NATA LIGHTING CO.,LTD
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Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

NT

Client: NT
LumCAT: 1-1757-LM
Luminaire: 92.70.492.00 LED HOLDER
Report No: 20251124-C016
Ballast type: AC

Test No: 20251124-C016	Voltage(V): 34.740
LampCAT: PHILIPS SLM 1203 L09 1313	Current(A): 0.216
Lamp flux(lm): 1223.0	Power (W): 7.503
Number of Lamps: 1	PF: 0.000
Length(mm): 45	Width(mm): 45
Phm Type: C	Height(mm): 19

Photometric Results

Lumens(lm): 1183.32, Efficiency(%): 96.76% , Luminous Efficacy(lm/W): 157.71
Central intensity(cd): 1301.006, Maximum intensity(cd): 1301.006
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=55.0
[C90/270]Total=55.0
Field angle(10%Imax): [C0/180]Total=92.0
[C90/270]Total=92.0
Maximum s/h(1/2): C0_180=0.83 C90_270=0.83
Maximum s/h(1/4): C0_180=0.88 C90_270=0.88
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 96.76%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.828%

Equipment: GMS 1800	Date: 2025/11/24	Operator: YZQ
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.50

NT NT 1-1757-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1301.006	0.000	0	0.00%	0.00%
1.0	1300.373	1.245	1.245	0.10%	0.11%
2.0	1297.631	3.729	4.974	0.30%	0.42%
3.0	1292.217	6.194	11.168	0.51%	0.94%
4.0	1285.327	8.628	19.796	0.71%	1.67%
5.0	1276.819	11.022	30.818	0.90%	2.60%
6.0	1266.834	13.368	44.185	1.09%	3.73%
7.0	1255.303	15.655	59.84	1.28%	5.06%
8.0	1240.819	17.864	77.704	1.46%	6.57%
9.0	1224.084	19.977	97.681	1.63%	8.25%
10.0	1202.449	21.959	119.64	1.80%	10.11%
11.0	1178.248	23.788	143.428	1.95%	12.12%
12.0	1164.045	25.605	169.033	2.09%	14.28%
13.0	1137.804	27.317	196.35	2.23%	16.59%
14.0	1118.208	28.877	225.227	2.36%	19.03%
15.0	1087.404	30.280	255.507	2.48%	21.59%
16.0	1055.981	31.407	286.913	2.57%	24.25%
17.0	1027.807	32.450	319.363	2.65%	26.99%
18.0	996.588	33.378	352.741	2.73%	29.81%
19.0	957.459	33.996	386.738	2.78%	32.68%
20.0	920.897	34.379	421.117	2.81%	35.59%
21.0	886.514	34.706	455.823	2.84%	38.52%
22.0	851.182	34.920	490.742	2.86%	41.47%
23.0	811.455	34.887	525.629	2.85%	44.42%
24.0	770.063	34.578	560.207	2.83%	47.34%
25.0	733.732	34.193	594.4	2.80%	50.23%
26.0	700.516	33.856	628.255	2.77%	53.09%
27.0	667.385	33.466	661.721	2.74%	55.92%
28.0	632.292	32.905	694.626	2.69%	58.70%
29.0	603.091	32.321	726.948	2.64%	61.43%
30.0	573.666	31.772	758.72	2.60%	64.12%
31.0	549.394	31.253	789.973	2.56%	66.76%
32.0	522.323	30.703	820.676	2.51%	69.35%
33.0	497.735	30.051	850.728	2.46%	71.89%
34.0	478.034	29.530	880.257	2.41%	74.39%
35.0	458.740	29.093	909.35	2.38%	76.85%
36.0	438.933	28.582	937.932	2.34%	79.26%
37.0	414.197	27.824	965.756	2.28%	81.61%

NT NT 1-1757-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	388.174	26.782	992.538	2.19%	83.88%
39.0	362.215	25.613	1018.151	2.09%	86.04%
40.0	331.770	24.204	1042.355	1.98%	88.09%
41.0	304.657	22.663	1065.018	1.85%	90.00%
42.0	264.502	20.679	1085.696	1.69%	91.75%
43.0	235.779	18.532	1104.228	1.52%	93.32%
44.0	204.497	16.617	1120.845	1.36%	94.72%
45.0	164.194	14.169	1135.015	1.16%	95.92%
46.0	128.320	11.440	1146.454	0.94%	96.88%
47.0	99.471	9.060	1155.514	0.74%	97.65%
48.0	71.480	6.911	1162.425	0.57%	98.23%
49.0	50.639	5.015	1167.44	0.41%	98.66%
50.0	34.966	3.569	1171.009	0.29%	98.96%
51.0	22.802	2.444	1173.453	0.20%	99.17%
52.0	17.241	1.718	1175.171	0.14%	99.31%
53.0	13.043	1.317	1176.489	0.11%	99.42%
54.0	11.208	1.069	1177.557	0.09%	99.51%
55.0	9.654	0.931	1178.489	0.08%	99.59%
56.0	8.163	0.805	1179.294	0.07%	99.66%
57.0	6.912	0.689	1179.983	0.06%	99.72%
58.0	5.224	0.561	1180.544	0.05%	99.77%
59.0	3.769	0.420	1180.965	0.03%	99.80%
60.0	3.045	0.322	1181.287	0.03%	99.83%
61.0	2.292	0.255	1181.541	0.02%	99.85%
62.0	1.997	0.207	1181.748	0.02%	99.87%
63.0	1.723	0.181	1181.929	0.01%	99.88%
64.0	1.505	0.158	1182.087	0.01%	99.90%
65.0	1.308	0.139	1182.226	0.01%	99.91%
66.0	1.153	0.123	1182.349	0.01%	99.92%
67.0	1.027	0.110	1182.459	0.01%	99.93%
68.0	0.914	0.098	1182.557	0.01%	99.94%
69.0	0.823	0.089	1182.646	0.01%	99.94%
70.0	0.731	0.080	1182.725	0.01%	99.95%
71.0	0.654	0.072	1182.797	0.01%	99.96%
72.0	0.605	0.065	1182.863	0.01%	99.96%
73.0	0.541	0.060	1182.922	0.00%	99.97%
74.0	0.471	0.053	1182.976	0.00%	99.97%
75.0	0.429	0.048	1183.023	0.00%	99.97%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.366	0.042	1183.065	0.00%	99.98%
77.0	0.352	0.038	1183.104	0.00%	99.98%
78.0	0.302	0.035	1183.139	0.00%	99.98%
79.0	0.274	0.031	1183.17	0.00%	99.99%
80.0	0.239	0.028	1183.197	0.00%	99.99%
81.0	0.211	0.024	1183.222	0.00%	99.99%
82.0	0.190	0.022	1183.243	0.00%	99.99%
83.0	0.148	0.018	1183.262	0.00%	99.99%
84.0	0.141	0.016	1183.277	0.00%	100.00%
85.0	0.105	0.013	1183.291	0.00%	100.00%
86.0	0.084	0.010	1183.301	0.00%	100.00%
87.0	0.077	0.009	1183.31	0.00%	100.00%
88.0	0.049	0.007	1183.317	0.00%	100.00%
89.0	0.035	0.005	1183.322	0.00%	100.00%
90.0	0.014	0.003	1183.324	0.00%	100.00%

