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

Nata

Client: NT
LumCAT: 1-1725-LM
Luminaire: 92.70.481.00 LED HOLDER
Report No: 20251127-B004
Ballast type: DC

Test No: 20251127-C004	Voltage(V): 34.540
LampCAT: PHILIPS SLM 1203 L09 1313	Current(A): 0.218
Lamp flux(lm): 1301.0	Power (W): 7.529
Number of Lamps: 1	PF: 0.000
Length(mm): 50	Width(mm): 50
Phm Type: C	Height(mm): 22

Photometric Results

Lumens(lm): 1262.25, Efficiency(%): 97.02% , Luminous Efficacy(lm/W): 167.65
Central intensity(cd): 3284.426, Maximum intensity(cd): 3284.426
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=25.2
[C90/270]Total=25.2
Field angle(10%Imax): [C0/180]Total=76.8
[C90/270]Total=76.8
Maximum s/h(1/2): C0_180=0.42 C90_270=0.42
Maximum s/h(1/4): C0_180=0.47 C90_270=0.47
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 97.02%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.061%

Equipment: GMS1980	Date: 2025/11/27	Operator: YZQ
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 9.28

NT Nata 1-1725-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	3284.427	0.000	0	0.00%	0.00%
1.0	3271.509	3.137	3.137	0.24%	0.25%
2.0	3228.557	9.330	12.466	0.72%	0.99%
3.0	3156.003	15.270	27.736	1.17%	2.20%
4.0	3058.258	20.801	48.537	1.60%	3.85%
5.0	2945.443	25.828	74.365	1.99%	5.89%
6.0	2795.059	30.168	104.533	2.32%	8.28%
7.0	2635.740	33.709	138.242	2.59%	10.95%
8.0	2460.381	36.472	174.714	2.80%	13.84%
9.0	2255.204	38.217	212.931	2.94%	16.87%
10.0	2067.283	39.117	252.048	3.01%	19.97%
11.0	1888.103	39.522	291.57	3.04%	23.10%
12.0	1721.098	39.454	331.024	3.03%	26.22%
13.0	1595.666	39.362	370.386	3.03%	29.34%
14.0	1446.542	38.940	409.326	2.99%	32.43%
15.0	1310.711	37.853	447.178	2.91%	35.43%
16.0	1190.985	36.657	483.835	2.82%	38.33%
17.0	1081.195	35.384	519.219	2.72%	41.13%
18.0	991.460	34.174	553.393	2.63%	43.84%
19.0	906.913	33.028	586.42	2.54%	46.46%
20.0	831.775	31.823	618.243	2.45%	48.98%
21.0	773.246	30.820	649.063	2.37%	51.42%
22.0	718.852	29.984	679.047	2.30%	53.80%
23.0	674.641	29.239	708.287	2.25%	56.11%
24.0	633.282	28.596	736.882	2.20%	58.38%
25.0	598.997	28.019	764.902	2.15%	60.60%
26.0	569.372	27.579	792.481	2.12%	62.78%
27.0	542.955	27.213	819.695	2.09%	64.94%
28.0	521.221	26.943	846.637	2.07%	67.07%
29.0	500.133	26.721	873.359	2.05%	69.19%
30.0	483.340	26.554	899.912	2.04%	71.29%
31.0	466.546	26.434	926.346	2.03%	73.39%
32.0	451.497	26.301	952.647	2.02%	75.47%
33.0	440.409	26.276	978.923	2.02%	77.55%
34.0	422.389	26.111	1005.034	2.01%	79.62%
35.0	405.693	25.717	1030.751	1.98%	81.66%
36.0	389.234	25.311	1056.062	1.95%	83.67%
37.0	367.241	24.672	1080.734	1.90%	85.62%

