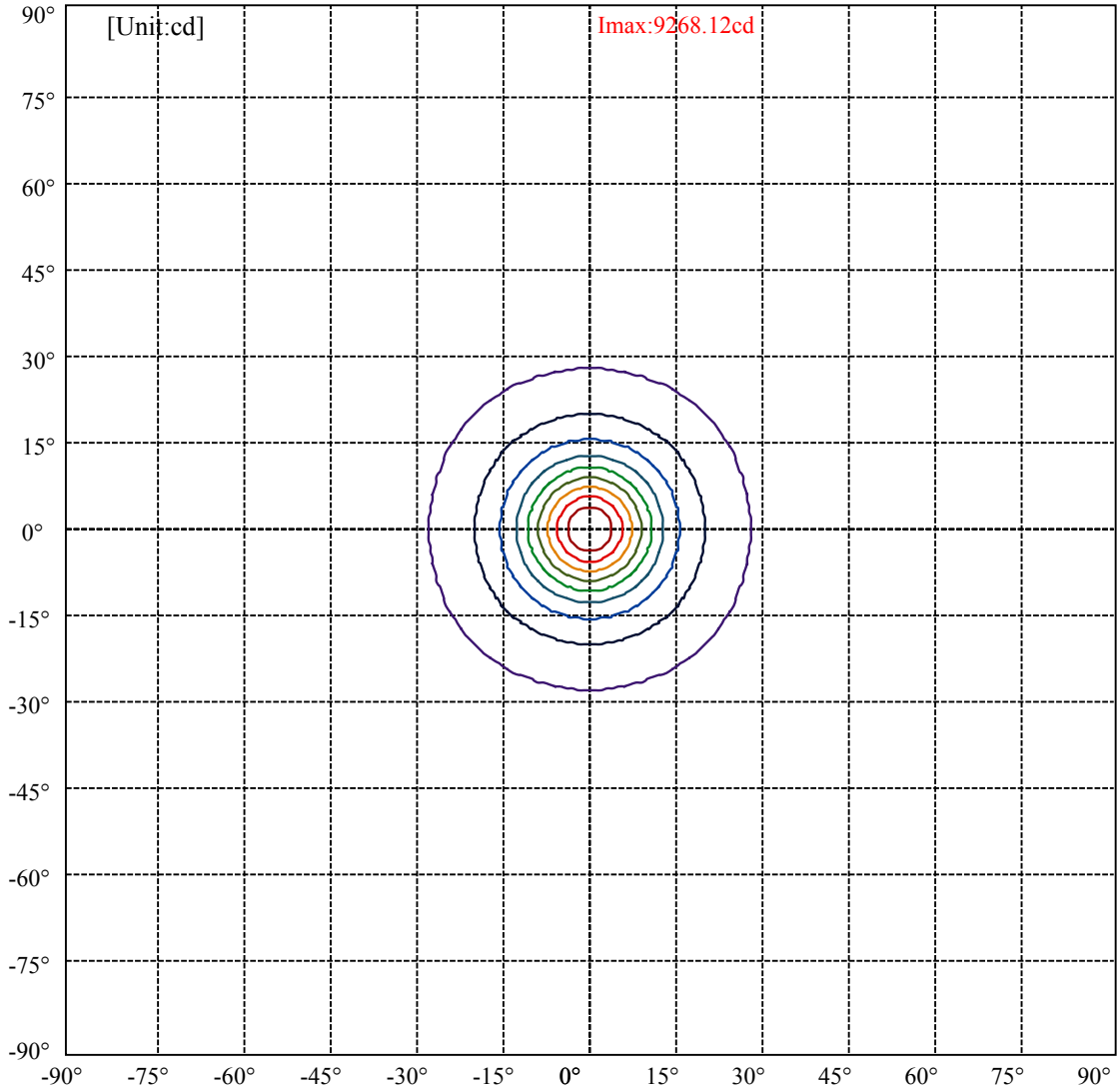
Field angle(10%Imax):C0/180Left:27.6 Right:27.6

