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NT

Client:

LumCAT: 1-1302-L

Luminaire: 92.70.410.00

Report No: 2024803-B013

Ballast type: AC

Test No: 2024803-C013

Voltage(V): 34.450

LampCAT: Fortimo_SLM_C_1204

Current(A): 0.288

Lamp flux(lm): 1684.0

Power (W): 9.921

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1586.24, Efficiency(%): 94.19% , Luminous Efficacy(lm/W): 159.89

Central intensity(cd): 2994.070, Maximum intensity(cd): 2994.070

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=42.8

[C90/270]Total=42.8

Field angle(10%Imax): [C0/180]Total=66.0

[C90/270]Total=66.0

Maximum s/h(1/2): C0_180=0.71 C90_270=0.71

Maximum s/h(1/4): C0_180=0.67 C90_270=0.67

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 94.19%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.085%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/3
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	2994.070	0.000	0	0.00%	0.00%
1.0	2978.927	2.858	2.858	0.17%	0.18%
2.0	2955.737	8.518	11.376	0.51%	0.72%
3.0	2941.180	14.103	25.479	0.84%	1.61%
4.0	2929.329	19.650	45.13	1.17%	2.85%
5.0	2905.408	25.101	70.231	1.49%	4.43%
6.0	2866.125	30.331	100.562	1.80%	6.34%
7.0	2824.793	35.323	135.885	2.10%	8.57%
8.0	2783.681	40.139	176.024	2.38%	11.10%
9.0	2746.593	44.820	220.844	2.66%	13.92%
10.0	2692.167	49.219	270.062	2.92%	17.03%
11.0	2634.888	53.228	323.291	3.16%	20.38%
12.0	2563.125	56.822	380.112	3.37%	23.96%
13.0	2488.069	59.945	440.057	3.56%	27.74%
14.0	2403.285	62.609	502.666	3.72%	31.69%
15.0	2313.746	64.758	567.424	3.85%	35.77%
16.0	2211.039	66.301	633.724	3.94%	39.95%
17.0	2099.407	67.125	700.85	3.99%	44.18%
18.0	1973.803	67.158	768.008	3.99%	48.42%
19.0	1843.444	66.412	834.42	3.94%	52.60%
20.0	1709.793	65.034	899.455	3.86%	56.70%
21.0	1583.604	63.240	962.694	3.76%	60.69%
22.0	1364.664	59.247	1021.941	3.52%	64.43%
23.0	1266.354	55.206	1077.147	3.28%	67.91%
24.0	1178.336	53.450	1130.597	3.17%	71.28%
25.0	1066.792	51.049	1181.646	3.03%	74.49%
26.0	949.930	47.605	1229.251	2.83%	77.49%
27.0	838.488	43.754	1273.005	2.60%	80.25%
28.0	724.435	39.570	1312.575	2.35%	82.75%
29.0	630.434	35.447	1348.022	2.10%	84.98%
30.0	536.461	31.506	1379.528	1.87%	86.97%
31.0	450.945	27.478	1407.006	1.63%	88.70%
32.0	371.859	23.572	1430.579	1.40%	90.19%
33.0	301.310	19.832	1450.41	1.18%	91.44%
34.0	256.263	16.874	1467.284	1.00%	92.50%
35.0	231.281	15.141	1482.425	0.90%	93.46%
36.0	144.477	11.964	1494.39	0.71%	94.21%
37.0	108.727	8.258	1502.648	0.49%	94.73%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	84.185	6.439	1509.087	0.38%	95.14%
39.0	65.670	5.115	1514.202	0.30%	95.46%
40.0	52.202	4.111	1518.313	0.24%	95.72%
41.0	42.692	3.379	1521.692	0.20%	95.93%
42.0	36.723	2.885	1524.577	0.17%	96.11%
43.0	32.341	2.558	1527.136	0.15%	96.27%
44.0	29.152	2.321	1529.456	0.14%	96.42%
45.0	26.664	2.145	1531.602	0.13%	96.56%
46.0	24.726	2.010	1533.611	0.12%	96.68%
47.0	23.146	1.904	1535.515	0.11%	96.80%
48.0	21.909	1.821	1537.337	0.11%	96.92%
49.0	20.827	1.755	1539.092	0.10%	97.03%
50.0	19.890	1.698	1540.789	0.10%	97.13%
51.0	19.115	1.650	1542.439	0.10%	97.24%
52.0	18.383	1.609	1544.049	0.10%	97.34%
53.0	17.813	1.575	1545.623	0.09%	97.44%
54.0	17.235	1.545	1547.168	0.09%	97.54%
55.0	16.737	1.516	1548.684	0.09%	97.63%
56.0	16.218	1.489	1550.173	0.09%	97.73%
57.0	15.750	1.462	1551.635	0.09%	97.82%
58.0	15.318	1.437	1553.072	0.09%	97.91%
59.0	14.857	1.411	1554.483	0.08%	98.00%
60.0	14.382	1.381	1555.864	0.08%	98.09%
61.0	13.936	1.351	1557.215	0.08%	98.17%
62.0	13.504	1.322	1558.538	0.08%	98.25%
63.0	13.080	1.293	1559.83	0.08%	98.34%
64.0	12.604	1.260	1561.091	0.07%	98.41%
65.0	12.202	1.228	1562.318	0.07%	98.49%
66.0	11.741	1.195	1563.513	0.07%	98.57%
67.0	11.317	1.159	1564.672	0.07%	98.64%
68.0	10.871	1.124	1565.796	0.07%	98.71%
69.0	10.541	1.092	1566.889	0.06%	98.78%
70.0	10.271	1.069	1567.958	0.06%	98.85%
71.0	10.081	1.052	1569.009	0.06%	98.91%
72.0	9.883	1.038	1570.047	0.06%	98.98%
73.0	9.693	1.024	1571.071	0.06%	99.04%
74.0	9.488	1.008	1572.079	0.06%	99.11%
75.0	9.327	0.994	1573.074	0.06%	99.17%