NT Nata 1-1725-LM

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	338.973	23.572	1104.306	1.81%	87.49%
39.0	309.466	22.133	1126.439	1.70%	89.24%
40.0	279.164	20.529	1146.968	1.58%	90.87%
41.0	243.252	18.603	1165.571	1.43%	92.34%
42.0	210.710	16.493	1182.065	1.27%	93.65%
43.0	177.748	14.390	1196.454	1.11%	94.79%
44.0	143.495	12.125	1208.579	0.93%	95.75%
45.0	110.651	9.767	1218.346	0.75%	96.52%
46.0	83.007	7.574	1225.92	0.58%	97.12%
47.0	59.077	5.651	1231.571	0.43%	97.57%
48.0	39.905	4.001	1235.572	0.31%	97.89%
49.0	27.407	2.764	1238.336	0.21%	98.11%
50.0	21.228	2.028	1240.364	0.16%	98.27%
51.0	17.600	1.643	1242.007	0.13%	98.40%
52.0	15.469	1.419	1243.426	0.11%	98.51%
53.0	13.456	1.258	1244.684	0.10%	98.61%
54.0	11.734	1.110	1245.794	0.09%	98.70%
55.0	10.280	0.983	1246.777	0.08%	98.77%
56.0	8.989	0.871	1247.648	0.07%	98.84%
57.0	8.009	0.777	1248.425	0.06%	98.90%
58.0	7.277	0.707	1249.132	0.05%	98.96%
59.0	6.717	0.654	1249.786	0.05%	99.01%
60.0	6.233	0.612	1250.398	0.05%	99.06%
61.0	5.802	0.574	1250.972	0.04%	99.11%
62.0	5.447	0.542	1251.514	0.04%	99.15%
63.0	5.135	0.515	1252.029	0.04%	99.19%
64.0	4.887	0.492	1252.521	0.04%	99.23%
65.0	4.683	0.474	1252.994	0.04%	99.27%
66.0	4.543	0.460	1253.454	0.04%	99.30%
67.0	4.457	0.453	1253.907	0.03%	99.34%
68.0	4.349	0.446	1254.353	0.03%	99.37%
69.0	4.284	0.440	1254.793	0.03%	99.41%
70.0	4.188	0.435	1255.229	0.03%	99.44%
71.0	4.112	0.429	1255.658	0.03%	99.48%
72.0	4.026	0.423	1256.081	0.03%	99.51%
73.0	3.886	0.414	1256.494	0.03%	99.54%
74.0	3.778	0.403	1256.897	0.03%	99.58%
75.0	3.649	0.392	1257.29	0.03%	99.61%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.552	0.382	1257.672	0.03%	99.64%
77.0	3.456	0.374	1258.046	0.03%	99.67%
78.0	3.402	0.367	1258.413	0.03%	99.70%
79.0	3.348	0.363	1258.775	0.03%	99.72%
80.0	3.283	0.357	1259.133	0.03%	99.75%
81.0	3.229	0.352	1259.485	0.03%	99.78%
82.0	3.165	0.347	1259.832	0.03%	99.81%
83.0	3.046	0.338	1260.17	0.03%	99.84%
84.0	2.960	0.327	1260.497	0.03%	99.86%
85.0	2.853	0.317	1260.814	0.02%	99.89%
86.0	2.767	0.307	1261.121	0.02%	99.91%
87.0	2.648	0.296	1261.418	0.02%	99.93%
88.0	2.551	0.285	1261.702	0.02%	99.96%
89.0	2.487	0.276	1261.979	0.02%	99.98%
90.0	2.454	0.271	1262.249	0.02%	100.00%