:C90/270Left:27.6 Right:27.6

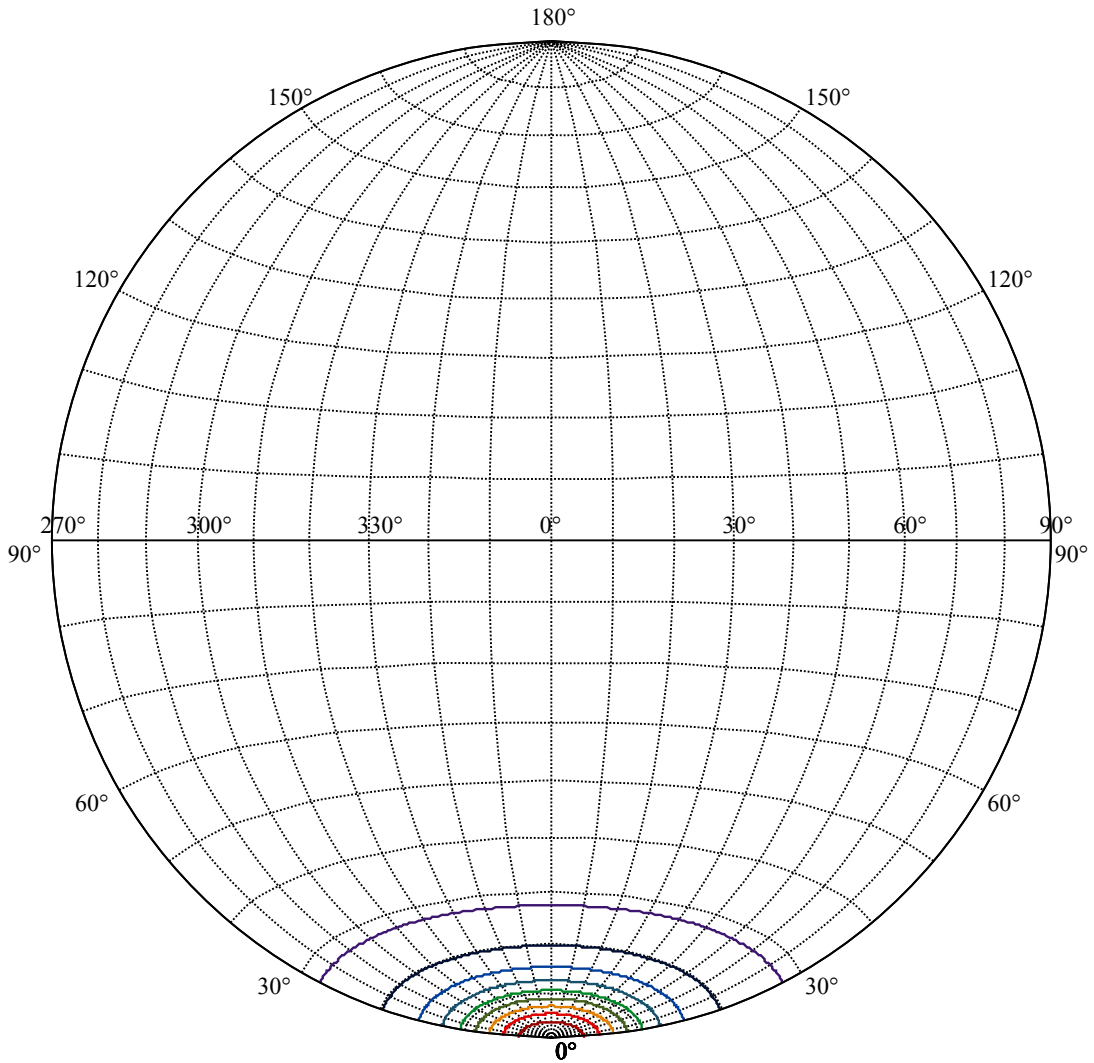
Beam Angle(50%Imax):C0/180Left:10.6 Right:10.6

:C90/270Left:10.6 Right:10.6





(10%Imax) 926.812	—
(20%Imax) 1853.62	—
(30%Imax) 2780.44	—
(40%Imax) 3707.25	—
(50%Imax) 4634.06	—
(60%Imax) 5560.87	—
(70%Imax) 6487.68	—
(80%Imax) 7414.5	—
(90%Imax) 8341.31	—