Zonal flux distribution table

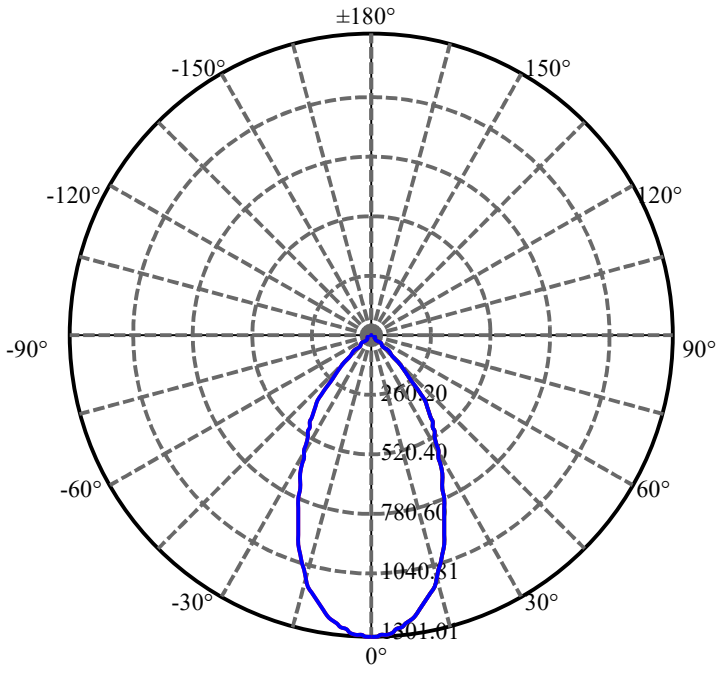
ZONAL LUMEN SUMMARY

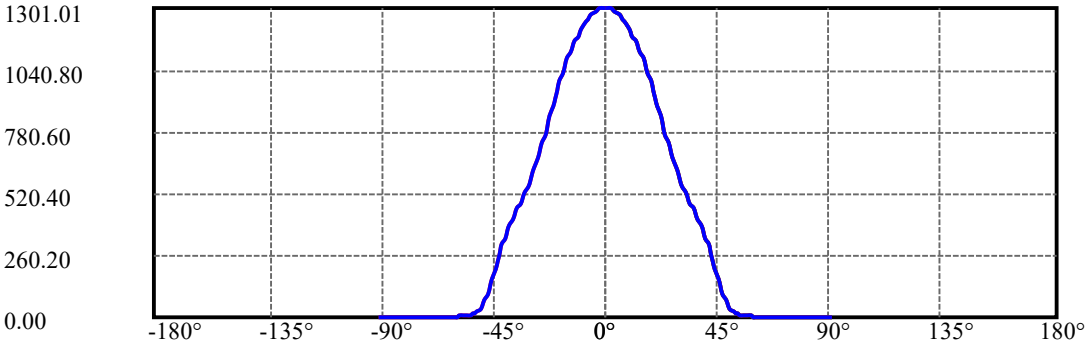
Zone	Lumens	%Lamp	%Fixt
0-30	758.72	62.04%	64.12%
0-40	1042.35	85.23%	88.09%
0-60	1181.29	96.59%	99.83%
0-90	1183.32	96.76%	100.00%
0-120	1183.32	96.76%	100.00%
0-180	1183.32	96.76%	100.00%
60-90	2.04	0.17%	0.17%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-36.31	946.66	77.40%	80.00%

ZONAL LUMEN SUMMARY

0-10	119.64
10-20	301.48
20-30	337.60
30-40	283.64
40-50	128.65
50-60	10.28
60-70	1.44
70-80	0.47
80-90	0.12
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):

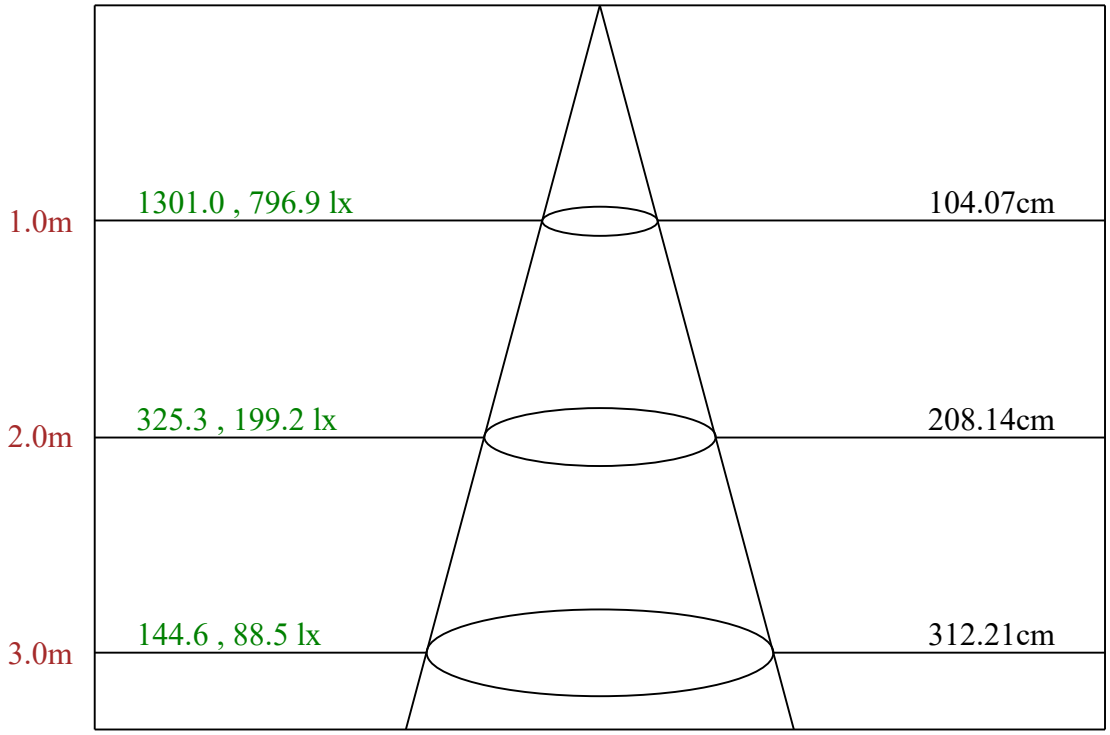
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:46.0 Right:46.0
:C90/270Left:46.0 Right:46.0