Zonal flux distribution table

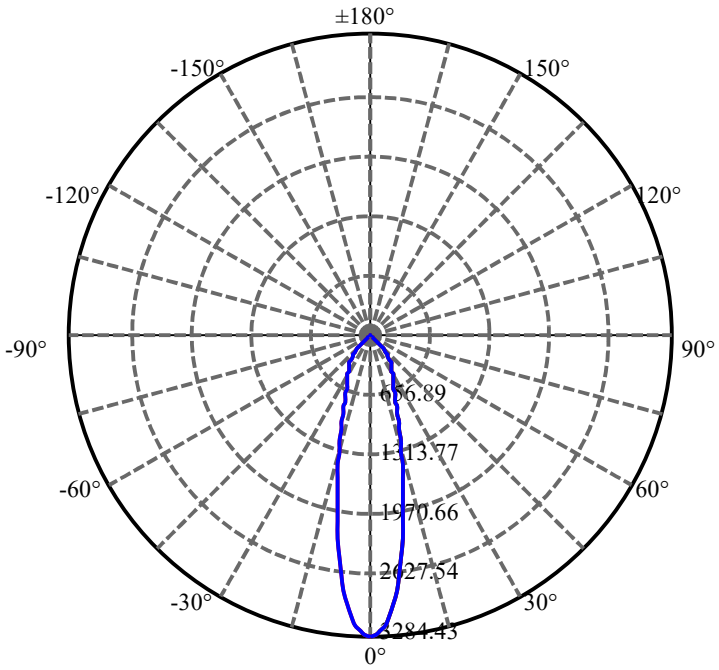
ZONAL LUMEN SUMMARY

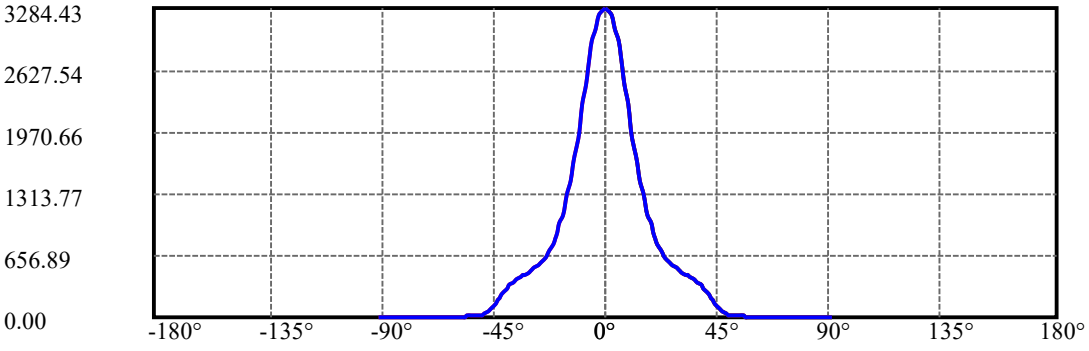
Zone	Lumens	%Lamp	%Fixt
0-30	899.91	69.17%	71.29%
0-40	1146.97	88.16%	90.87%
0-60	1250.40	96.11%	99.06%
0-90	1261.98	97.00%	99.98%
0-120	1261.98	97.00%	99.98%
0-180	1262.25	97.02%	100.00%
60-90	11.58	0.89%	0.92%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-34.19	1009.80	77.62%	80.00%

ZONAL LUMEN SUMMARY

0-10	252.05
10-20	366.20
20-30	281.67
30-40	247.06
40-50	93.40
50-60	10.03
60-70	4.83
70-80	3.90
80-90	2.85
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):

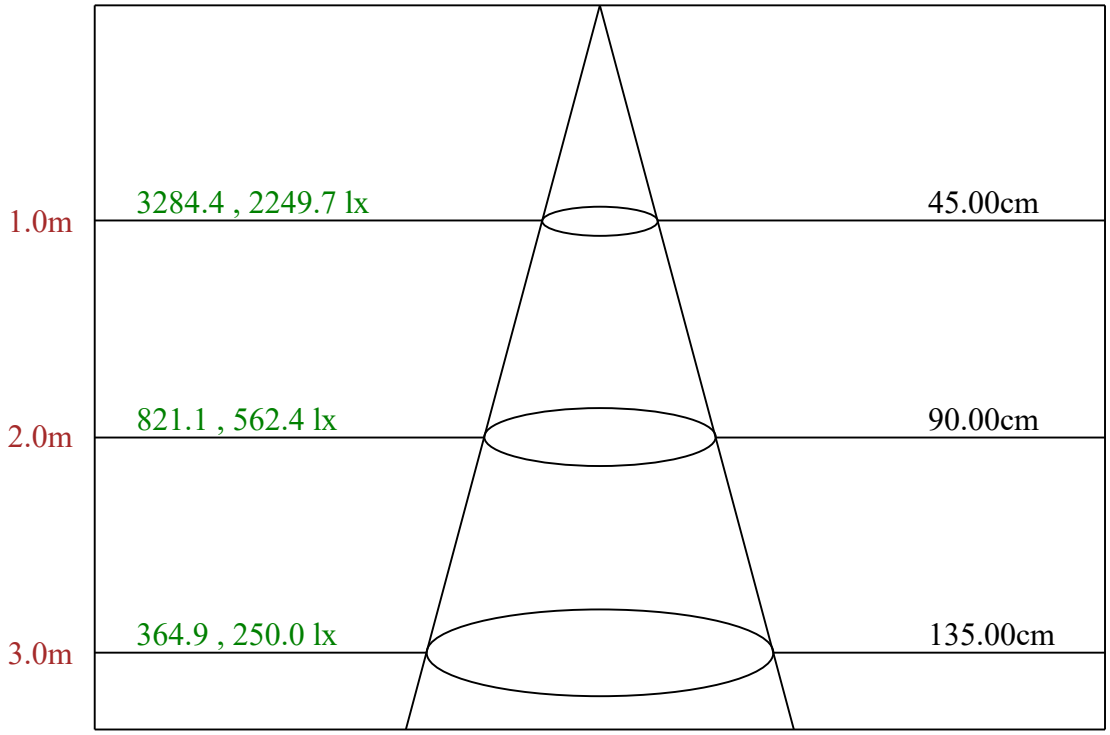
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:38.4 Right:38.4
:C90/270Left:38.4 Right:38.4