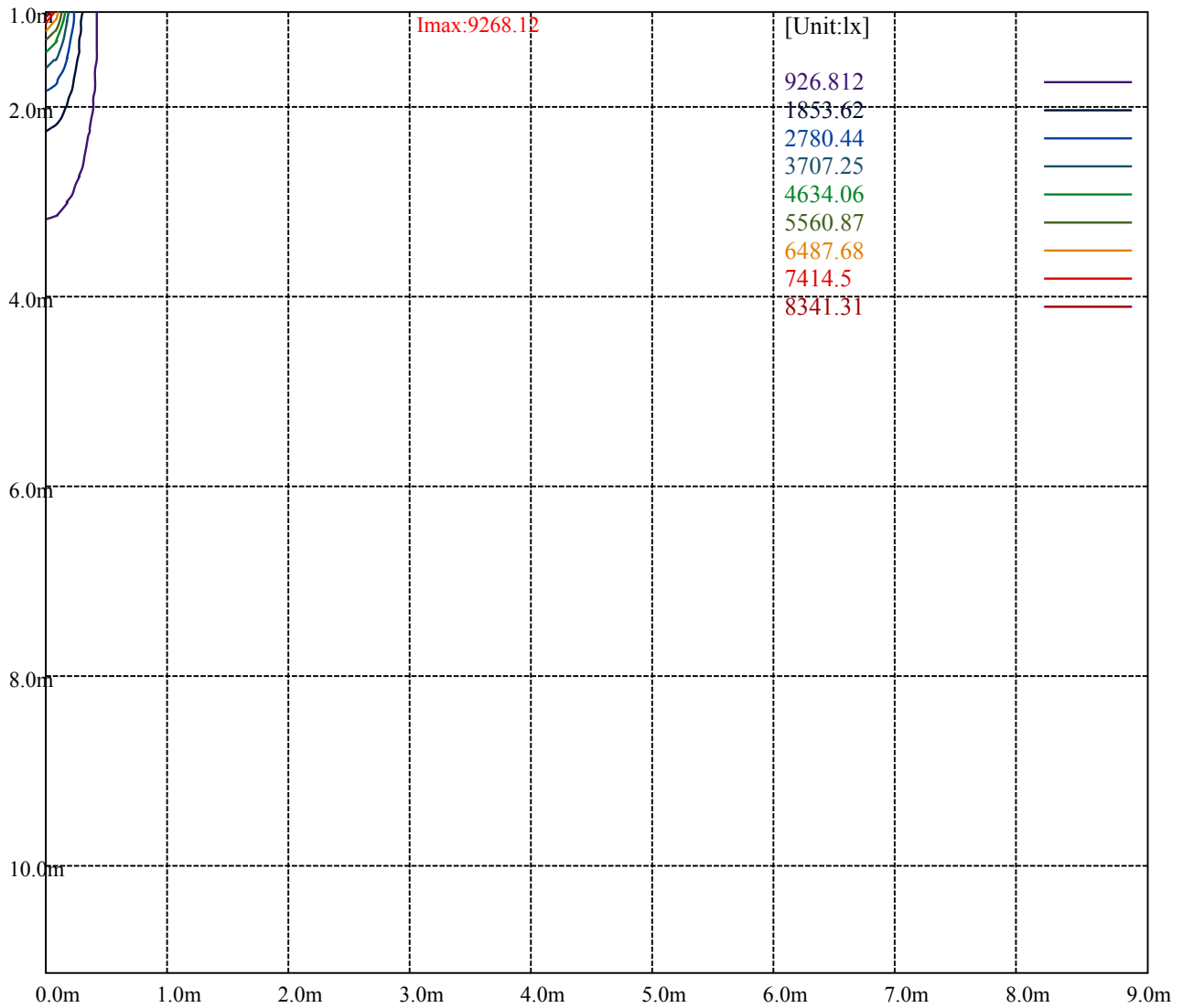
House

[Unit:cd]

Road

Imax:9268.12

(10%Imax)	926.812	—
(20%Imax)	1853.62	—
(30%Imax)	2780.44	—
(40%Imax)	3707.25	—
(50%Imax)	4634.06	—
(60%Imax)	5560.87	—
(70%Imax)	6487.68	—
(80%Imax)	7414.5	—
(90%Imax)	8341.31	—