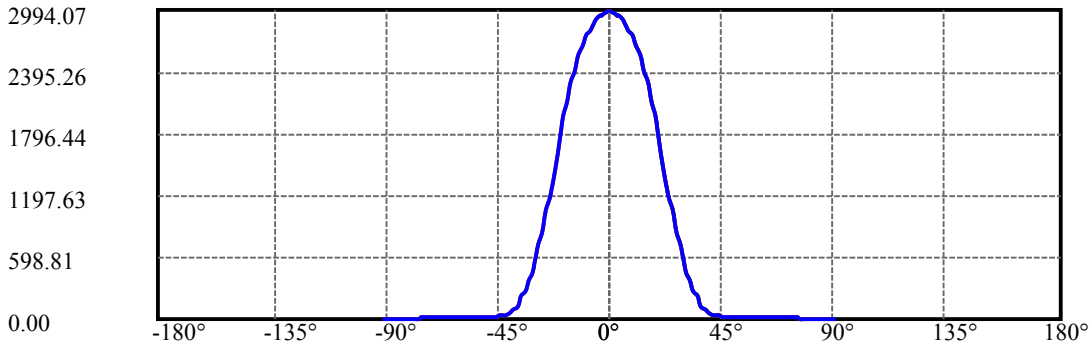
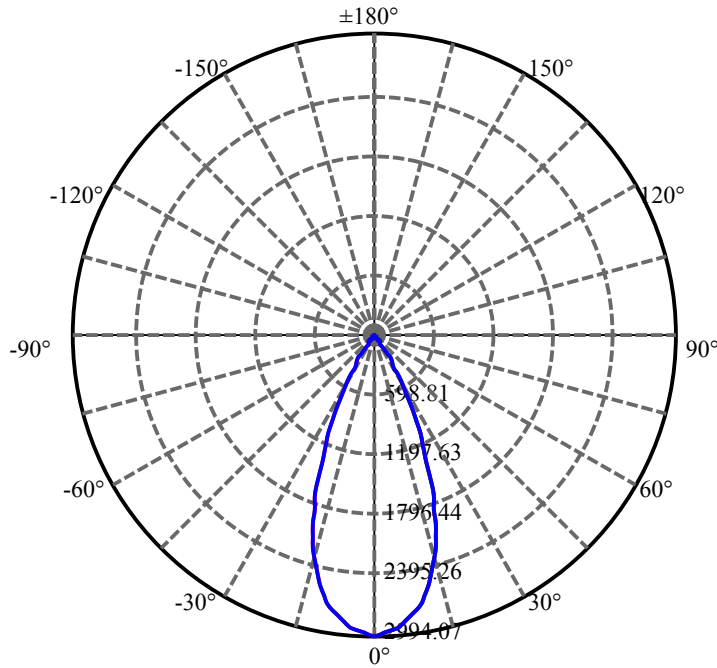
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.159	0.981	1574.055	0.06%	99.23%
77.0	8.991	0.968	1575.023	0.06%	99.29%
78.0	8.837	0.954	1575.977	0.06%	99.35%
79.0	8.639	0.939	1576.916	0.06%	99.41%
80.0	8.464	0.922	1577.838	0.05%	99.47%
81.0	8.318	0.908	1578.745	0.05%	99.53%
82.0	8.157	0.893	1579.639	0.05%	99.58%
83.0	7.996	0.878	1580.517	0.05%	99.64%
84.0	7.835	0.862	1581.379	0.05%	99.69%
85.0	7.681	0.847	1582.226	0.05%	99.75%
86.0	7.549	0.833	1583.059	0.05%	99.80%
87.0	7.388	0.818	1583.876	0.05%	99.85%
88.0	7.249	0.802	1584.678	0.05%	99.90%
89.0	7.118	0.787	1585.465	0.05%	99.95%
90.0	7.015	0.775	1586.24	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1379.53	81.92%	86.97%
0-40	1518.31	90.16%	95.72%
0-60	1555.86	92.39%	98.09%
0-90	1585.47	94.15%	99.95%
0-120	1585.47	94.15%	99.95%
0-180	1586.24	94.19%	100.00%
60-90	29.60	1.76%	1.87%
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%
0-26.91	1268.99	75.36%	80.00%

ZONAL LUMEN SUMMARY

0-10	270.06
10-20	629.39
20-30	480.07
30-40	138.78
40-50	22.48
50-60	15.07
60-70	12.09
70-80	9.88
80-90	7.63
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: —————