Beam Angle(50%Imax):C0/180Left:27.5 Right:27.5
:C90/270Left:27.5 Right:27.5

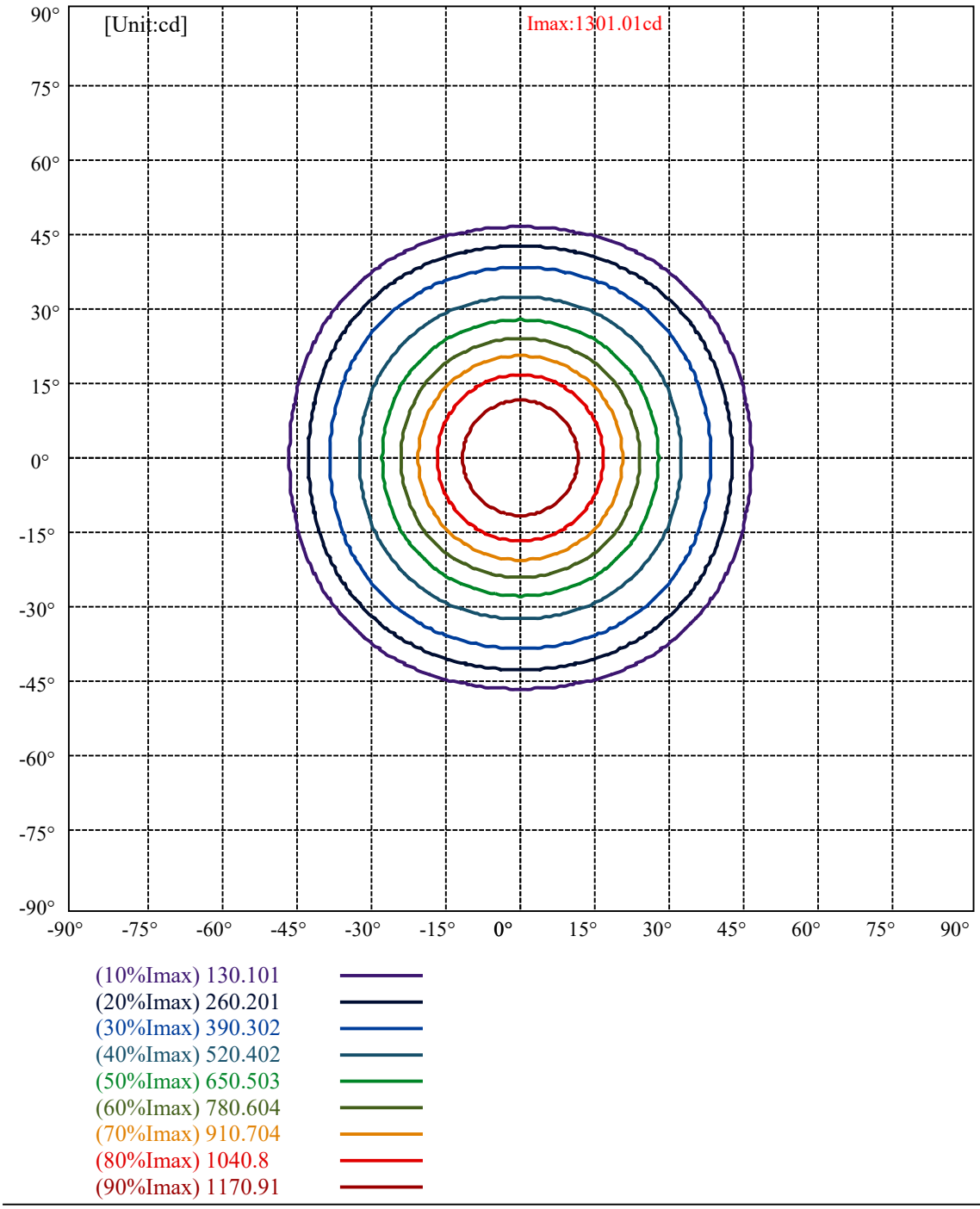
Lux distance Curve



Max , Ave

Beam angle of C0 plane 54.98

ISO-Intensity(V-H)



