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Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

NT

Client: NT
LumCAT: 2-3039-LM
Luminaire: 92.70.121.00 LED HOLDER
Report No: 20251202-B005
Ballast type: AC

Test No: 20251202-C005	Voltage(V): 34.410
LampCAT: PHILIPS SLM 1208 L15 1919 G8	Current(A): 0.576
Lamp flux(lm): 3093.4	Power (W): 19.820
Number of Lamps: 1	PF: 0.000
Length(mm): 65	Width(mm): 65
Phm Type: C	Height(mm): 34

Photometric Results

Lumens(lm): 3009.07, Efficiency(%): 97.27% , Luminous Efficacy(lm/W): 151.82
Central intensity(cd): 8313.343, Maximum intensity(cd): 8313.343
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=28.8
[C90/270]Total=28.8
Field angle(10%Imax): [C0/180]Total=68.4
[C90/270]Total=68.4
Maximum s/h(1/2): C0_180=0.48 C90_270=0.48
Maximum s/h(1/4): C0_180=0.49 C90_270=0.49
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 97.27%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.770%

NT NT 2-3039-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	8313.342	0.000	0	0.00%	0.00%
1.0	8300.053	7.949	7.949	0.26%	0.26%
2.0	8218.561	23.709	31.658	0.77%	1.05%
3.0	8093.264	39.013	70.671	1.26%	2.35%
4.0	7952.498	53.710	124.381	1.74%	4.13%
5.0	7721.522	67.429	191.81	2.18%	6.37%
6.0	7465.725	79.813	271.623	2.58%	9.03%
7.0	7191.014	90.974	362.597	2.94%	12.05%
8.0	6840.928	100.424	463.021	3.25%	15.39%
9.0	6481.420	107.970	570.991	3.49%	18.98%
10.0	6061.022	113.505	684.496	3.67%	22.75%
11.0	5629.233	116.810	801.306	3.78%	26.63%
12.0	5244.131	118.861	920.167	3.84%	30.58%
13.0	4757.920	118.699	1038.866	3.84%	34.52%
14.0	4310.733	116.078	1154.944	3.75%	38.38%
15.0	3921.694	113.018	1267.963	3.65%	42.14%
16.0	3487.936	108.572	1376.534	3.51%	45.75%
17.0	3133.913	103.120	1479.654	3.33%	49.17%
18.0	2817.858	98.132	1577.786	3.17%	52.43%
19.0	2511.858	92.726	1670.512	3.00%	55.52%
20.0	2269.139	87.506	1758.018	2.83%	58.42%
21.0	2037.319	82.693	1840.71	2.67%	61.17%
22.0	1840.866	77.934	1918.644	2.52%	63.76%
23.0	1678.795	73.852	1992.496	2.39%	66.22%
24.0	1513.913	69.804	2062.3	2.26%	68.54%
25.0	1405.772	66.387	2128.687	2.15%	70.74%
26.0	1310.639	64.121	2192.809	2.07%	72.87%
27.0	1206.274	61.577	2254.385	1.99%	74.92%
28.0	1150.720	59.674	2314.06	1.93%	76.90%
29.0	1106.768	59.062	2373.122	1.91%	78.87%
30.0	1061.592	58.545	2431.667	1.89%	80.81%
31.0	1017.668	57.863	2489.53	1.87%	82.73%
32.0	968.688	56.907	2546.437	1.84%	84.63%
33.0	908.796	55.311	2601.748	1.79%	86.46%
34.0	841.359	52.965	2654.713	1.71%	88.22%
35.0	777.614	50.279	2704.992	1.63%	89.89%
36.0	707.407	47.283	2752.276	1.53%	91.47%
37.0	620.241	43.300	2795.576	1.40%	92.90%

NT NT 2-3039-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	533.334	38.505	2834.081	1.24%	94.18%
39.0	463.170	34.013	2868.094	1.10%	95.31%
40.0	382.430	29.491	2897.586	0.95%	96.29%
41.0	315.127	24.840	2922.425	0.80%	97.12%
42.0	253.617	20.663	2943.089	0.67%	97.81%
43.0	201.783	16.869	2959.958	0.55%	98.37%
44.0	137.102	12.790	2972.749	0.41%	98.79%
45.0	74.152	8.119	2980.867	0.26%	99.06%
46.0	46.322	4.711	2985.579	0.15%	99.22%
47.0	33.469	3.173	2988.752	0.10%	99.32%
48.0	23.203	2.291	2991.043	0.07%	99.40%
49.0	19.301	1.745	2992.789	0.06%	99.46%
50.0	15.581	1.454	2994.243	0.05%	99.51%
51.0	12.818	1.202	2995.445	0.04%	99.55%
52.0	11.138	1.028	2996.473	0.03%	99.58%
53.0	9.914	0.916	2997.388	0.03%	99.61%
54.0	9.183	0.842	2998.23	0.03%	99.64%
55.0	8.466	0.788	2999.018	0.03%	99.67%
56.0	7.763	0.733	2999.751	0.02%	99.69%
57.0	7.088	0.679	3000.43	0.02%	99.71%
58.0	6.405	0.624	3001.054	0.02%	99.73%
59.0	5.871	0.574	3001.628	0.02%	99.75%
60.0	5.372	0.531	3002.159	0.02%	99.77%
61.0	4.950	0.493	3002.652	0.02%	99.79%
62.0	4.514	0.456	3003.108	0.01%	99.80%
63.0	4.205	0.424	3003.532	0.01%	99.82%
64.0	3.895	0.397	3003.929	0.01%	99.83%
65.0	3.586	0.370	3004.3	0.01%	99.84%
66.0	3.361	0.347	3004.646	0.01%	99.85%
67.0	3.136	0.327	3004.973	0.01%	99.86%
68.0	2.932	0.307	3005.28	0.01%	99.87%
69.0	2.763	0.291	3005.571	0.01%	99.88%
70.0	2.566	0.274	3005.844	0.01%	99.89%
71.0	2.433	0.258	3006.103	0.01%	99.90%
72.0	2.306	0.246	3006.349	0.01%	99.91%
73.0	2.159	0.233	3006.583	0.01%	99.92%
74.0	2.074	0.223	3006.805	0.01%	99.92%
75.0	1.962	0.213	3007.019	0.01%	99.93%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.849	0.202	3007.221	0.01%	99.94%
77.0	1.751	0.192	3007.413	0.01%	99.94%
78.0	1.624	0.181	3007.593	0.01%	99.95%
79.0	1.575	0.172	3007.765	0.01%	99.96%
80.0	1.455	0.163	3007.929	0.01%	99.96%
81.0	1.371	0.153	3008.082	0.00%	99.97%
82.0	1.280	0.144	3008.225	0.00%	99.97%
83.0	1.188	0.134	3008.359	0.00%	99.98%
84.0	1.083	0.124	3008.483	0.00%	99.98%
85.0	1.013	0.114	3008.598	0.00%	99.98%
86.0	0.970	0.108	3008.706	0.00%	99.99%
87.0	0.900	0.102	3008.808	0.00%	99.99%
88.0	0.844	0.096	3008.904	0.00%	99.99%
89.0	0.773	0.089	3008.992	0.00%	100.00%
90.0	0.731	0.082	3009.075	0.00%	100.00%