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

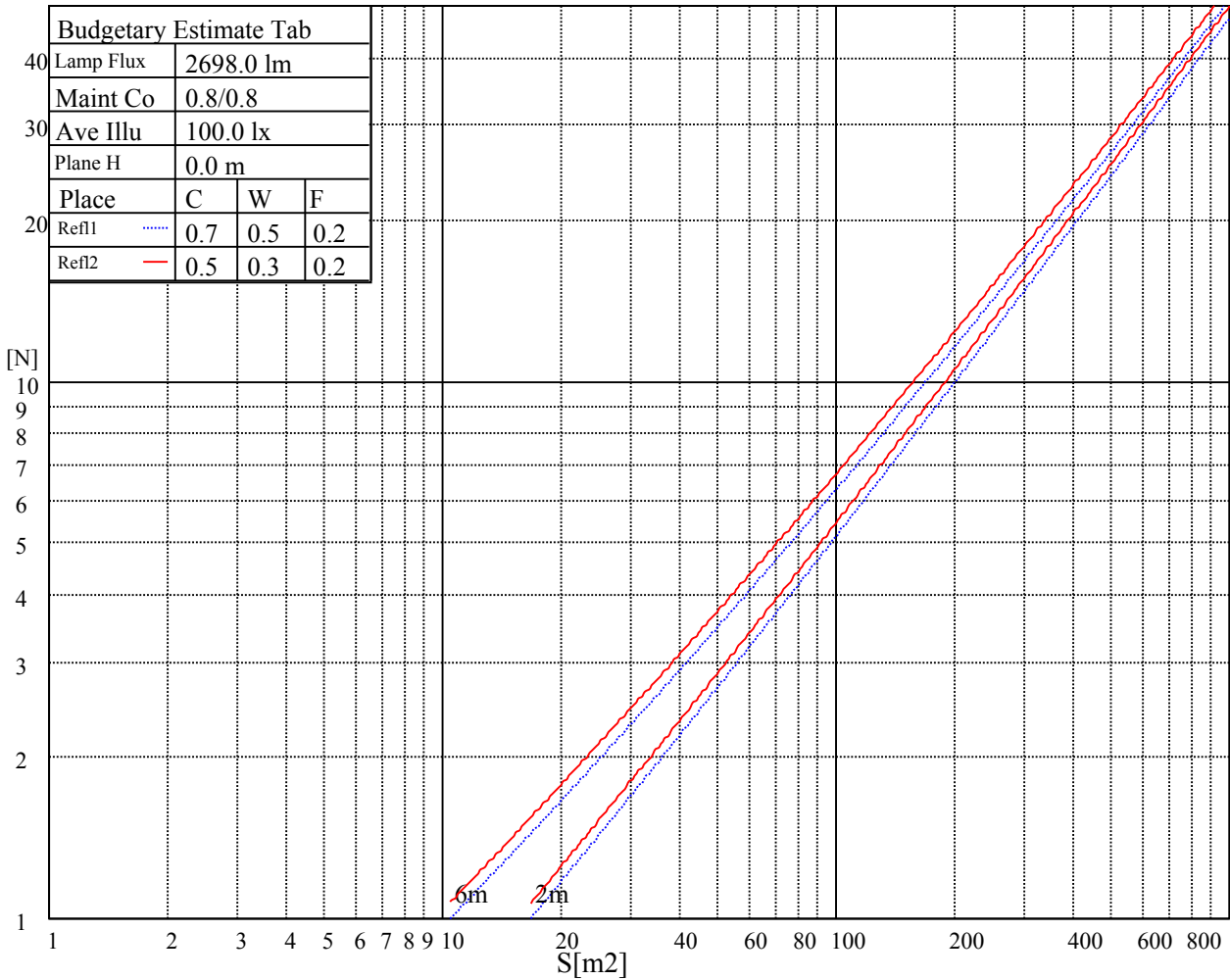
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