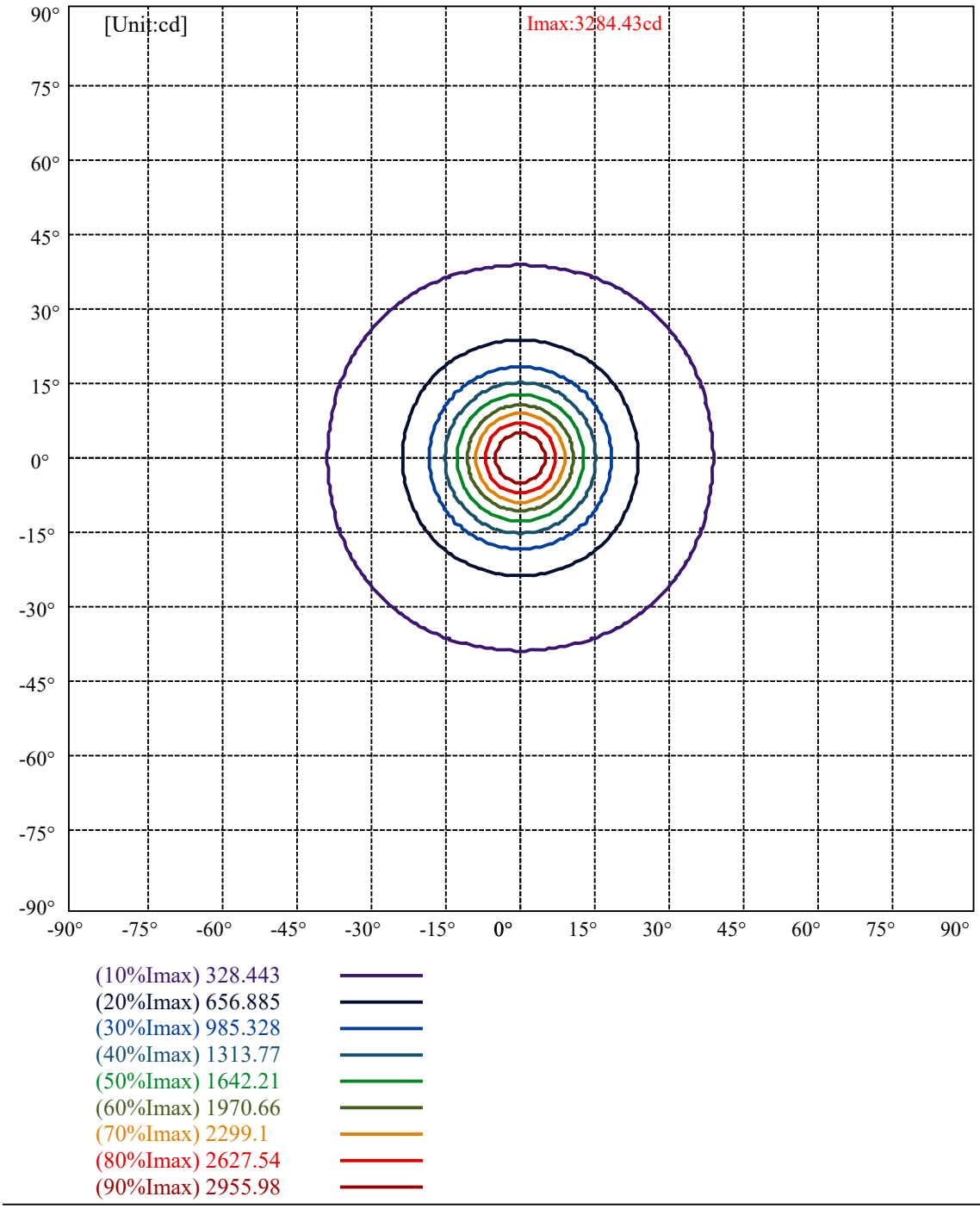
Beam Angle(50%Imax):C0/180Left:12.6 Right:12.6
:C90/270Left:12.6 Right:12.6