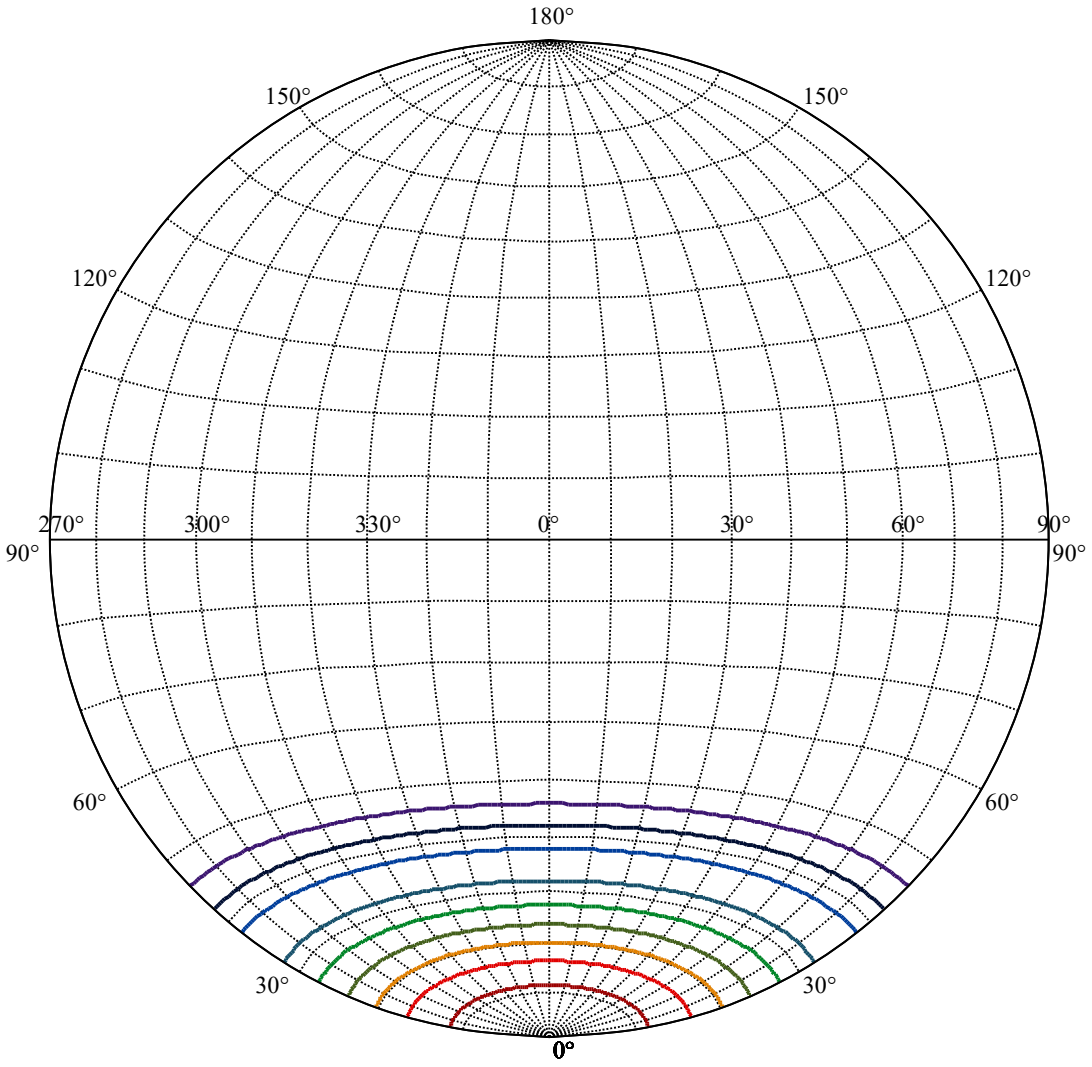
(10%Imax) 130.101
(20%Imax) 260.201
(30%Imax) 390.302
(40%Imax) 520.402
(50%Imax) 650.503
(60%Imax) 780.604
(70%Imax) 910.704
(80%Imax) 1040.8
(90%Imax) 1170.91

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/11/24
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