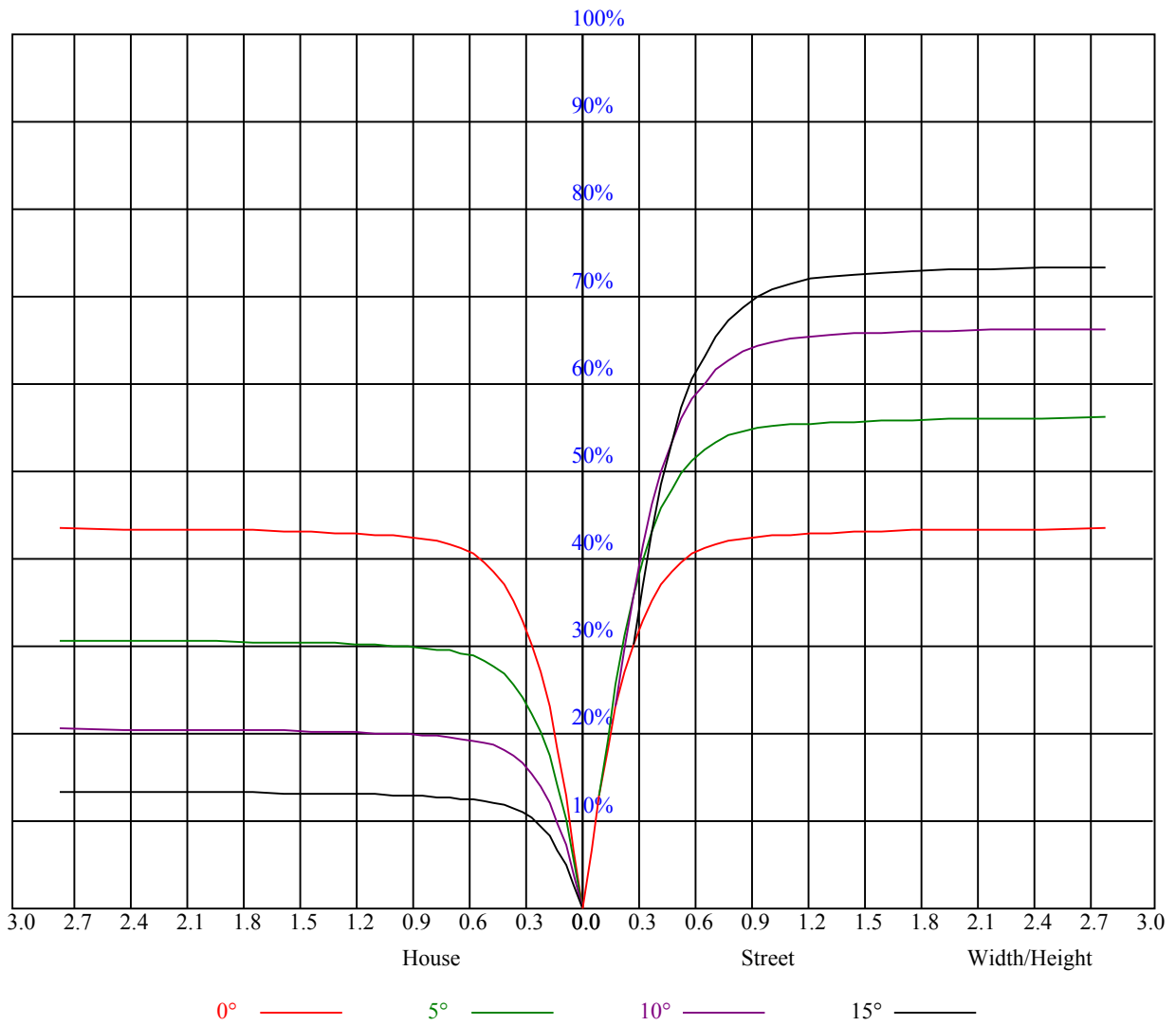


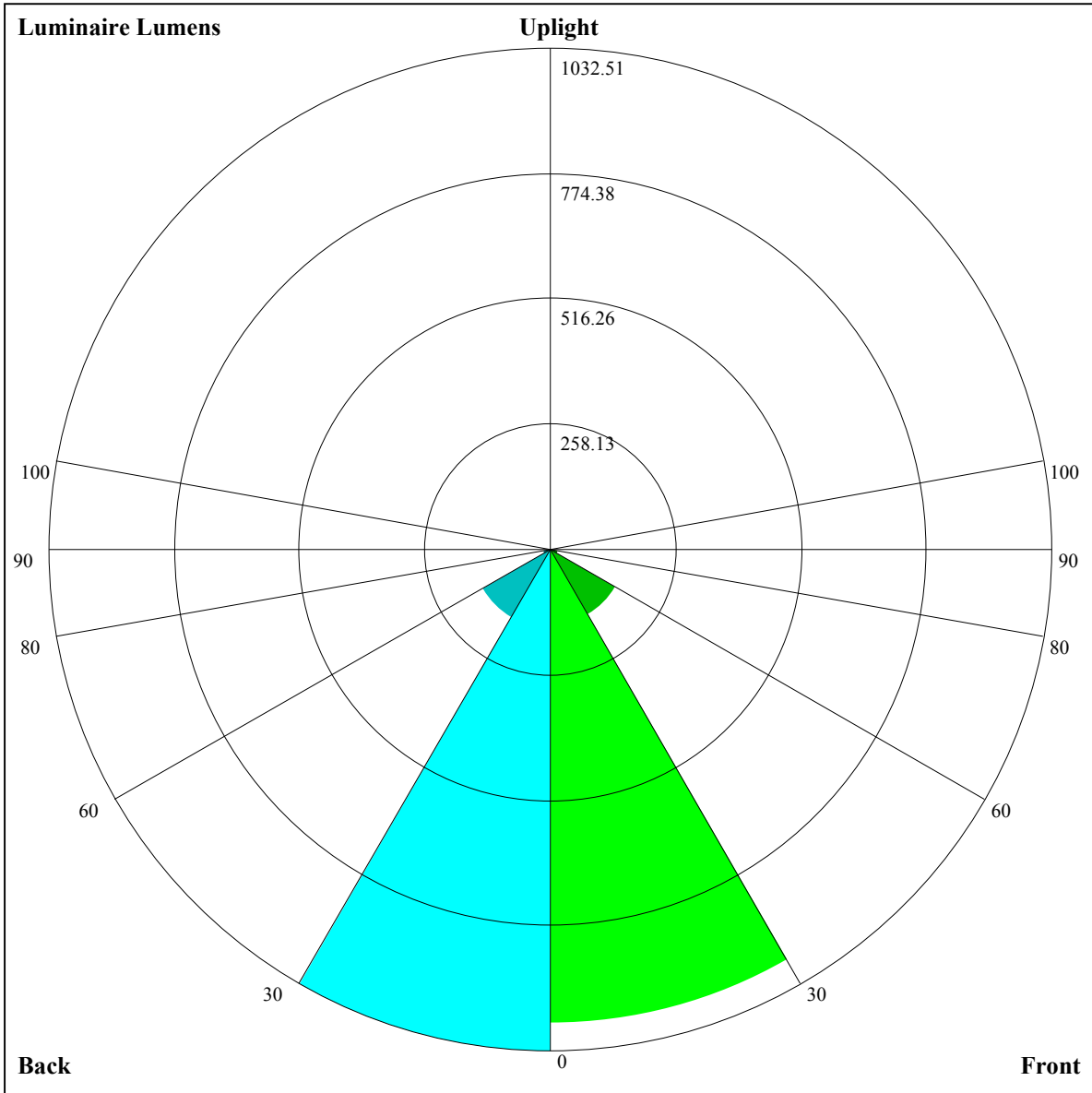
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOF=20 CU															
0	1.04	1.04	1.04	1.02	1.02	1.02	0.97	0.97	0.97	0.93	0.93	0.93	0.89	0.89	0.89	0.88
1	0.98	0.96	0.94	0.96	0.94	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
2	0.92	0.89	0.86	0.91	0.88	0.85	0.88	0.85	0.83	0.85	0.83	0.82	0.83	0.81	0.80	0.79
3	0.87	0.83	0.80	0.86	0.82	0.80	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.75
4	0.83	0.79	0.75	0.82	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.73	0.77	0.74	0.73	0.71
5	0.79	0.75	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
6	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.72	0.69	0.67	0.71	0.69	0.66	0.65
7	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.63
8	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.66	0.64	0.61	0.60
9	0.67	0.63	0.60	0.66	0.62	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.58
10	0.64	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





Luminaire Lumens:

FL=975.91,FM=153.72,FH=17.35,FVH=5.67

BL=1032.51,BM=161.93,BH=17.93,BVH=5.72

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	9148.30	8763.22	8277.48	7704.55	6925.61	6308.78	5598.32	5066.94	4580.03
45.0	9504.11	9253.05	8759.71	8251.15	7650.12	7003.45	6223.93	5653.92	5127.80
90.0	9116.11	8564.24	8014.71	7400.81	6609.59	5998.61	5303.95	4804.17	4358.81
135.0	9303.97	8960.44	8495.18	7776.53	7162.04	6527.66	5915.51	5234.31	4747.40
180.0	9148.30	9489.48	9627.01	9624.08	9495.92	9168.19	8775.51	8283.33	7561.75
225.0	9504.11	9635.20	9601.26	9445.00	9162.34	8670.75	8181.50	7595.69	6787.50
270.0	9116.11	9409.31	9583.12	9614.13	9481.29	9239.01	8877.92	8319.03	7782.38
315.0	9303.97	9518.16	9610.04	9529.86	9325.62	9002.57	8474.12	7971.41	7219.39
360.0	9148.30	8763.22	8277.48	7704.55	6925.61	6308.78	5598.32	5066.94	4580.03
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4043.38	3672.93	3340.52	3032.69	2688.58	2446.30	2236.79	2054.20	1861.07
45.0	4647.92	4122.97	3740.82	3397.87	3008.12	2730.72	2488.44	2230.35	2052.44
90.0	3961.45	3591.00	3177.25	2892.24	2633.57	2400.65	2158.37	1988.07	1804.31
135.0	4213.09	3825.09	3467.52	3064.88	2785.73	2539.94	2322.23	2093.99	1933.06
180.0	6909.22	6266.65	5517.56	4986.76	4388.66	3982.51	3600.95	3253.32	2874.68
225.0	6141.99	5536.87	4853.91	4381.05	3963.20	3500.29	3179.59	2887.56	2624.21
270.0	7155.60	6525.32	5787.93	5227.29	4702.93	4129.99	3725.60	3297.80	2996.41
315.0	6585.60	5989.25	5289.32	4776.66	4314.92	3812.80	3461.66	3146.81	2863.56
360.0	4043.38	3672.93	3340.52	3032.69	2688.58	2446.30	2236.79	2054.20	1861.07
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1728.23	1605.92	1466.63	1363.05	1149.09	1149.09	1060.43	972.53	862.74
45.0	1897.36	1729.40	1604.16	1491.80	1364.22	1266.49	1171.09	1076.87	959.83
90.0	1672.63	1552.08	1413.96	1162.49	1162.49	1093.61	998.51	905.23	813.64
135.0	1790.85	1660.93	1512.28	1404.60	1302.77	1178.70	1080.38	981.48	862.68
180.0	2610.75	2381.34	2176.51	1961.15	1813.09	1679.07	1520.47	1420.98	1310.38
225.0	2342.71	2145.49	1971.68	1781.48	1648.05	1525.15	1394.06	1163.49	1163.49
270.0	2728.96	2485.51	2214.55	2031.96	1875.70	1728.81	1570.22	1466.63	1357.20
315.0	2544.62	2320.48	2120.91	1947.10	1766.27	1640.44	1525.15	1398.16	1149.67
360.0	1728.23	1605.92	1466.63	1363.05	1149.09	1149.09	1060.43	972.53	862.74
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	771.97	679.97	588.68	479.83	402.69	340.19	291.79	243.40	211.15
45.0	867.36	776.65	685.36	574.75	489.89	398.60	340.66	295.60	295.60
90.0	694.66	602.37	514.53	435.52	355.82	306.83	266.22	232.04	195.52
135.0	767.87	675.41	563.04	478.77	407.38	349.44	303.21	303.21	219.99
180.0	1195.09	1103.21	1009.57	903.65	814.69	716.96	599.91	510.96	425.52
225.0	1096.89	1011.15	925.59	836.17	722.28	628.65	537.18	432.31	363.60
270.0	1271.17	1154.71	1070.44	961.58	875.56	781.33	665.46	571.24	486.38
315.0	1149.67	1106.72	1022.33	934.55	822.18	729.78	638.25	547.95	444.30
360.0	771.97	679.97	588.68	479.83	402.69	340.19	291.79	243.40	211.15
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	182.18	157.37	131.27	114.06	96.33	84.10	73.33	62.97	56.47
45.0	211.79	183.23	159.24	137.94	115.00	99.66	85.91	74.79	63.79
90.0	170.30	142.33	122.78	102.65	89.42	77.31	67.59	60.16	53.43
135.0	191.19	160.06	138.29	119.09	98.26	84.74	73.56	62.79	56.24
180.0	360.56	297.94	297.94	249.25	192.54	161.23	140.40	121.43	101.13
225.0	308.82	262.71	214.31	182.65	155.44	132.90	109.32	93.93	81.52
270.0	390.99	331.30	306.13	306.13	203.48	167.26	143.38	122.37	105.69
315.0	375.77	320.18	274.12	225.43	193.01	164.68	134.66	115.64	96.74
360.0	182.18	157.37	131.27	114.06	96.33	84.10	73.33	62.97	56.47