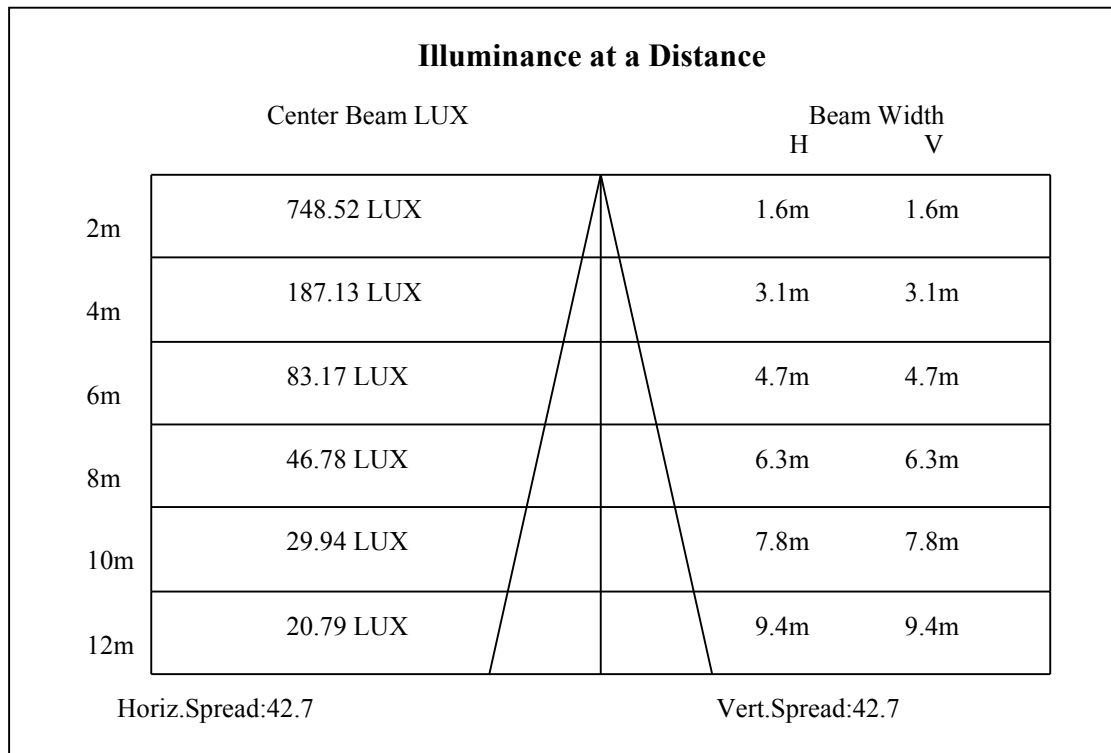
C90/C270: —————

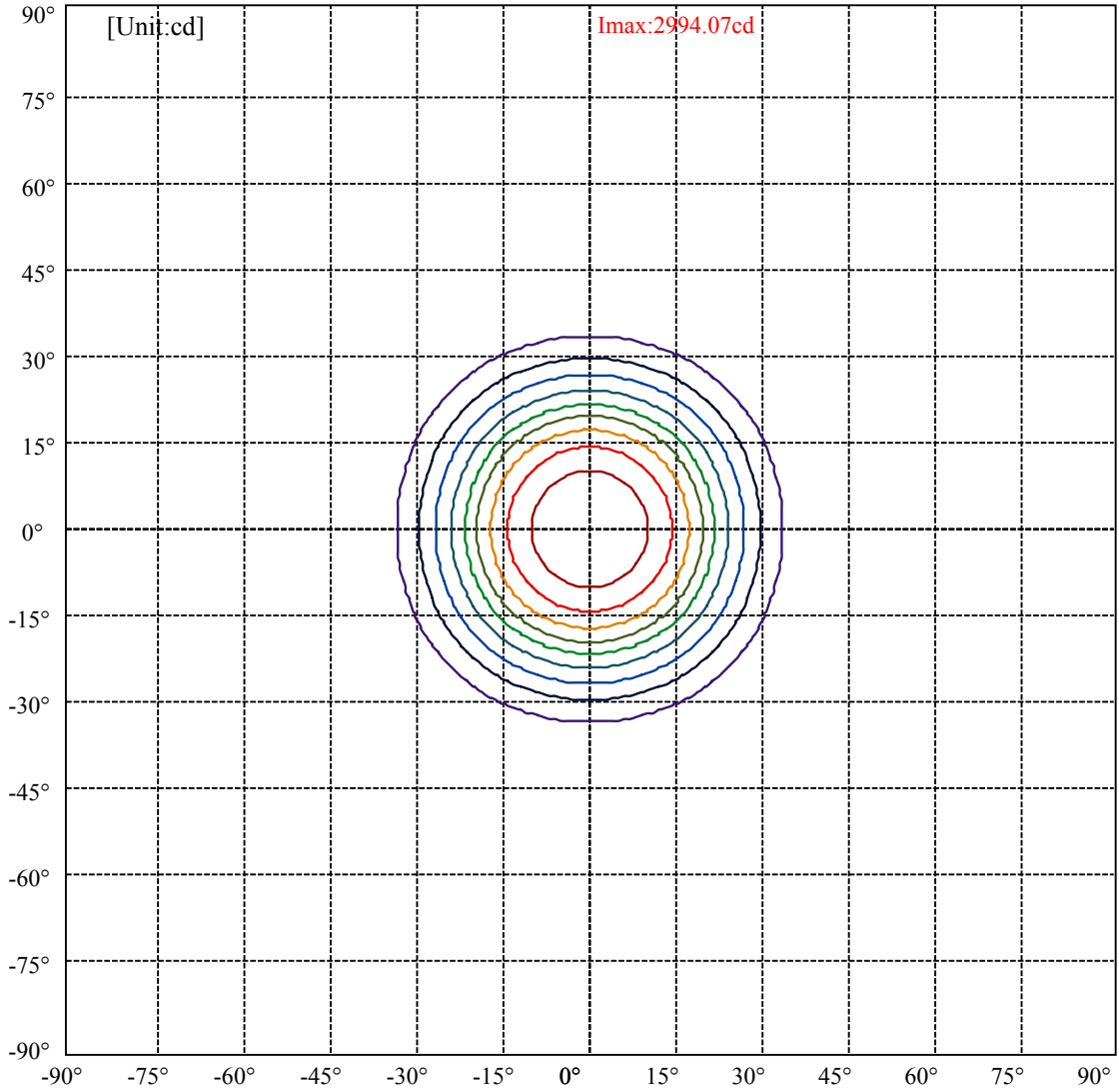
Field angle(10%Imax):C0/180Left:33.0 Right:33.0