Zonal flux distribution table

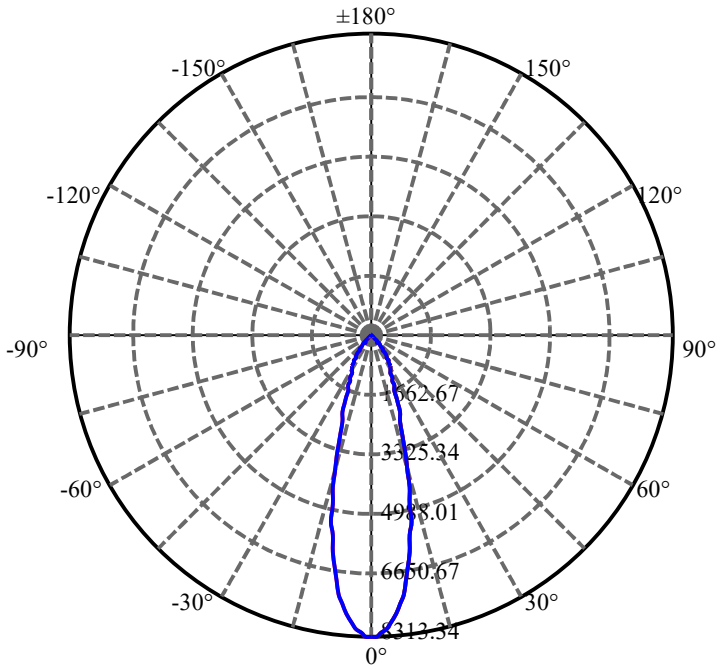
ZONAL LUMEN SUMMARY

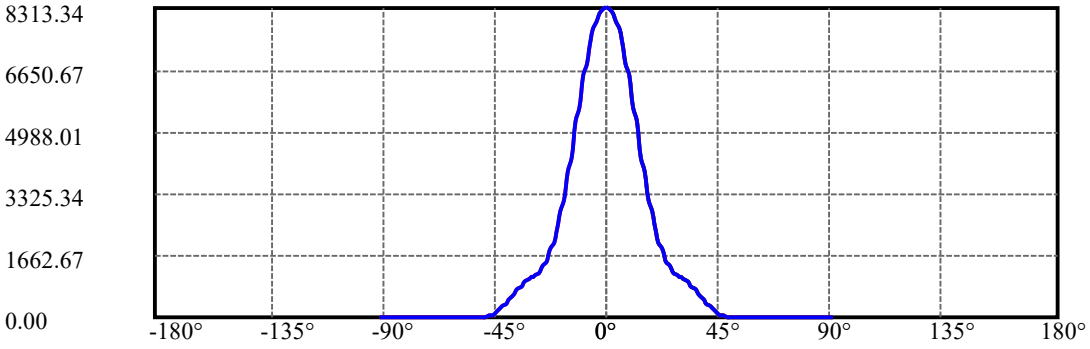
Zone	Lumens	%Lamp	%Fixt
0-30	2431.67	78.61%	80.81%
0-40	2897.59	93.67%	96.29%
0-60	3002.16	97.05%	99.77%
0-90	3008.99	97.27%	100.00%
0-120	3008.99	97.27%	100.00%
0-180	3009.07	97.27%	100.00%
60-90	6.83	0.22%	0.23%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.58	2407.26	77.82%	80.00%

ZONAL LUMEN SUMMARY

0-10	684.50
10-20	1073.52
20-30	673.65
30-40	465.92
40-50	96.66
50-60	7.92
60-70	3.69
70-80	2.08
80-90	1.06
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

Light Distribution Curve [Unit:cd]





C0(Max):

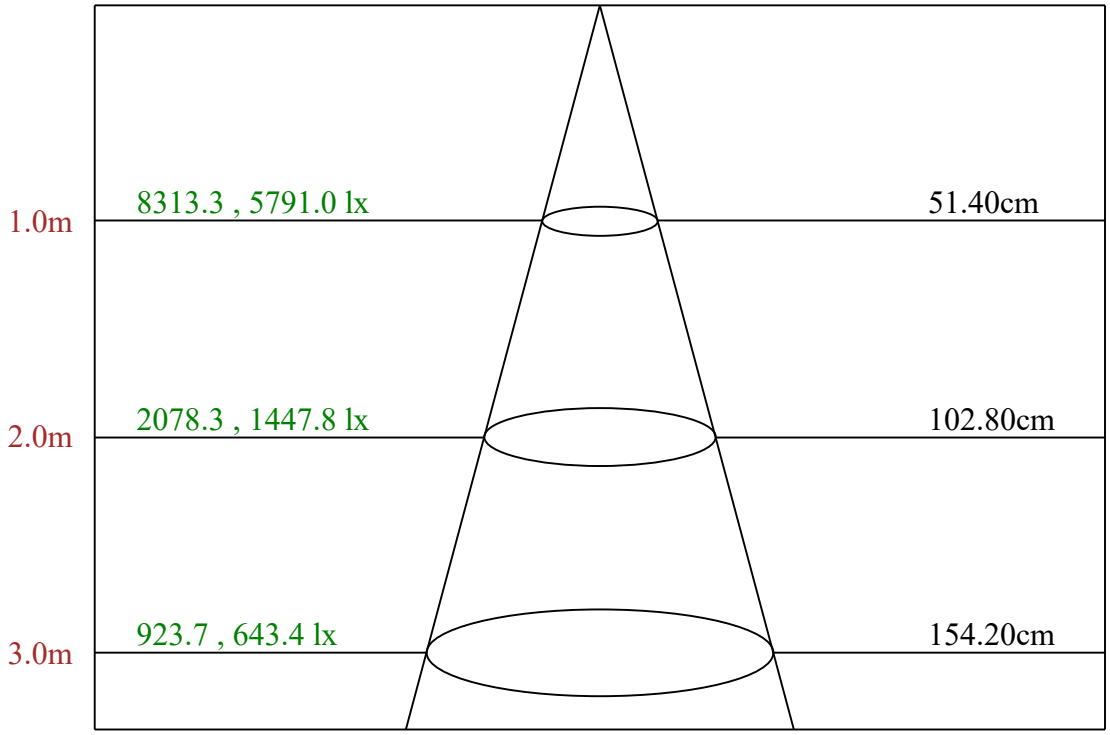
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:34.2 Right:34.2
:C90/270Left:34.2 Right:34.2