Lux distance Curve



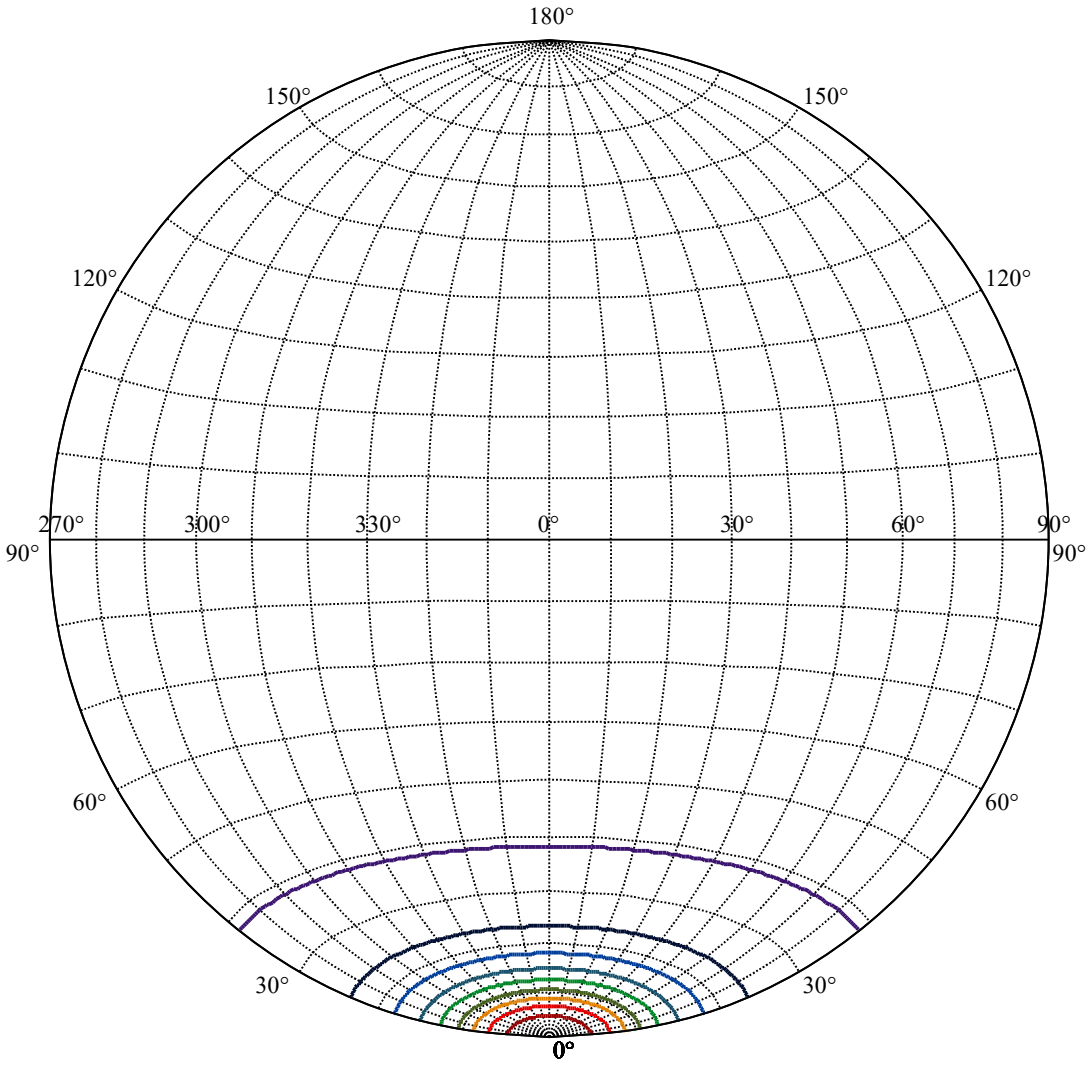
Max , Ave

Beam angle of C0 plane 25.36



Equipment: GMS1980
Temperature(°C): 25.0
Date: 2025/11/27
Humidity(%): 60.0%
Operator: YZQ
Distance(m): 9.28