:C90/270Left:33.0 Right:33.0

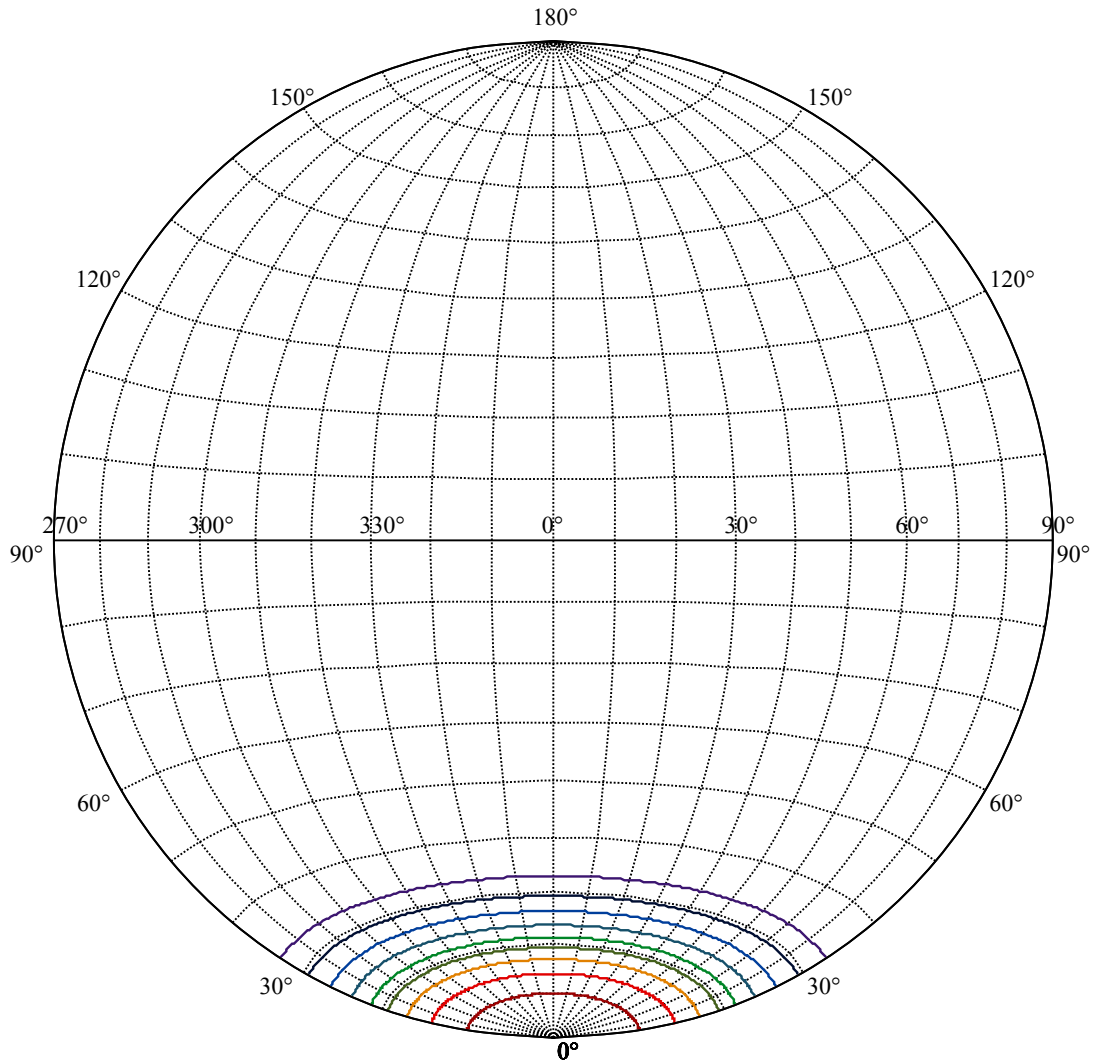
Beam Angle(50%Imax):C0/180Left:21.4 Right:21.4

:C90/270Left:21.4 Right:21.4





(10%Imax) 299.407	—
(20%Imax) 598.814	—
(30%Imax) 898.221	—
(40%Imax) 1197.63	—
(50%Imax) 1497.03	—
(60%Imax) 1796.44	—
(70%Imax) 2095.85	—
(80%Imax) 2395.26	—
(90%Imax) 2694.66	—