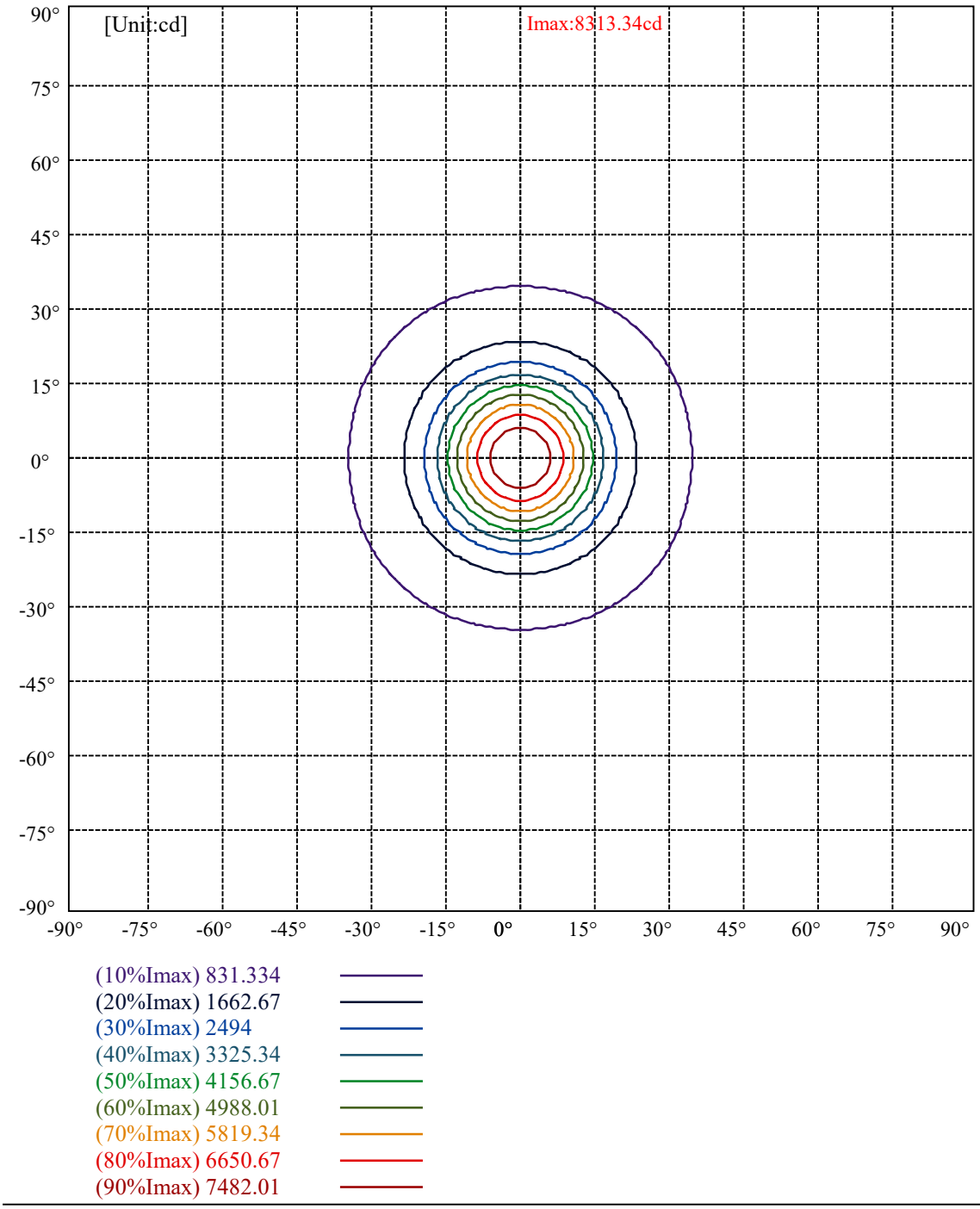
Beam Angle(50%Imax):C0/180Left:14.4 Right:14.4
:C90/270Left:14.4 Right:14.4