ISO candela diagram on circular web



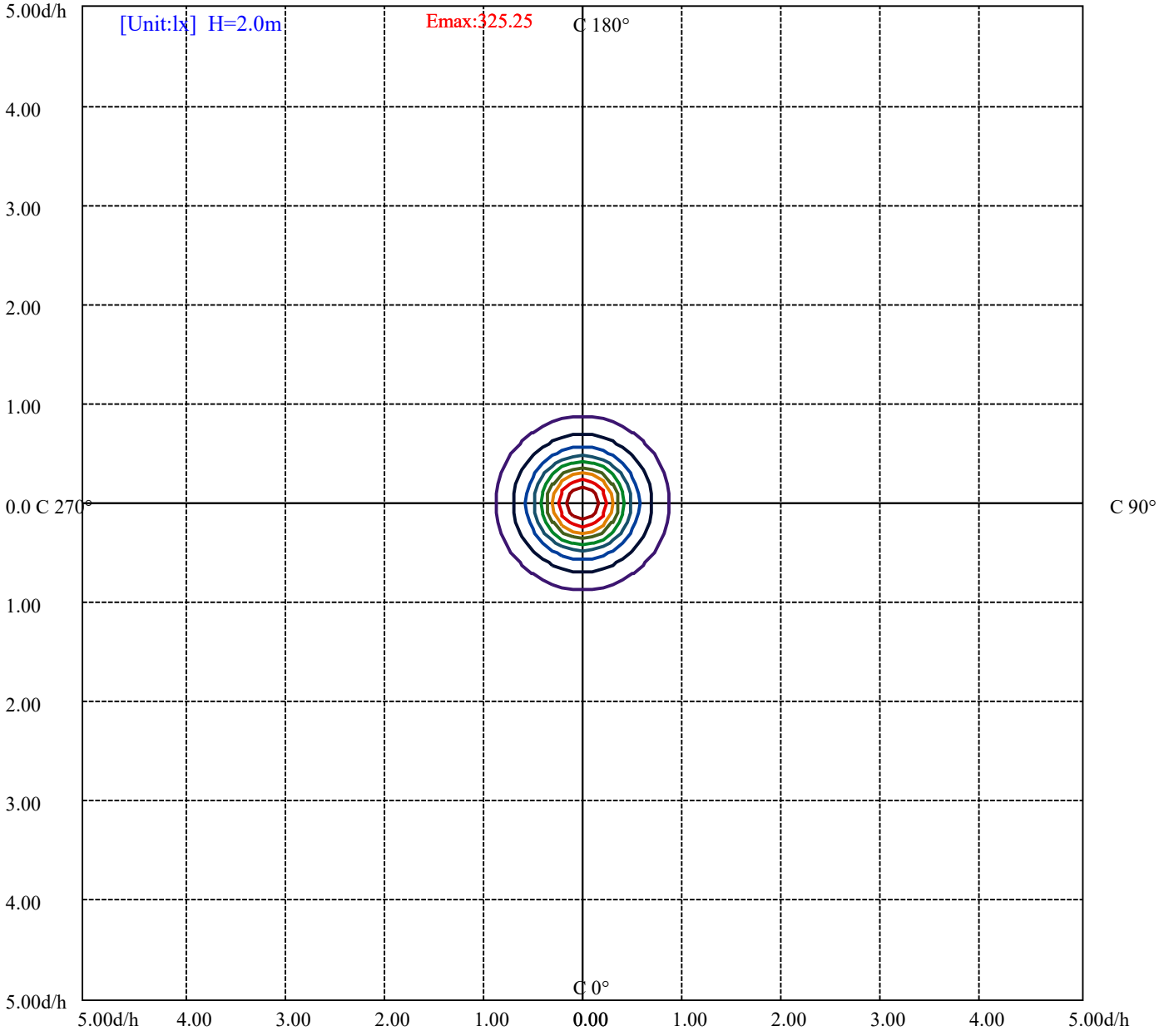
House [Unit:cd] Road

Imax:1301.01

(10%Imax) 130.101
(20%Imax) 260.201
(30%Imax) 390.302
(40%Imax) 520.402
(50%Imax) 650.503
(60%Imax) 780.604
(70%Imax) 910.704
(80%Imax) 1040.8
(90%Imax) 1170.91

NT NT 1-1757-LM

ISO illuminance diagram



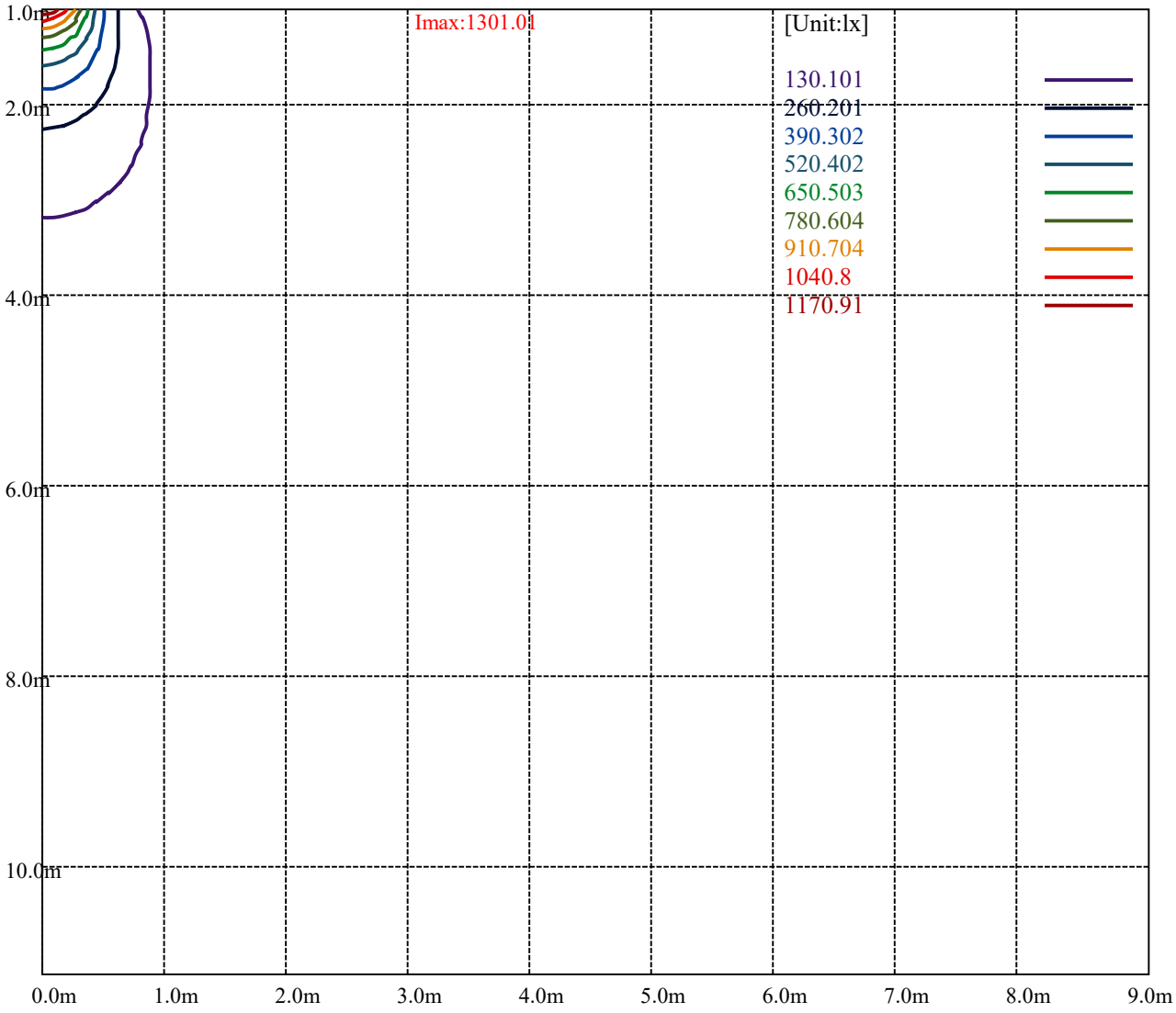
(10%Emax) 32.52525
(20%Emax) 65.05025
(30%Emax) 97.5755
(40%Emax) 130.1005
(50%Emax) 162.6257
(60%Emax) 195.151
(70%Emax) 227.676
(80%Emax) 260.2
(90%Emax) 292.7275

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/11/24
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/11/24
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

NT NT 1-1757-LM

Luminance Limitting Curve(no luminous side)