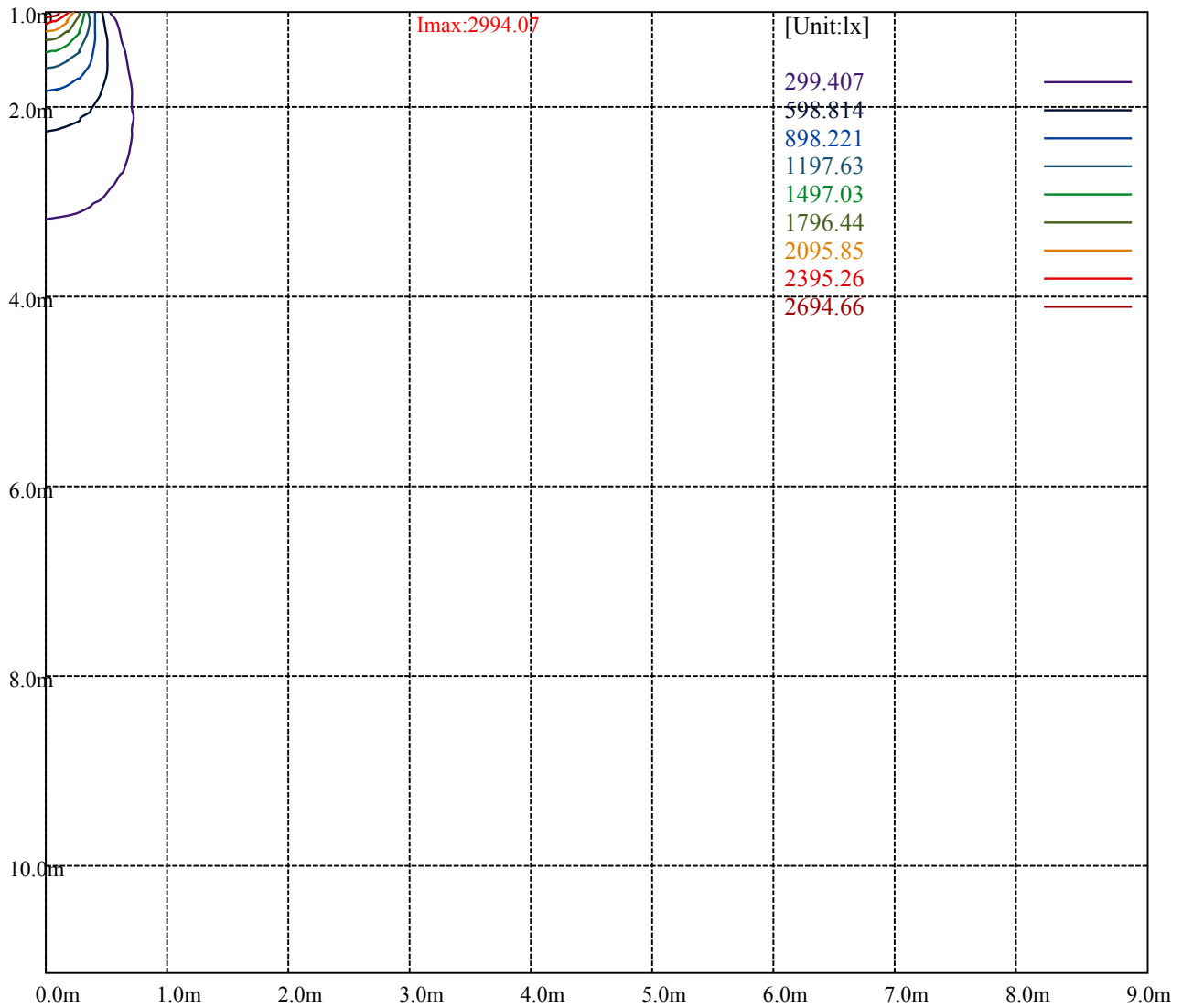
House

[Unit:cd]

Road

Imax:2994.07

(10%Imax) 299.407	—
(20%Imax) 598.814	—
(30%Imax) 898.221	—
(40%Imax) 1197.63	—
(50%Imax) 1497.03	—
(60%Imax) 1796.44	—
(70%Imax) 2095.85	—
(80%Imax) 2395.26	—
(90%Imax) 2694.66	—



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

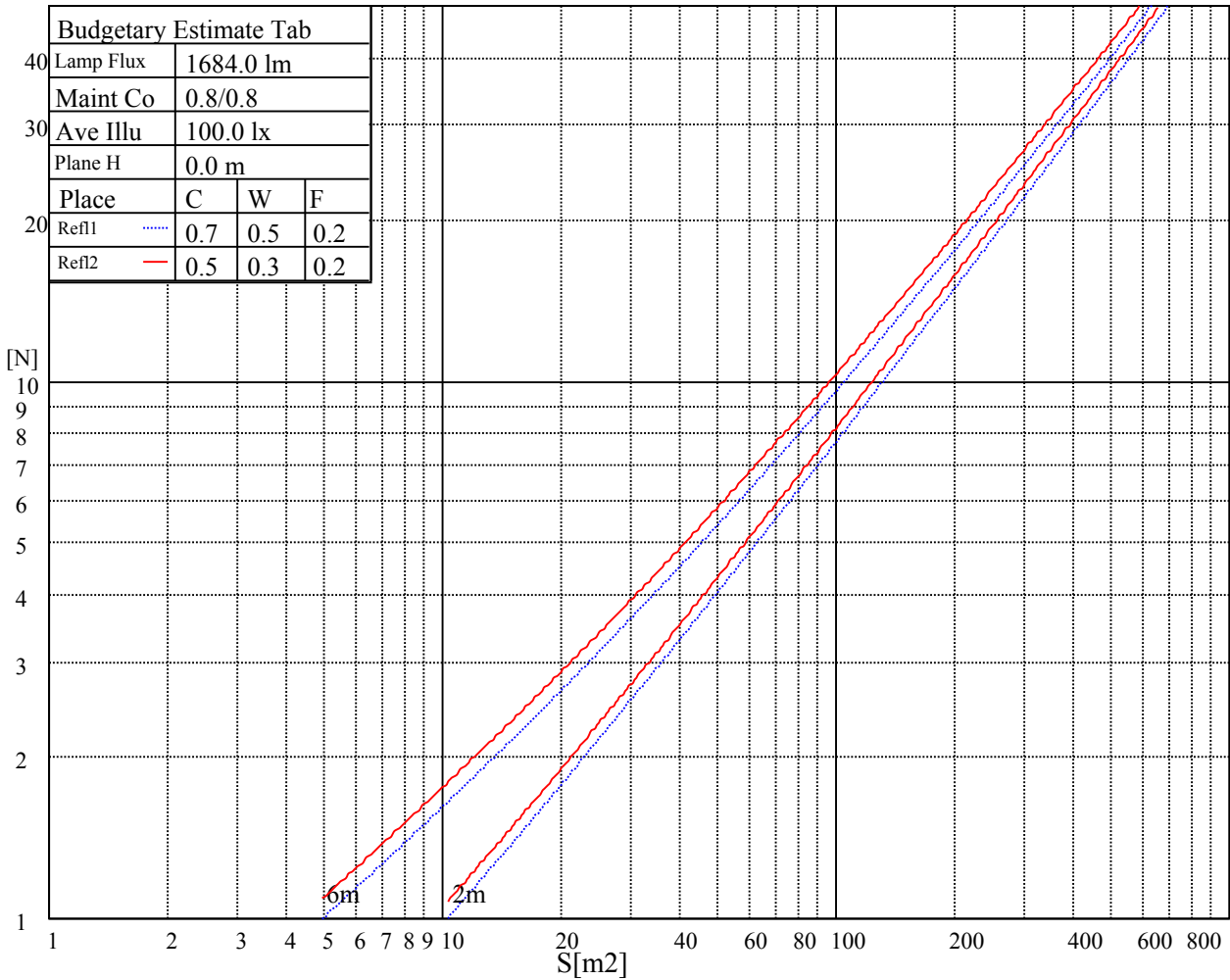
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