Lux distance Curve



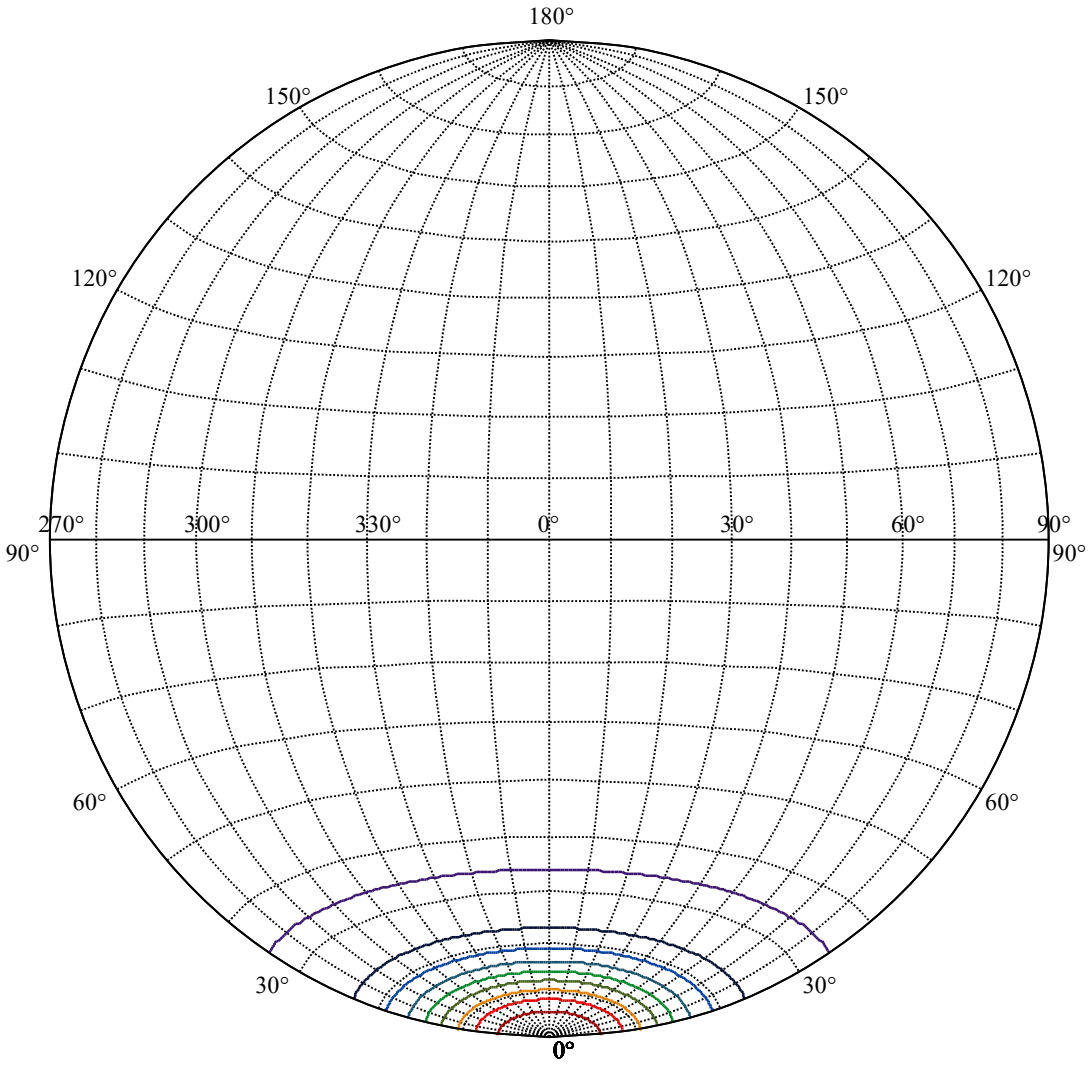
Max , Ave

Beam angle of C0 plane 28.83



Equipment: GMS 1800
Temperature(°C): 25.0
Date: 2025/12/2
Humidity(%): 60.0%
Operator: YZQ
Distance(m): 7.50

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:8313.34

(10%Imax) 831.334
(20%Imax) 1662.67
(30%Imax) 2494
(40%Imax) 3325.34
(50%Imax) 4156.67
(60%Imax) 4988.01
(70%Imax) 5819.34
(80%Imax) 6650.67
(90%Imax) 7482.01

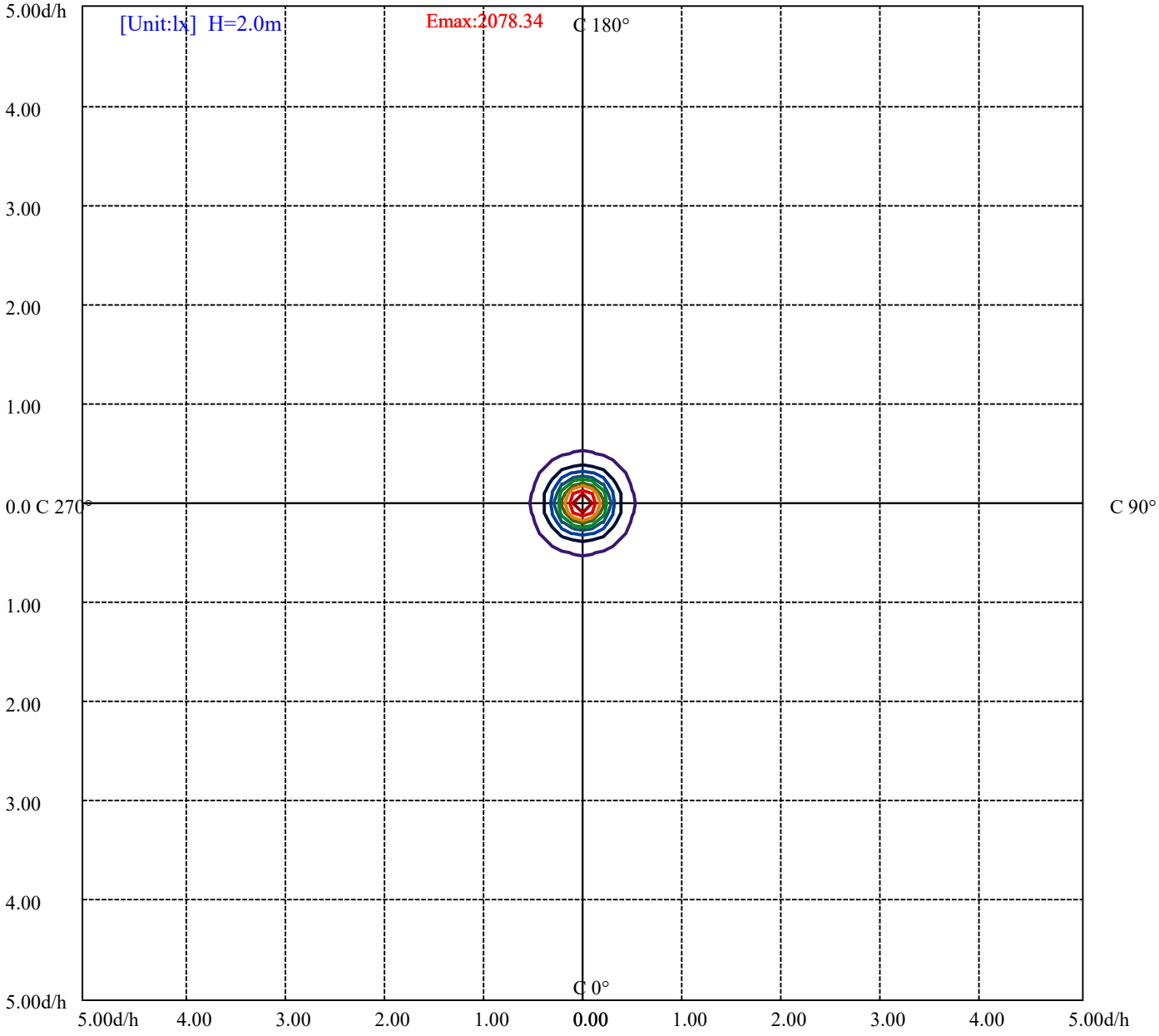
Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/2
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