ISO candela diagram on circular web



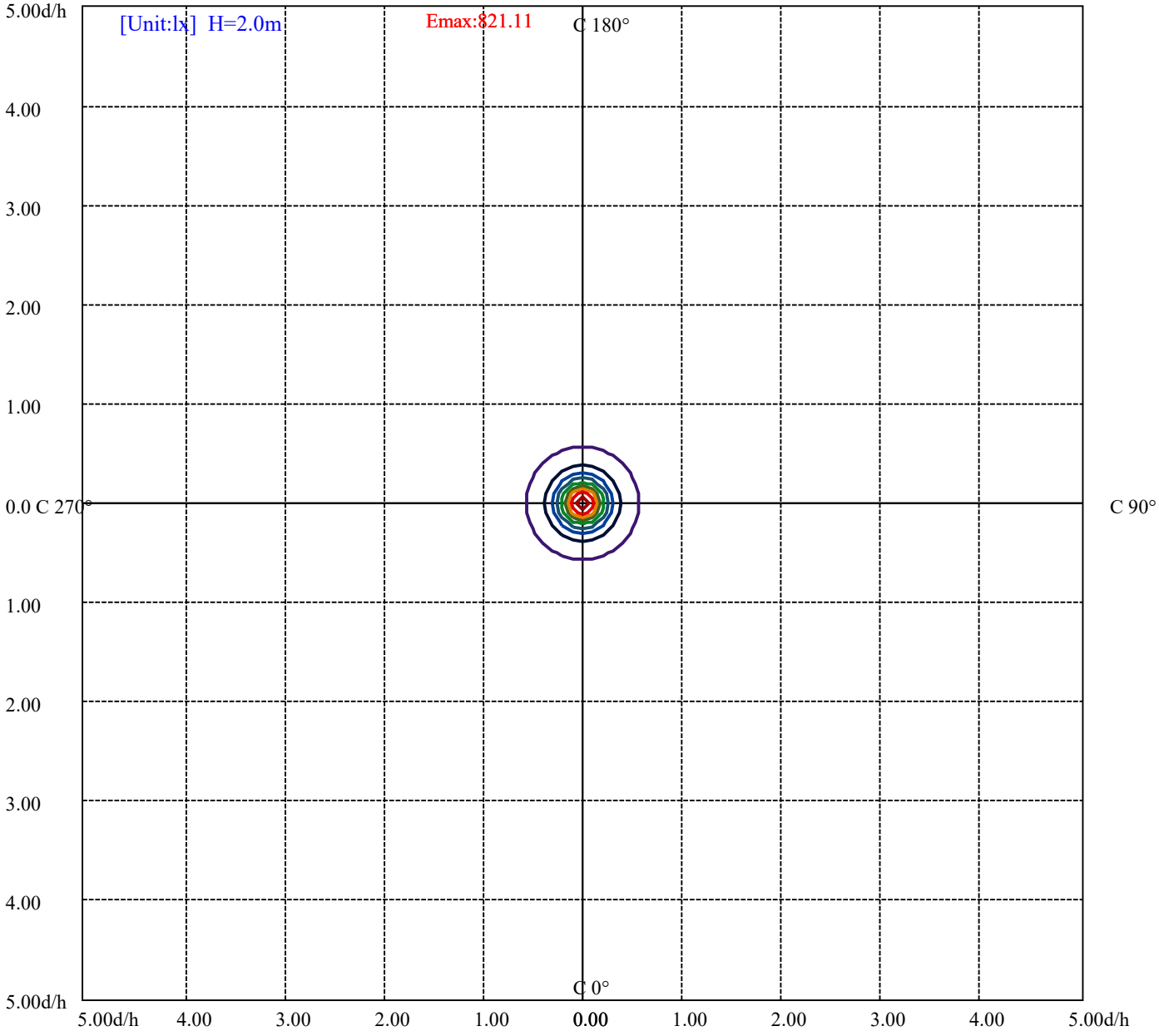
House [Unit:cd] Road

Imax:3284.43

(10%Imax) 328.443
(20%Imax) 656.885
(30%Imax) 985.328
(40%Imax) 1313.77
(50%Imax) 1642.21
(60%Imax) 1970.66
(70%Imax) 2299.1
(80%Imax) 2627.54
(90%Imax) 2955.98