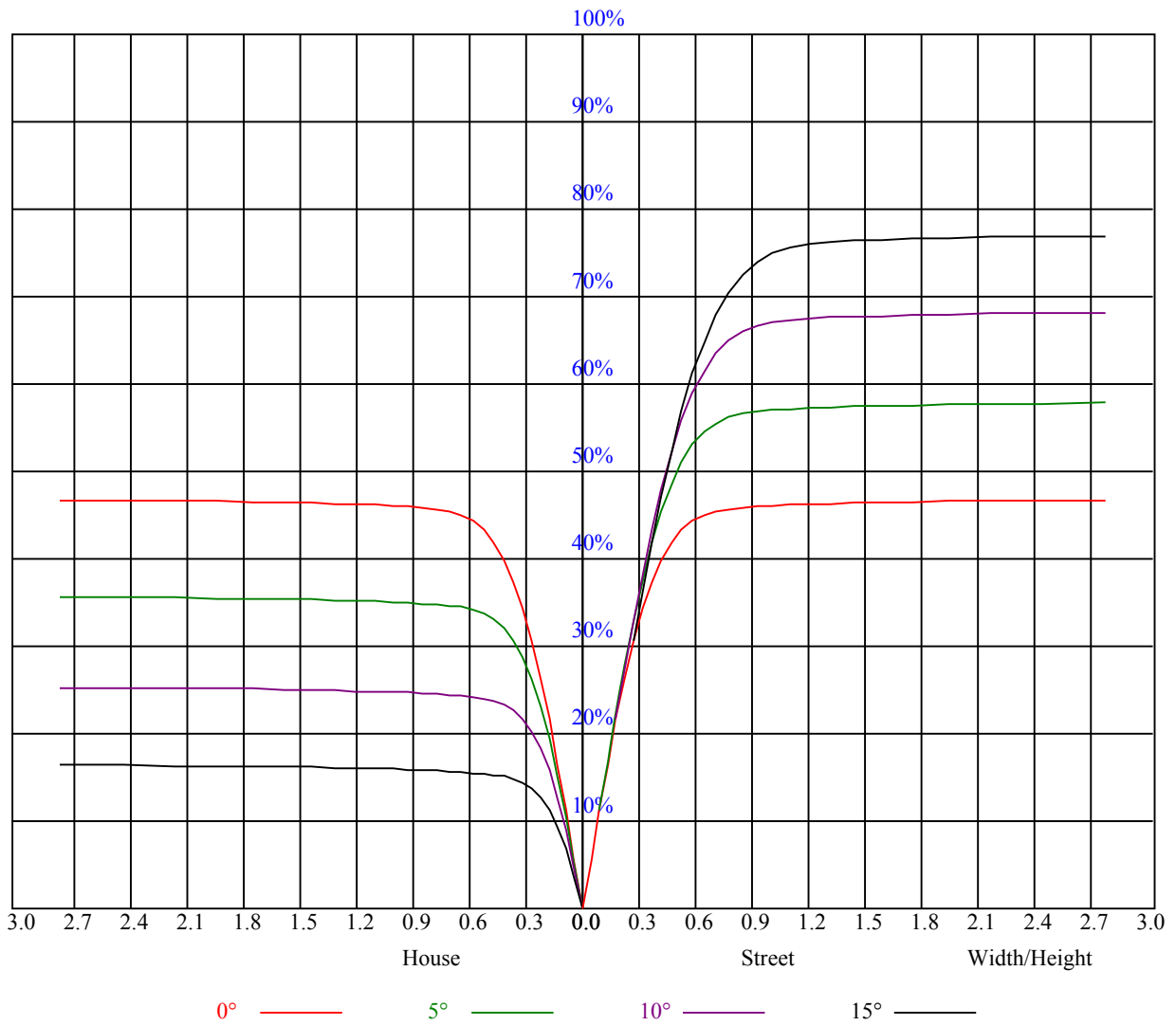


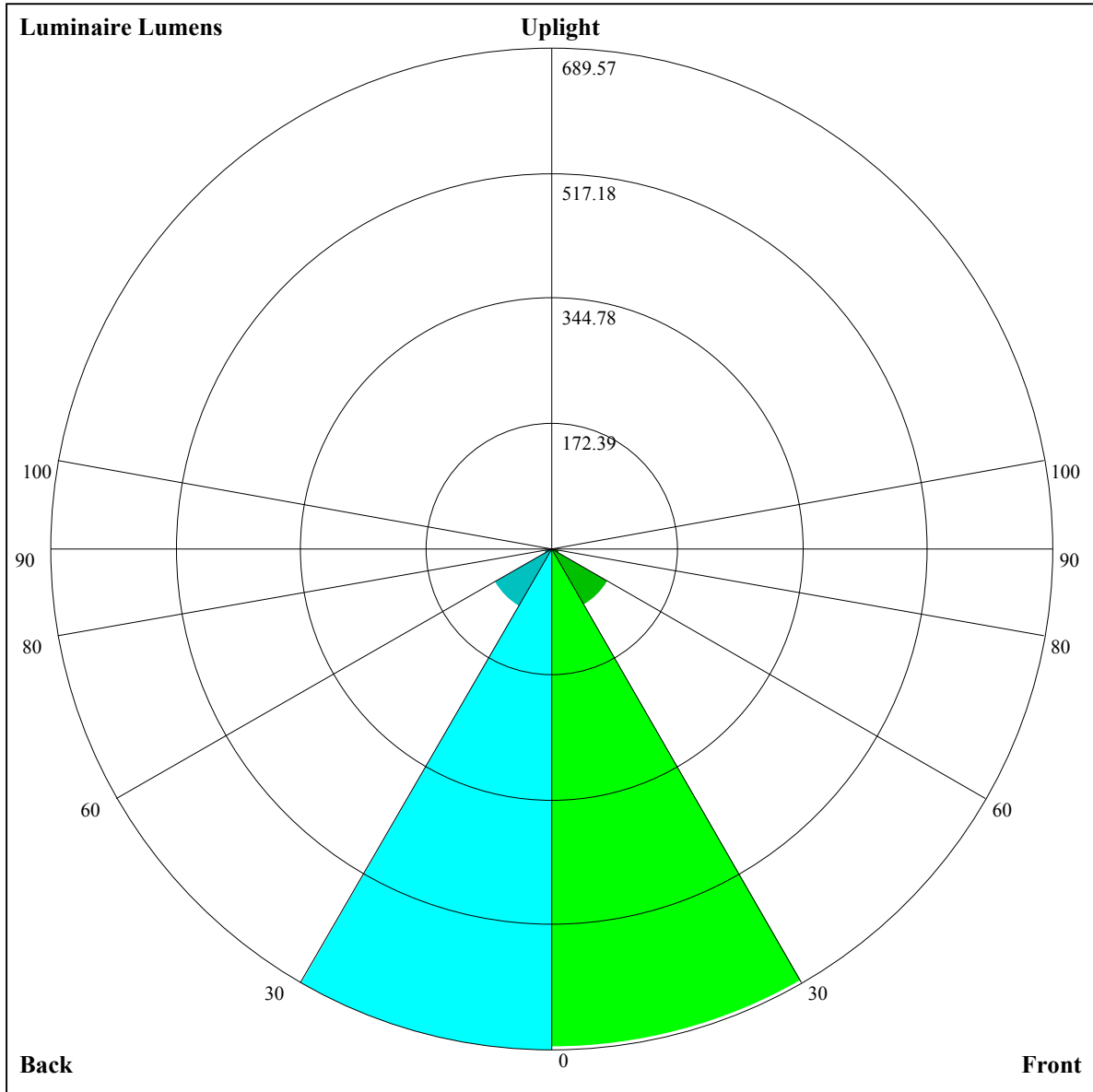
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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 RHOFC=20 CU															
0	1.12	1.12	1.12	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.05	1.03	1.01	1.03	1.01	0.99	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
2	0.98	0.95	0.92	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.88	0.87	0.85	0.84
3	0.93	0.89	0.85	0.92	0.88	0.85	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.81	0.79
4	0.88	0.83	0.80	0.87	0.83	0.79	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.79	0.77	0.75
5	0.83	0.79	0.75	0.83	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.72
6	0.79	0.74	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.68
7	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.65
8	0.72	0.67	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
9	0.69	0.64	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.59
10	0.66	0.61	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.57