NT NT 2-3039-LM

ISO illuminance diagram

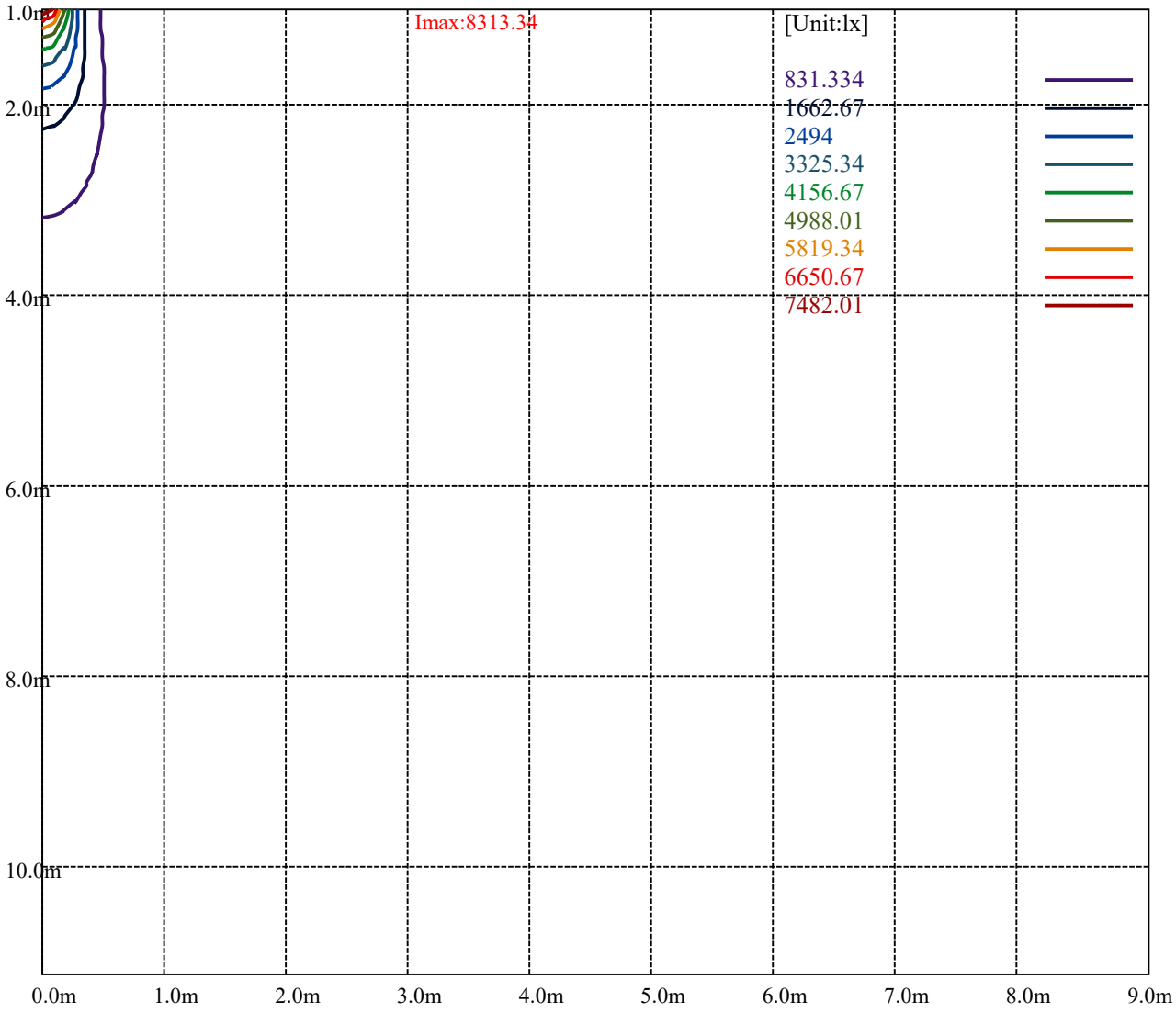


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/2
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/2
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

NT NT 2-3039-LM

Luminance Limitting Curve(no luminous side)

Luminance Table

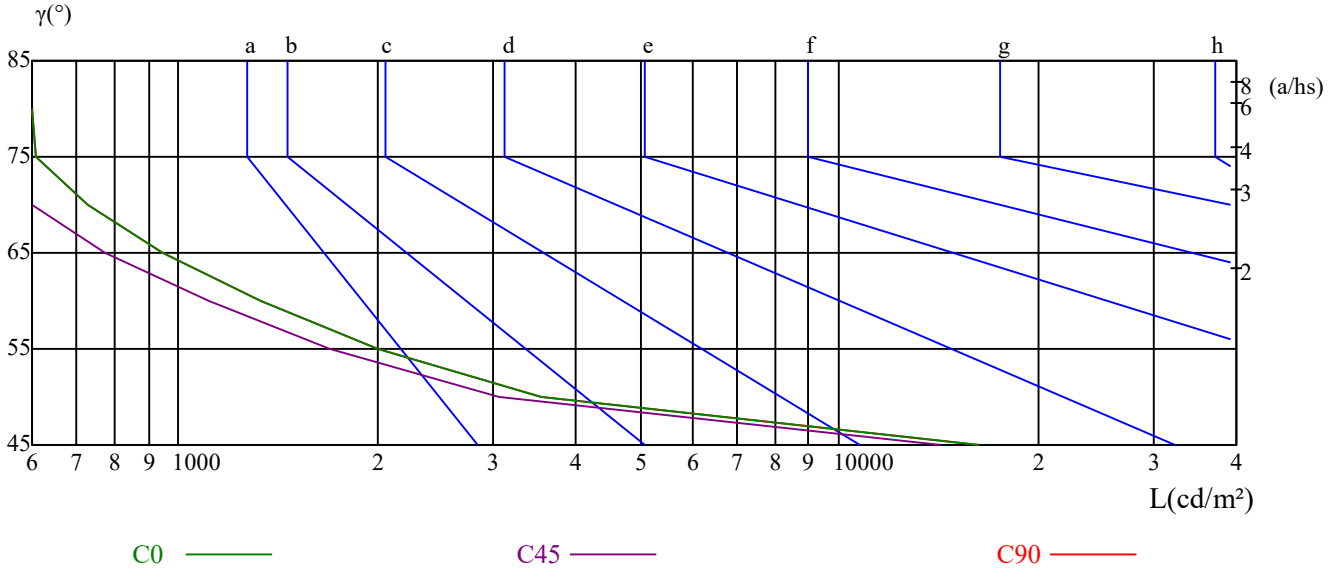
γ	45	50	55	60	65	70	75	80	85
C0	16296	3534	2000	1334	947	729	608	500	394
C45	14267	3049	1699	1115	776	586	477	382	291
C90	16296	3534	2000	1334	947	729	608	500	394