NT Nata 1-1725-LM

ISO illuminance diagram

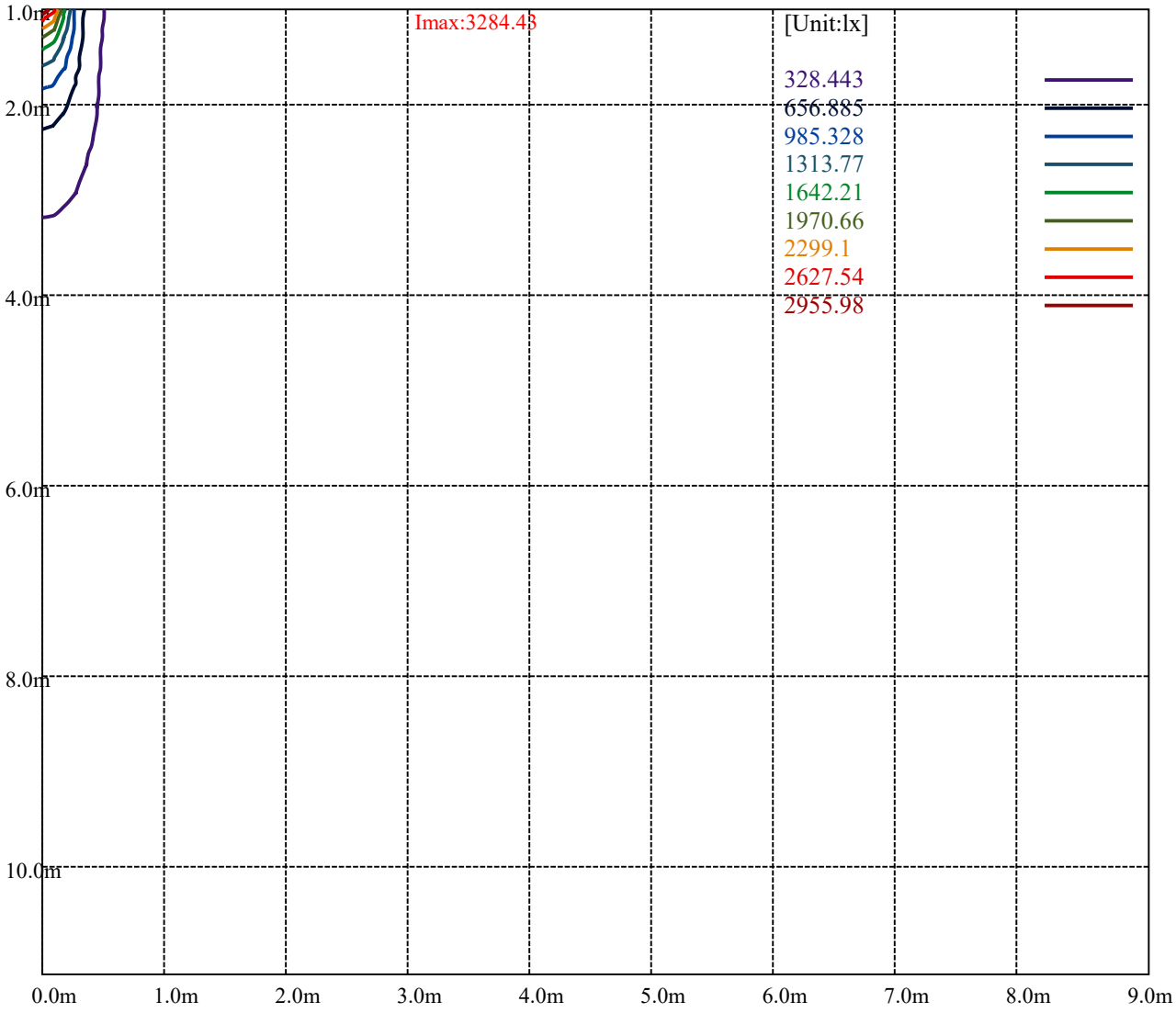


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2025/11/27
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 9.28

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2025/11/27
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 9.28

NT Nata 1-1725-LM

Luminance Limitting Curve(no luminous side)

Luminance Table