Luminaire Lumens:

FL=685.11,FM=88.08,FH=10.89,FVH=4.18

BL=689.57,BM=92.59,BH=11.07,BVH=4.21

UL=0,UH=0

BUG Rating:B2-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	2994.65	2971.25	2947.25	2940.81	2933.79	2909.21	2861.22	2821.43	2783.39
45.0	2988.80	2984.71	2951.93	2917.99	2909.21	2899.85	2863.56	2813.82	2772.85
90.0	2984.12	2944.91	2920.92	2895.17	2874.10	2834.89	2791.00	2762.32	2707.89
135.0	3011.63	2989.97	2954.27	2947.84	2930.87	2902.77	2872.93	2830.21	2794.51
180.0	2994.65	2981.78	2956.03	2953.69	2958.96	2927.35	2884.63	2843.08	2798.60
225.0	2982.95	2961.88	2956.03	2960.13	2950.18	2912.14	2869.42	2834.89	2792.75
270.0	2984.12	3001.09	2992.90	2970.08	2950.76	2946.67	2931.45	2885.22	2845.42
315.0	3011.63	2995.83	2966.56	2943.74	2926.77	2910.38	2854.79	2807.38	2774.03
360.0	2994.65	2971.25	2947.25	2940.81	2933.79	2909.21	2861.22	2821.43	2783.39
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2745.35	2689.17	2624.79	2535.25	2458.00	2377.24	2265.46	2167.73	2061.81
45.0	2734.81	2689.17	2635.91	2579.15	2518.28	2435.18	2360.86	2277.17	2158.37
90.0	2669.27	2597.87	2541.69	2476.73	2416.45	2317.55	2240.30	2147.25	2044.83
135.0	2763.49	2728.96	2667.51	2606.07	2537.01	2468.54	2392.46	2281.27	2184.12
180.0	2767.59	2731.30	2678.63	2597.87	2521.79	2441.03	2357.93	2236.79	2135.54
225.0	2754.71	2690.92	2630.06	2558.66	2472.05	2363.78	2273.07	2171.24	2024.35
270.0	2809.72	2748.86	2702.63	2627.13	2556.91	2482.00	2394.80	2281.85	2178.85
315.0	2727.79	2661.08	2597.87	2524.13	2424.06	2340.96	2225.08	2125.01	2007.38
360.0	2745.35	2689.17	2624.79	2535.25	2458.00	2377.24	2265.46	2167.73	2061.81
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1919.01	1796.70	1674.97	1563.19	1413.96	1144.23	1144.23	1061.07	924.30
45.0	2057.12	1948.86	1806.65	1682.58	1560.27	1442.64	1296.33	1177.53	1065.17
90.0	1900.28	1776.22	1650.39	1520.47	1141.36	1141.36	1111.52	969.54	861.39
135.0	2078.19	1925.45	1801.38	1635.18	1504.09	1376.51	1214.99	1099.11	984.99
180.0	2019.67	1854.64	1734.67	1619.96	1460.19	1339.64	1193.33	1088.58	979.73
225.0	1897.36	1777.39	1616.45	1487.12	1141.77	1141.77	1113.27	1006.53	902.24
270.0	2064.15	1940.08	1786.17	1672.63	1531.01	1380.02	1244.25	1129.54	981.48
315.0	1854.64	1728.23	1607.67	1487.70	1164.66	1164.66	1108.77	1002.43	900.13
360.0	1919.01	1796.70	1674.97	1563.19	1413.96	1144.23	1144.23	1061.07	924.30
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	817.97	719.01	627.13	517.22	435.29	340.84	276.93	221.22	163.45
45.0	953.98	818.20	716.37	621.57	508.03	425.52	351.19	303.21	303.21
90.0	755.47	635.14	548.30	445.06	373.20	307.30	250.71	188.62	147.65
135.0	876.73	748.56	656.10	570.65	489.31	399.77	335.39	306.13	306.13
180.0	884.33	754.41	665.46	578.85	495.16	417.32	332.47	300.28	300.28
225.0	778.06	682.61	591.90	506.80	410.94	339.72	280.50	214.54	168.54
270.0	874.97	767.87	653.17	561.29	479.94	405.62	322.52	307.30	307.30
315.0	766.41	669.67	585.05	490.24	415.69	338.79	260.78	208.81	153.68
360.0	817.97	719.01	627.13	517.22	435.29	340.84	276.93	221.22	163.45
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	127.64	99.72	77.60	57.94	47.70	40.32	35.17	30.84	28.38
45.0	169.60	124.65	96.45	74.27	58.64	45.35	38.27	33.01	29.32
90.0	113.94	88.95	69.88	52.79	43.77	36.99	31.19	27.80	24.70
135.0	166.67	121.32	95.10	74.73	60.10	47.52	40.61	35.64	32.07
180.0	158.42	122.14	88.84	69.64	55.36	43.13	36.81	32.42	29.32
225.0	130.74	96.62	76.72	61.51	48.16	40.97	35.99	32.42	29.14
270.0	169.42	123.31	95.16	75.32	57.41	47.40	40.61	35.00	31.84
315.0	119.39	93.11	73.74	59.17	46.47	39.85	35.11	31.60	28.44
360.0	127.64	99.72	77.60	57.94	47.70	40.32	35.17	30.84	28.38