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2008	2008	2008	1794	1794	1794	2750	2750	2750

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 Limitting Curve



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/2
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

Illumination assessment according UGR

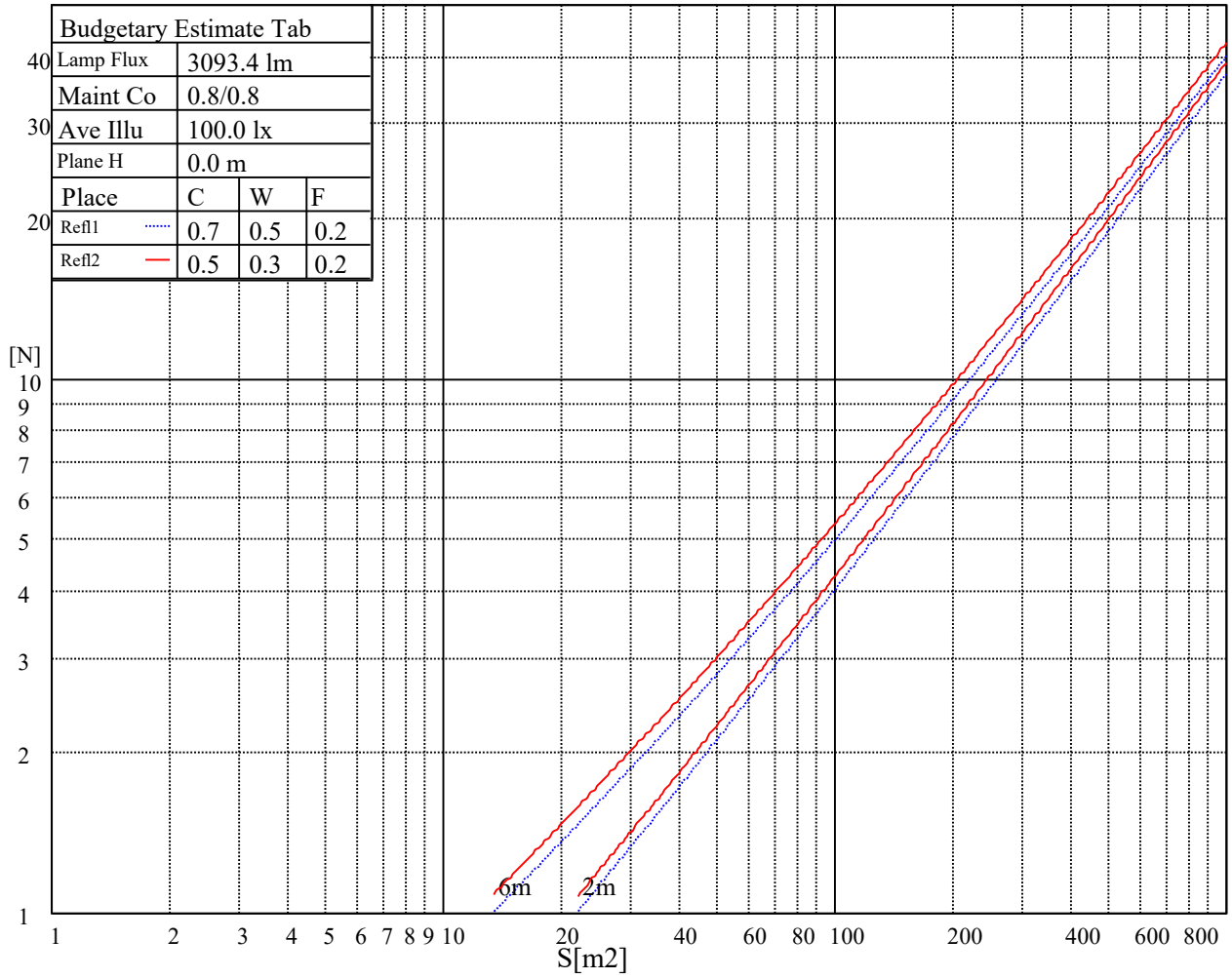
Rf of Ceiling		70	70	50	50	30	70	70	50	50	30
Rf of Wall		50	30	50	30	30	50	30	50	30	30
Rf of Floor		20	20	20	20	20	20	20	20	20	20
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	18.44	19.37	18.80	19.68	19.99	18.42	19.35	18.78	19.66	19.97
	3H	18.23	19.05	18.62	19.39	19.73	18.21	19.03	18.60	19.37	19.71
	4H	18.12	18.88	18.52	19.23	19.60	18.10	18.86	18.50	19.21	19.58
	6H	18.03	18.72	18.45	19.10	19.50	18.01	18.70	18.43	19.08	19.48
	8H	17.95	18.61	18.37	19.00	19.40	17.93	18.59	18.35	18.98	19.38
	12H	17.88	18.50	18.30	18.90	19.31	17.86	18.48	18.29	18.88	19.29
4H	2H	18.12	18.88	18.52	19.23	19.60	18.10	18.86	18.50	19.21	19.58
	3H	17.87	18.50	18.29	18.89	19.31	17.85	18.48	18.27	18.87	19.29
	4H	17.78	18.33	18.22	18.75	19.20	17.76	18.31	18.20	18.73	19.18
	6H	17.64	18.12	18.11	18.57	19.02	17.62	18.10	18.09	18.55	19.00
	8H	17.58	18.02	18.06	18.48	18.95	17.56	18.00	18.04	18.46	18.93
	12H	17.52	17.93	18.01	18.38	18.90	17.50	17.91	17.99	18.36	18.89
8H	4H	17.57	18.02	18.06	18.48	18.95	17.55	18.00	18.04	18.46	18.93
	6H	17.41	17.77	17.92	18.26	18.77	17.39	17.76	17.90	18.24	18.75
	8H	17.40	17.70	17.93	18.22	18.72	17.38	17.68	17.91	18.20	18.70
	12H	17.34	17.57	17.88	18.08	18.61	17.32	17.55	17.87	18.07	18.59
12H	4H	17.52	17.93	18.01	18.38	18.90	17.50	17.91	17.99	18.36	18.88
	6H	17.39	17.69	17.93	18.22	18.72	17.38	17.68	17.91	18.20	18.70
	8H	17.34	17.57	17.88	18.08	18.61	17.32	17.55	17.86	18.06	18.59