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	51.15	46.88	44.30	41.90	40.73	40.03	38.98	38.22	37.98
45.0	57.29	51.68	46.88	44.30	41.96	40.44	39.80	38.62	38.22
90.0	49.04	46.06	43.83	41.38	40.73	40.15	39.03	38.74	38.33
135.0	49.69	45.82	43.31	41.43	39.97	39.44	38.68	38.22	38.16
180.0	87.37	75.55	63.26	56.18	50.91	46.94	43.07	41.08	39.39
225.0	68.82	60.86	53.43	48.40	44.36	41.79	39.44	38.04	37.63
270.0	88.78	78.07	67.89	61.57	55.89	49.74	46.64	44.24	41.73
315.0	84.74	74.56	66.72	58.93	53.31	48.98	46.17	42.90	41.32
360.0	51.15	46.88	44.30	41.90	40.73	40.03	38.98	38.22	37.98
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	36.99	35.70	34.59	31.95	29.44	26.86	24.70	22.24	20.37
45.0	37.98	37.45	36.05	34.94	33.01	30.49	27.97	25.52	23.12
90.0	37.16	35.93	33.94	31.66	29.20	27.21	24.23	21.83	20.13
135.0	37.81	36.75	35.35	33.53	31.25	28.21	26.10	23.64	20.95
180.0	38.74	38.51	37.63	37.45	37.40	36.64	35.41	34.00	31.89
225.0	37.45	36.58	36.58	36.52	35.76	34.65	33.65	31.08	28.68
270.0	40.79	40.26	39.39	38.86	38.74	38.04	36.81	35.41	33.30
315.0	40.73	39.62	38.74	38.68	38.10	36.93	35.70	33.47	30.90
360.0	36.99	35.70	34.59	31.95	29.44	26.86	24.70	22.24	20.37
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	18.67	17.56	16.80	16.09	15.45	14.98	14.51	14.10	13.75
45.0	20.78	19.31	18.02	16.85	16.21	15.63	14.98	14.51	14.16
90.0	18.79	17.62	16.62	15.98	15.27	14.81	14.34	13.93	13.58
135.0	19.43	18.20	17.26	16.27	15.68	15.16	14.69	14.16	13.81
180.0	29.38	26.98	24.58	21.95	19.84	18.49	17.38	16.62	15.80
225.0	26.80	23.88	21.42	19.72	18.02	17.03	16.27	15.74	15.10
270.0	30.72	27.86	25.57	22.30	20.37	18.96	17.79	16.74	16.09
315.0	28.32	25.75	23.17	20.83	19.31	17.85	16.91	16.27	15.63
360.0	18.67	17.56	16.80	16.09	15.45	14.98	14.51	14.10	13.75
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.46	13.11	12.87	12.64	12.23	11.94	11.59	11.29	10.94
45.0	13.81	13.40	13.11	12.87	12.58	12.23	11.94	11.59	11.24
90.0	13.28	12.99	12.76	12.47	12.17	11.76	11.47	11.18	10.89
135.0	13.52	13.11	12.93	12.58	12.29	11.94	11.65	11.35	11.00
180.0	15.27	14.75	14.34	13.93	13.58	13.17	12.93	12.64	12.29
225.0	14.63	14.28	13.87	13.52	13.17	12.93	12.64	12.35	12.00
270.0	15.51	15.04	14.51	14.16	13.81	13.40	13.11	12.87	12.52
315.0	15.04	14.63	14.22	13.81	13.52	13.17	12.93	12.70	12.41
360.0	13.46	13.11	12.87	12.64	12.23	11.94	11.59	11.29	10.94
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.71	10.48	10.24	10.01	9.83	9.71	9.54	9.48	9.48
45.0	10.89	10.65	10.42	10.18	10.01	9.83	9.66	9.54	9.54
90.0	10.59	10.36	10.12	9.95	9.77	9.60	9.48	9.48	9.48
135.0	10.71	10.48	10.24	10.01	9.77	9.66	9.42	9.42	9.42
180.0	12.00	11.76	11.35	11.12	10.77	10.53	10.30	10.07	9.89
225.0	11.76	11.47	11.18	10.83	10.59	10.36	10.12	9.95	9.77
270.0	12.23	11.94	11.59	11.24	10.94	10.65	10.36	10.18	9.95
315.0	12.06	11.70	11.41	11.12	10.83	10.53	10.30	10.07	9.89
360.0	10.71	10.48	10.24	10.01	9.83	9.71	9.54	9.48	9.48

Intensity data(cd)

<i>C/γ(°)</i>	90.0
0.0	9.48
45.0	9.48
90.0	9.48
135.0	9.42
180.0	9.71
225.0	9.66
270.0	9.71
315.0	9.71
360.0	9.48