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	26.39	24.35	23.00	21.59	20.66	19.84	19.14	18.38	17.85
45.0	25.87	23.76	21.54	20.19	19.02	17.85	17.09	16.44	15.80
90.0	22.71	21.07	19.43	18.38	17.50	16.74	15.98	15.45	15.04
135.0	28.68	26.51	24.76	23.23	21.71	20.66	19.66	18.73	18.08
180.0	26.57	24.93	23.64	22.53	21.42	20.66	19.96	19.20	18.67
225.0	27.15	25.57	23.99	22.94	22.00	21.01	20.25	19.55	18.90
270.0	29.50	27.10	25.57	24.29	23.23	22.12	21.30	20.54	19.90
315.0	26.45	24.52	23.23	22.12	21.07	20.25	19.55	18.79	18.26
360.0	26.39	24.35	23.00	21.59	20.66	19.84	19.14	18.38	17.85
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	17.32	16.85	16.21	15.80	15.27	14.75	14.28	13.87	13.40
45.0	15.33	14.92	14.57	14.22	13.99	13.69	13.40	13.05	12.82
90.0	14.63	14.22	13.93	13.69	13.46	13.17	12.82	12.58	12.35
135.0	17.38	16.80	16.21	15.63	15.22	14.75	14.28	13.81	13.40
180.0	18.08	17.56	17.09	16.62	16.09	15.68	15.22	14.75	14.22
225.0	18.32	17.79	17.15	16.56	16.04	15.51	14.86	14.34	13.87
270.0	19.02	18.49	17.97	17.32	16.80	16.09	15.57	14.98	14.34
315.0	17.79	17.26	16.62	16.15	15.68	15.22	14.63	14.10	13.64
360.0	17.32	16.85	16.21	15.80	15.27	14.75	14.28	13.87	13.40
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.99	12.52	12.06	11.65	11.24	10.77	10.48	10.30	10.12
45.0	12.58	12.23	11.94	11.53	11.24	10.94	10.65	10.36	10.24
90.0	12.11	11.65	11.41	11.12	10.83	10.53	10.36	10.12	10.01
135.0	12.99	12.58	12.29	11.76	11.41	10.94	10.59	10.36	10.12
180.0	13.81	13.34	12.93	12.41	11.94	11.41	11.06	10.77	10.48
225.0	13.34	12.70	12.23	11.76	11.18	10.71	10.24	10.01	9.83
270.0	13.81	13.28	12.82	12.23	11.70	11.18	10.77	10.30	10.07
315.0	12.99	12.52	11.94	11.47	11.00	10.48	10.18	9.95	9.77
360.0	12.99	12.52	12.06	11.65	11.24	10.77	10.48	10.30	10.12
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	9.89	9.71	9.54	9.36	9.19	9.01	8.84	8.66	8.49
45.0	10.01	9.83	9.60	9.48	9.31	9.13	8.95	8.78	8.54
90.0	9.77	9.60	9.36	9.25	9.07	8.90	8.72	8.54	8.37
135.0	9.95	9.77	9.54	9.42	9.25	9.07	8.95	8.72	8.54
180.0	10.30	10.12	9.89	9.71	9.54	9.42	9.19	9.01	8.84
225.0	9.66	9.42	9.25	9.07	8.95	8.78	8.66	8.43	8.25
270.0	9.89	9.66	9.48	9.25	9.07	8.90	8.78	8.60	8.43
315.0	9.60	9.42	9.25	9.07	8.90	8.72	8.60	8.37	8.25
360.0	9.89	9.71	9.54	9.36	9.19	9.01	8.84	8.66	8.49
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.31	8.19	8.02	7.84	7.67	7.55	7.37	7.26	7.14
45.0	8.43	8.25	8.08	7.90	7.78	7.61	7.43	7.32	7.14
90.0	8.19	8.08	7.90	7.72	7.61	7.43	7.26	7.14	7.08
135.0	8.37	8.19	8.02	7.90	7.72	7.61	7.37	7.26	7.14
180.0	8.72	8.54	8.37	8.25	8.02	7.90	7.78	7.55	7.32
225.0	8.13	7.96	7.84	7.67	7.55	7.37	7.32	7.20	7.02
270.0	8.31	8.08	7.96	7.72	7.61	7.49	7.37	7.20	7.08
315.0	8.08	7.96	7.78	7.67	7.49	7.43	7.20	7.08	7.02
360.0	8.31	8.19	8.02	7.84	7.67	7.55	7.37	7.26	7.14

Intensity data(cd)

C/γ(°)	90.0
0.0	7.02
45.0	7.02
90.0	7.02
135.0	7.02
180.0	7.08
225.0	6.96
270.0	7.02
315.0	6.96
360.0	7.02