Variation with the observer position at spacings:

S = 1.0H	4.8/-17.7	4.8/-17.7
S = 1.5H	7.6/-18.3	7.6/-18.3
S = 2.0H	9.6/-18.3	9.6/-18.3
Standard tables:	BK0	BK0
Uncorrected UGR	0.0	0.0

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25

Budgetary Estimate Table



Equipment: GMS 1800 Date: 2025/12/2 Operator: YZQ
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.50

Utilization factor table for indoor luminaire

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	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.16	1.16	1.16	1.13	1.13	1.13	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.97
1	1.09	1.07	1.05	1.07	1.05	1.03	1.03	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.92
2	1.02	0.99	0.96	1.01	0.98	0.95	0.98	0.95	0.93	0.95	0.93	0.91	0.92	0.91	0.89	0.88
3	0.97	0.93	0.89	0.95	0.92	0.89	0.93	0.90	0.87	0.91	0.88	0.86	0.89	0.86	0.85	0.83
4	0.92	0.87	0.84	0.91	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.79
5	0.87	0.82	0.79	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.76	0.75
6	0.83	0.78	0.74	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.73	0.72
7	0.79	0.74	0.71	0.79	0.74	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.69	0.68
8	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
9	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.70	0.66	0.64	0.63
10	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.60

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	8312.01	8264.19	8079.13	7848.51	7752.32	7413.13	7088.57	6731.94	6257.19
45.0	8332.82	8292.88	8200.63	8063.38	7952.01	7679.19	7408.07	7087.44	6719.01
90.0	8312.01	8227.63	8058.32	7861.44	7611.69	7250.01	7052.57	6684.69	6286.44
135.0	8319.32	8301.32	8272.07	8157.88	8006.57	7807.44	7561.07	7390.63	7000.26
180.0	8312.01	8351.94	8342.94	8290.63	8188.26	8102.19	7879.44	7646.01	7356.32
225.0	8332.82	8333.94	8273.19	8166.32	7976.19	7857.51	7618.44	7321.44	6981.69
270.0	8266.44	8339.57	8341.26	8318.19	8201.76	8050.44	7853.57	7602.69	7432.26
315.0	8319.32	8288.94	8180.94	8039.76	7931.19	7612.26	7264.07	7063.26	6694.26
360.0	8312.01	8264.19	8079.13	7848.51	7752.32	7413.13	7088.57	6731.94	6257.19

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6000.69	5562.51	5123.19	4689.51	4169.19	3910.44	3498.69	2914.26	2720.76
45.0	6479.38	5982.13	5540.57	5089.44	4637.19	4124.19	3715.26	3327.69	3108.88
90.0	5860.07	5322.32	5052.88	4611.88	3929.01	3683.76	3297.88	2949.13	2640.88
135.0	6632.38	6238.63	5728.44	5550.69	5019.69	4403.19	4147.82	3664.07	3281.57
180.0	7026.69	6572.19	6152.57	5721.13	5458.44	4924.07	4469.57	4036.44	3624.13
225.0	6510.32	6267.88	5831.94	5386.44	4929.69	4399.26	4136.57	3553.82	3091.44
270.0	7041.88	6662.19	6252.69	5821.82	5284.63	4838.57	4394.19	4130.94	3635.38
315.0	6299.94	5880.32	5351.57	5082.13	4635.51	4202.38	3713.57	3327.13	2968.26
360.0	6000.69	5562.51	5123.19	4689.51	4169.19	3910.44	3498.69	2914.26	2720.76

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2433.32	2177.38	1949.01	1727.94	1631.76	1497.32	1383.13	1288.63	1199.19
45.0	2705.57	2407.44	2147.57	1918.07	1801.63	1592.38	1401.13	1336.44	1244.19
90.0	2310.13	2162.76	1944.51	1758.88	1606.44	1454.57	1387.63	1294.26	1221.13
135.0	2923.26	2611.07	2441.19	2138.57	1919.19	1732.44	1553.01	1431.51	1330.26
180.0	3389.57	2956.44	2633.57	2351.76	2101.44	1965.88	1679.57	1532.19	1456.82
225.0	2877.13	2553.13	2264.57	2017.63	1766.76	1658.19	1503.51	1380.32	1256.01
270.0	3251.76	2898.51	2588.57	2420.38	2119.44	1901.19	1723.44	1567.63	1487.76
315.0	2652.13	2328.13	2184.13	1965.32	1780.26	1628.38	1479.88	1415.19	1289.76
360.0	2433.32	2177.38	1949.01	1727.94	1631.76	1497.32	1383.13	1288.63	1199.19