Luminance Table

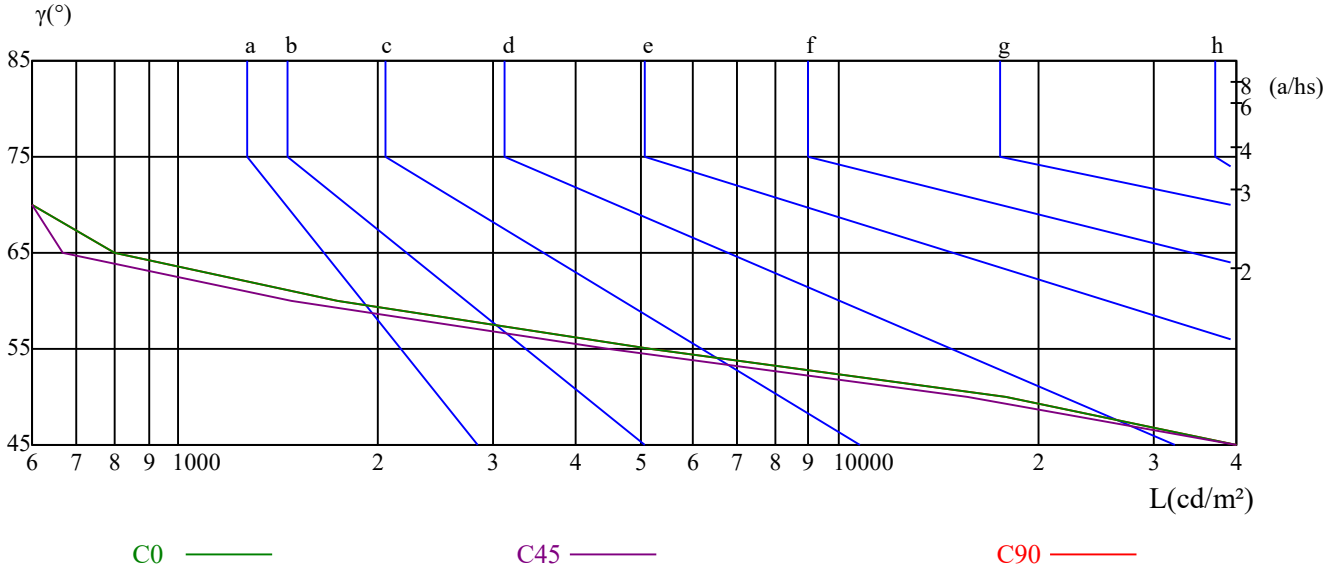
γ	45	50	55	60	65	70	75	80	85
C0	80627	17871	5185	1737	802	489	318	200	103
C45	71798	15695	4486	1478	670	400	253	155	76
C90	80627	17871	5185	1737	802	489	318	200	103

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1528	1528	1528	818	818	818	598	598	598