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1109.14	1109.14	1056.60	1033.48	985.84	924.98	841.39	764.83	716.18
45.0	1194.69	1091.76	1038.32	1007.38	952.82	899.38	836.94	770.01	726.69
90.0	1111.39	1111.39	1065.43	1025.27	966.21	930.49	863.72	741.99	692.94
135.0	1248.69	1205.94	1135.63	1085.01	1042.82	999.51	967.44	890.94	820.07
180.0	1332.51	1248.69	1180.07	1122.13	1090.63	1038.32	995.57	937.63	871.26
225.0	1090.58	1090.58	1069.76	1009.52	986.12	945.34	860.46	823.95	755.38
270.0	1319.57	1240.26	1200.32	1130.57	1080.51	1038.88	1000.07	971.38	901.63
315.0	1243.63	1108.01	1108.01	1079.38	1036.41	972.62	904.78	830.14	736.76
360.0	1109.14	1109.14	1056.60	1033.48	985.84	924.98	841.39	764.83	716.18

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	635.63	506.14	458.21	380.08	304.48	232.76	153.51	118.29	69.41
45.0	640.63	565.26	487.63	395.94	321.69	293.01	293.01	161.66	103.16
90.0	609.08	523.69	437.96	338.23	290.87	217.01	150.58	94.22	46.91
135.0	744.13	663.69	565.82	485.38	404.38	358.26	281.76	281.76	139.95
180.0	827.38	735.13	624.32	575.94	480.32	403.26	326.19	326.19	281.76
225.0	682.59	605.42	511.26	463.67	388.41	312.36	242.55	165.15	131.34
270.0	832.44	757.07	659.76	625.44	523.63	404.38	354.88	307.63	222.47
315.0	687.38	605.53	521.72	440.66	345.66	299.98	226.46	159.36	101.81
360.0	635.63	506.14	458.21	380.08	304.48	232.76	153.51	118.29	69.41

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	39.04	29.76	24.19	19.29	15.41	12.94	12.60	11.81	10.91
45.0	67.78	45.45	34.20	28.46	23.74	19.86	18.06	15.47	13.89
90.0	27.39	22.28	16.93	14.40	11.19	9.39	8.78	7.93	7.54
135.0	84.82	40.28	23.74	19.24	16.20	10.86	7.54	6.02	5.63
180.0	118.13	68.68	46.74	25.93	21.77	16.93	12.66	10.63	8.66
225.0	68.68	52.65	35.66	30.66	25.31	20.64	16.65	15.19	13.11
270.0	137.08	75.94	61.03	30.04	25.82	22.84	17.44	14.01	12.32
315.0	50.29	35.55	25.26	17.61	14.96	11.19	8.83	8.04	7.26
360.0	39.04	29.76	24.19	19.29	15.41	12.94	12.60	11.81	10.91

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.96	8.78	8.33	7.37	6.75	6.24	5.40	5.01	4.50
45.0	12.54	11.36	10.63	9.39	7.93	7.48	6.69	5.96	5.46
90.0	6.92	6.47	5.91	5.29	4.95	4.39	3.94	3.83	3.49
135.0	5.29	4.89	4.39	4.22	3.94	3.71	3.54	3.38	3.26
180.0	8.21	7.48	6.92	6.30	5.91	5.46	5.18	4.78	4.28
225.0	11.93	11.14	9.90	9.34	8.16	7.26	6.92	6.24	5.46
270.0	11.64	11.14	10.13	9.28	8.44	7.54	6.69	6.19	5.57
315.0	6.98	6.47	5.91	5.51	5.18	4.89	4.61	4.22	4.11
360.0	9.96	8.78	8.33	7.37	6.75	6.24	5.40	5.01	4.50

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	4.05	3.94	3.54	3.26	3.15	2.76	2.70	2.48	2.36
45.0	4.89	4.61	4.11	3.77	3.43	3.21	3.04	2.76	2.53
90.0	3.26	3.04	2.76	2.70	2.59	2.42	2.31	2.19	2.08
135.0	3.21	3.04	2.98	2.93	2.81	2.76	2.64	2.53	2.48
180.0	3.94	3.71	3.43	3.15	2.93	2.76	2.64	2.48	2.36
225.0	5.12	4.44	4.28	3.94	3.49	3.21	2.93	2.76	2.64
270.0	5.23	4.73	4.16	3.83	3.54	3.38	3.04	2.76	2.59
315.0	3.94	3.66	3.43	3.32	3.15	2.98	2.81	2.59	2.42
360.0	4.05	3.94	3.54	3.26	3.15	2.76	2.70	2.48	2.36

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	2.19	2.03	1.97	1.80	1.58	1.52	1.35	1.29	1.18
45.0	2.53	2.31	2.25	2.19	2.03	1.97	1.80	1.74	1.63
90.0	2.03	1.86	1.80	1.74	1.69	1.58	1.46	1.41	1.35
135.0	2.36	2.19	2.08	1.97	1.91	1.80	1.69	1.58	1.46
180.0	2.31	2.25	2.19	2.03	1.91	1.86	1.80	1.74	1.58
225.0	2.36	2.25	2.19	2.14	2.03	1.97	1.86	1.86	1.80
270.0	2.42	2.31	2.14	1.97	1.91	1.69	1.58	1.58	1.35
315.0	2.25	2.08	1.97	1.86	1.74	1.63	1.46	1.41	1.29
360.0	2.19	2.03	1.97	1.80	1.58	1.52	1.35	1.29	1.18

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	1.01	1.01	0.96	0.90	0.84	0.79	0.73	0.68	0.68
45.0	1.63	1.41	1.41	1.18	1.13	1.01	0.90	0.73	0.62
90.0	1.18	1.18	1.13	1.07	1.07	1.07	1.01	1.07	0.96
135.0	1.41	1.29	1.24	1.13	1.07	1.07	1.07	1.07	1.01
180.0	1.46	1.41	1.24	1.18	1.07	1.01	0.90	0.84	0.84
225.0	1.69	1.63	1.46	1.35	1.18	1.07	0.90	0.73	0.56
270.0	1.35	1.18	1.01	0.90	0.90	0.84	0.84	0.79	0.68
315.0	1.24	1.13	1.07	0.96	0.84	0.90	0.84	0.84	0.84
360.0	1.01	1.01	0.96	0.90	0.84	0.79	0.73	0.68	0.68

Intensity data(cd)

C/γ(°)	90.0
0.0	0.68
45.0	0.56
90.0	0.96
135.0	1.01
180.0	0.73
225.0	0.45
270.0	0.68
315.0	0.79
360.0	0.68