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

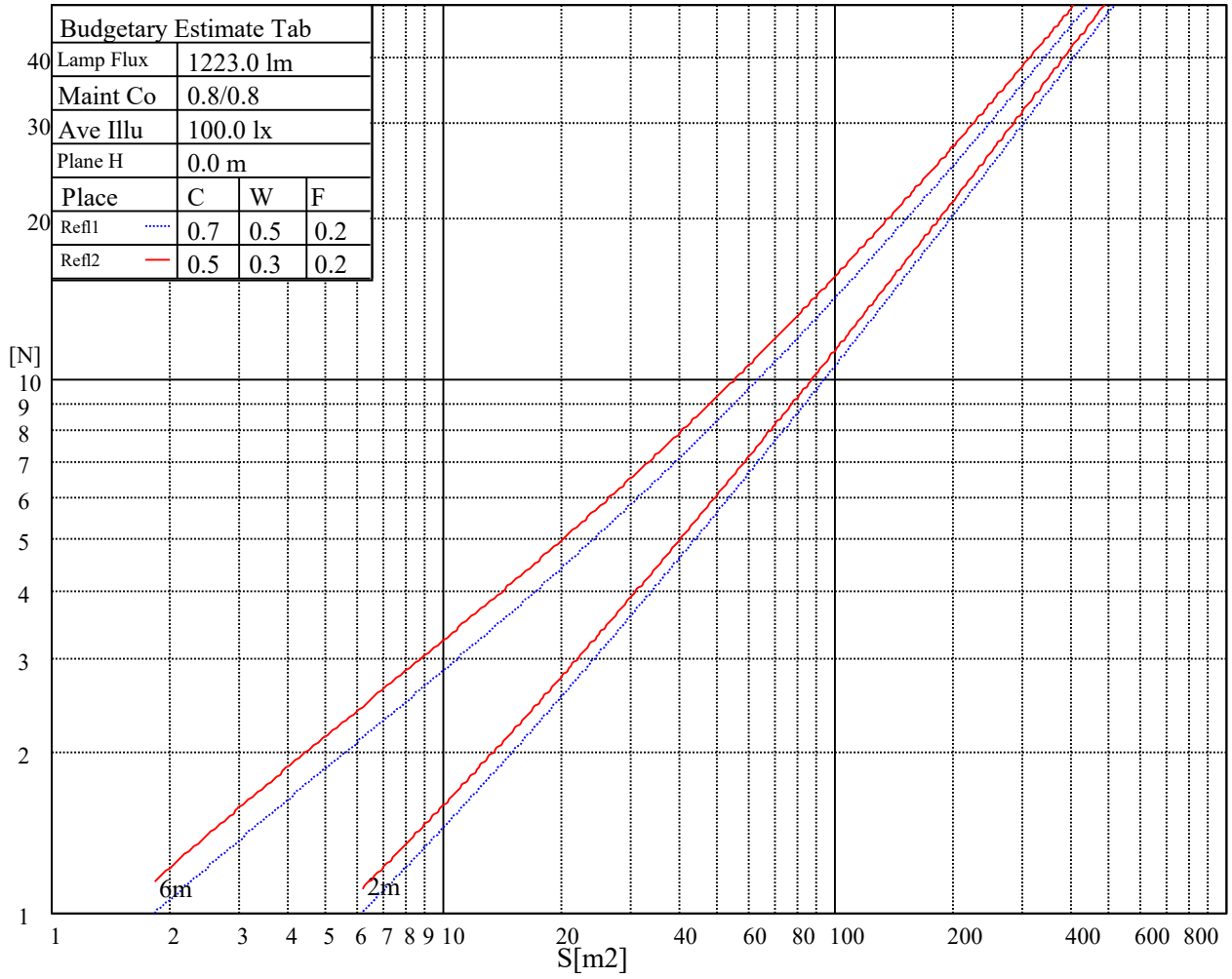
Date: 2025/11/24
Humidity(%): 60.0%

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	22.01	23.05	22.38	23.36	23.68	21.61	22.64	21.97	22.96	23.27
	3H	21.82	22.73	22.21	23.07	23.42	21.41	22.33	21.80	22.67	23.01
	4H	21.72	22.56	22.12	22.92	23.29	21.31	22.16	21.71	22.51	22.88
	6H	21.63	22.41	22.05	22.78	23.18	21.23	22.00	21.65	22.38	22.77
	8H	21.56	22.30	21.98	22.68	23.09	21.15	21.89	21.57	22.27	22.68
	12H	21.49	22.19	21.91	22.58	23.00	21.08	21.78	21.51	22.18	22.59
4H	2H	21.72	22.56	22.12	22.92	23.29	21.32	22.16	21.72	22.51	22.88
	3H	21.49	22.19	21.91	22.58	23.00	21.08	21.78	21.51	22.18	22.59
	4H	21.42	22.02	21.85	22.44	22.89	21.01	21.61	21.45	22.04	22.48
	6H	21.27	21.80	21.75	22.26	22.71	20.87	21.40	21.34	21.85	22.30
	8H	21.21	21.70	21.70	22.16	22.64	20.81	21.30	21.29	21.76	22.23
	12H	21.16	21.61	21.65	22.07	22.59	20.76	21.21	21.25	21.66	22.18
8H	4H	21.21	21.70	21.70	22.16	22.64	20.81	21.30	21.29	21.76	22.23
	6H	21.06	21.46	21.56	21.94	22.45	20.65	21.05	21.15	21.53	22.04
	8H	21.04	21.38	21.57	21.90	22.40	20.63	20.97	21.16	21.49	21.99
	12H	20.98	21.25	21.52	21.76	22.28	20.57	20.84	21.11	21.36	21.88
12H	4H	21.16	21.61	21.65	22.07	22.59	20.76	21.21	21.25	21.66	22.18
	6H	21.04	21.38	21.57	21.90	22.40	20.63	20.97	21.16	21.49	21.99
	8H	20.98	21.25	21.52	21.76	22.28	20.57	20.84	21.11	21.36	21.88
Variation with the observer position at spacings:											
S = 1.0H		3.2/-16.6					3.2/-16.6				
S = 1.5H		5.6/-23.6					5.6/-23.6				
S = 2.0H		7.6/-25.4					7.6/-25.4				
Standard tables:		BK0					BK0				
Uncorrected UGR		3.8					3.8				

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

Budgetary Estimate Table



Equipment: GMS 1800	Date: 2025/11/24	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	1.15	1.15	1.15	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	1.07	1.04	1.02	1.05	1.03	1.01	1.01	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.90
2	0.99	0.95	0.92	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.83
3	0.92	0.87	0.83	0.91	0.86	0.83	0.88	0.84	0.81	0.86	0.83	0.80	0.84	0.81	0.79	0.77
4	0.86	0.80	0.76	0.85	0.79	0.75	0.82	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.71
5	0.80	0.74	0.70	0.79	0.74	0.69	0.77	0.72	0.69	0.76	0.71	0.68	0.74	0.70	0.68	0.66
6	0.75	0.69	0.64	0.74	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.63	0.70	0.66	0.63	0.61
7	0.70	0.64	0.60	0.69	0.64	0.59	0.68	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.57
8	0.66	0.60	0.56	0.65	0.59	0.55	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.53
9	0.62	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.59	0.55	0.51	0.59	0.54	0.51	0.50
10	0.58	0.52	0.49	0.58	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.48	0.55	0.51	0.48	0.47

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	1301.57	1295.38	1288.07	1278.51	1265.01	1257.13	1242.51	1225.63	1207.63
45.0	1304.38	1301.57	1294.26	1283.01	1276.82	1262.76	1249.26	1233.51	1215.51
90.0	1297.07	1293.13	1285.26	1275.13	1262.76	1245.88	1236.32	1218.88	1199.19
135.0	1301.01	1299.88	1297.63	1293.13	1285.26	1276.82	1266.13	1258.82	1241.94
180.0	1301.57	1304.38	1306.07	1304.94	1303.26	1298.19	1292.01	1283.01	1271.76
225.0	1304.38	1307.19	1307.19	1306.07	1301.57	1298.76	1292.01	1281.88	1270.63
270.0	1297.07	1302.69	1306.07	1306.07	1304.38	1300.44	1295.38	1287.51	1281.88
315.0	1301.01	1298.76	1296.51	1290.88	1283.57	1274.57	1261.07	1253.19	1238.01
360.0	1301.57	1295.38	1288.07	1278.51	1265.01	1257.13	1242.51	1225.63	1207.63

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1182.88	1169.38	1115.16	1115.16	1098.62	1069.82	1039.16	1007.44	967.11
45.0	1204.26	1178.38	1155.32	1131.13	1104.69	1087.82	1052.94	1010.19	990.51
90.0	1173.32	1118.36	1107.23	1107.23	1072.52	1054.24	1022.91	970.26	949.61
135.0	1225.07	1205.94	1185.13	1172.19	1142.94	1105.82	1088.94	1052.94	1021.44
180.0	1264.44	1247.01	1222.26	1210.44	1189.07	1160.94	1135.63	1108.07	1090.63
225.0	1253.19	1243.63	1226.19	1193.01	1179.51	1177.82	1112.06	1106.16	1076.12
270.0	1268.38	1254.32	1238.01	1220.01	1207.63	1181.76	1157.01	1131.69	1097.38
315.0	1221.13	1202.57	1176.69	1163.19	1107.45	1107.45	1090.58	1061.10	1029.66
360.0	1182.88	1169.38	1115.16	1115.16	1098.62	1069.82	1039.16	1007.44	967.11

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	946.13	894.04	846.79	822.99	783.51	745.26	709.37	669.32	650.64
45.0	950.01	914.57	877.44	838.07	813.88	765.51	726.69	689.57	655.82
90.0	913.56	875.36	835.43	786.94	763.20	724.73	688.73	654.86	617.06
135.0	988.26	952.82	931.44	885.88	846.51	806.57	767.19	744.69	702.51
180.0	1053.51	1021.44	987.13	951.13	928.07	880.82	823.44	798.69	750.32
225.0	1057.05	1010.53	967.89	945.23	905.18	862.99	819.11	767.25	741.99
270.0	1067.57	1036.07	1002.88	982.07	937.63	898.82	858.32	814.44	789.13
315.0	996.64	954.84	918.17	879.81	831.49	806.96	767.64	731.03	696.66
360.0	946.13	894.04	846.79	822.99	783.51	745.26	709.37	669.32	650.64

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	620.89	593.04	567.00	537.58	523.74	501.58	467.78	455.85	435.43
45.0	636.13	586.63	558.51	542.19	510.69	486.51	463.44	442.07	430.26
90.0	599.34	570.94	544.11	513.90	490.39	468.23	447.36	423.90	411.30
135.0	669.88	639.51	605.19	579.88	556.26	533.76	520.26	494.94	475.26
180.0	713.76	679.44	646.82	627.69	592.82	565.82	541.07	517.44	503.94
225.0	701.27	663.02	626.74	586.35	567.34	525.71	493.54	478.63	455.51
270.0	739.63	685.63	664.26	629.94	591.69	562.44	535.44	519.13	489.88
315.0	658.18	640.13	612.11	571.78	562.22	534.54	513.00	492.30	468.34
360.0	620.89	593.04	567.00	537.58	523.74	501.58	467.78	455.85	435.43

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	421.54	383.01	344.03	323.49	287.49	251.66	216.00	173.93	153.23
45.0	406.07	381.88	354.32	324.51	305.38	305.38	220.22	198.73	156.49
90.0	387.28	358.37	326.19	285.64	264.26	214.59	172.35	158.57	118.29
135.0	456.13	436.44	422.38	375.13	342.51	321.69	285.13	285.13	211.44
180.0	482.01	457.82	431.38	417.88	385.82	353.76	320.01	284.57	284.57
225.0	434.08	414.68	391.16	377.33	351.17	322.59	289.97	248.79	212.68
270.0	467.38	446.01	426.88	415.63	378.51	349.26	330.69	290.76	290.76
315.0	456.98	435.38	409.05	378.11	339.02	318.32	281.64	245.76	208.52
360.0	421.54	383.01	344.03	323.49	287.49	251.66	216.00	173.93	153.23

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	119.59	88.93	56.64	35.66	23.01	17.27	14.40	13.05	11.19
45.0	122.46	91.13	58.22	49.22	22.05	13.39	11.53	9.68	8.27
90.0	87.97	60.47	34.43	25.37	15.47	11.98	10.29	8.49	7.76
135.0	175.89	135.51	103.28	75.32	60.36	36.45	25.03	20.42	17.55
180.0	211.39	176.91	155.64	115.88	85.61	58.56	37.46	28.91	18.68
225.0	177.41	136.24	116.04	85.44	58.33	37.52	19.35	13.84	10.07
270.0	252.68	191.70	170.94	117.34	87.08	69.98	40.78	23.91	14.40
315.0	166.16	145.69	100.58	67.61	53.21	34.59	23.57	19.63	16.43
360.0	119.59	88.93	56.64	35.66	23.01	17.27	14.40	13.05	11.19

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.68	8.27	6.75	5.63	3.09	2.53	2.42	2.03	1.74
45.0	7.20	6.30	5.79	4.73	2.31	1.74	1.52	1.29	1.18
90.0	6.75	5.23	4.50	2.19	1.86	1.63	1.35	1.29	1.13
135.0	15.98	13.44	11.03	10.01	8.21	6.30	4.27	3.71	3.38
180.0	15.86	13.28	11.36	10.24	8.49	6.36	4.89	3.38	2.87
225.0	7.82	7.37	6.08	5.57	4.28	2.08	1.58	1.41	1.18
270.0	11.36	10.29	8.49	7.26	6.19	5.06	4.56	2.08	1.63
315.0	15.02	13.05	11.31	9.68	7.37	4.44	3.77	3.15	2.87
360.0	9.68	8.27	6.75	5.63	3.09	2.53	2.42	2.03	1.74

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1.52	1.29	1.18	1.07	0.96	0.79	0.73	0.68	0.68
45.0	1.01	0.96	0.84	0.79	0.73	0.62	0.62	0.56	0.51
90.0	1.01	0.90	0.79	0.73	0.62	0.62	0.56	0.51	0.45
135.0	2.81	2.42	2.03	1.80	1.63	1.41	1.24	1.07	0.96
180.0	2.42	2.14	1.86	1.63	1.35	1.13	1.07	0.90	0.79
225.0	1.07	0.96	0.90	0.73	0.68	0.68	0.62	0.56	0.51
270.0	1.52	1.35	1.13	1.01	0.84	0.84	0.73	0.68	0.56
315.0	2.42	2.03	1.74	1.46	1.41	1.24	1.01	0.90	0.79
360.0	1.52	1.29	1.18	1.07	0.96	0.79	0.73	0.68	0.68

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.56	0.45	0.51	0.39	0.34	0.34	0.28	0.23	0.23
45.0	0.51	0.45	0.34	0.34	0.28	0.28	0.23	0.23	0.23
90.0	0.39	0.34	0.34	0.34	0.23	0.23	0.23	0.23	0.17
135.0	0.84	0.79	0.62	0.56	0.51	0.51	0.34	0.34	0.28
180.0	0.73	0.68	0.62	0.51	0.39	0.45	0.39	0.34	0.28
225.0	0.51	0.45	0.39	0.34	0.34	0.34	0.28	0.28	0.23
270.0	0.62	0.56	0.45	0.45	0.39	0.34	0.34	0.28	0.23
315.0	0.68	0.62	0.51	0.51	0.45	0.34	0.34	0.28	0.28
360.0	0.56	0.45	0.51	0.39	0.34	0.34	0.28	0.23	0.23

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.17	0.23	0.17	0.11	0.11	0.11	0.06	0.00	0.00
45.0	0.17	0.17	0.11	0.11	0.06	0.06	0.00	0.00	0.00
90.0	0.17	0.11	0.06	0.17	0.06	0.06	0.06	0.06	0.11
135.0	0.28	0.17	0.17	0.17	0.11	0.11	0.06	0.00	0.00
180.0	0.23	0.23	0.23	0.17	0.17	0.11	0.11	0.11	0.06
225.0	0.23	0.23	0.17	0.11	0.06	0.06	0.11	0.06	0.00
270.0	0.28	0.23	0.17	0.11	0.17	0.11	0.11	0.11	0.11
315.0	0.17	0.17	0.11	0.17	0.11	0.06	0.11	0.06	0.00
360.0	0.17	0.23	0.17	0.11	0.11	0.11	0.06	0.00	0.00

Intensity data(cd)

C/γ(°)	90.0
0.0	0.00
45.0	0.00
90.0	0.06
135.0	0.06
180.0	0.00
225.0	0.00
270.0	0.00
315.0	0.00
360.0	0.00