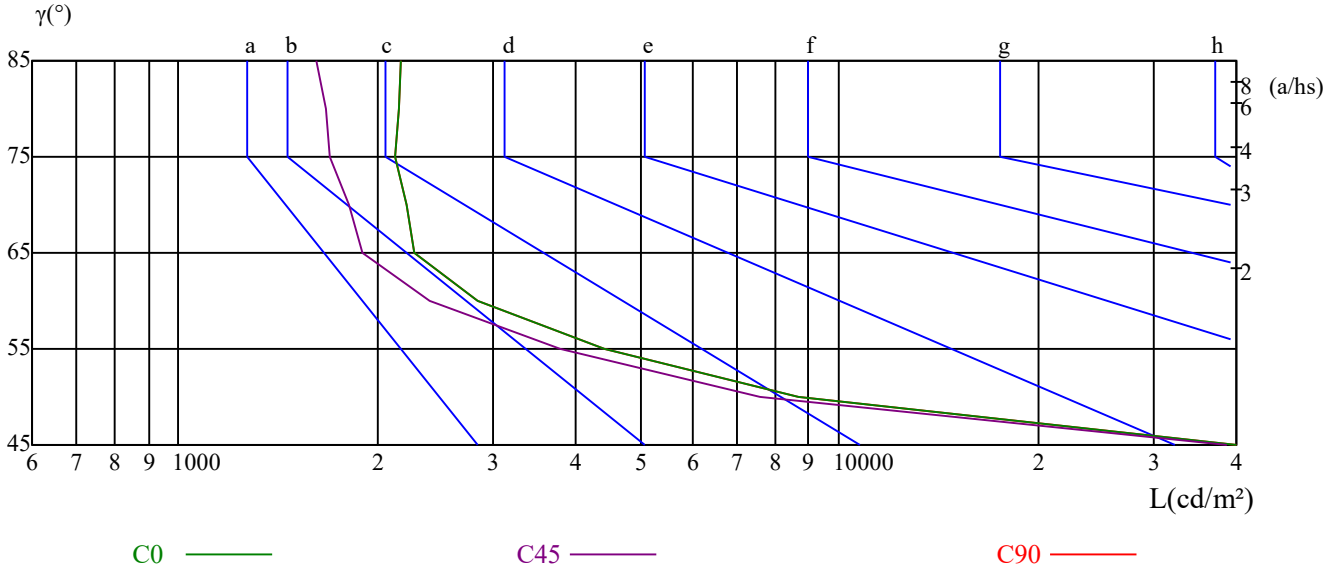
γ	45	50	55	60	65	70	75	80	85
C0	43468	8666	4403	2830	2280	2217	2135	2164	2171
C45	38585	7585	3796	2400	1899	1807	1698	1670	1614
C90	43468	8666	4403	2830	2280	2217	2135	2164	2171

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4432	4432	4432	5640	5640	5640	13092	13092	13092

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: GMS1980
Temperature(°C): 25.0

Date: 2025/11/27
Humidity(%): 60.0%

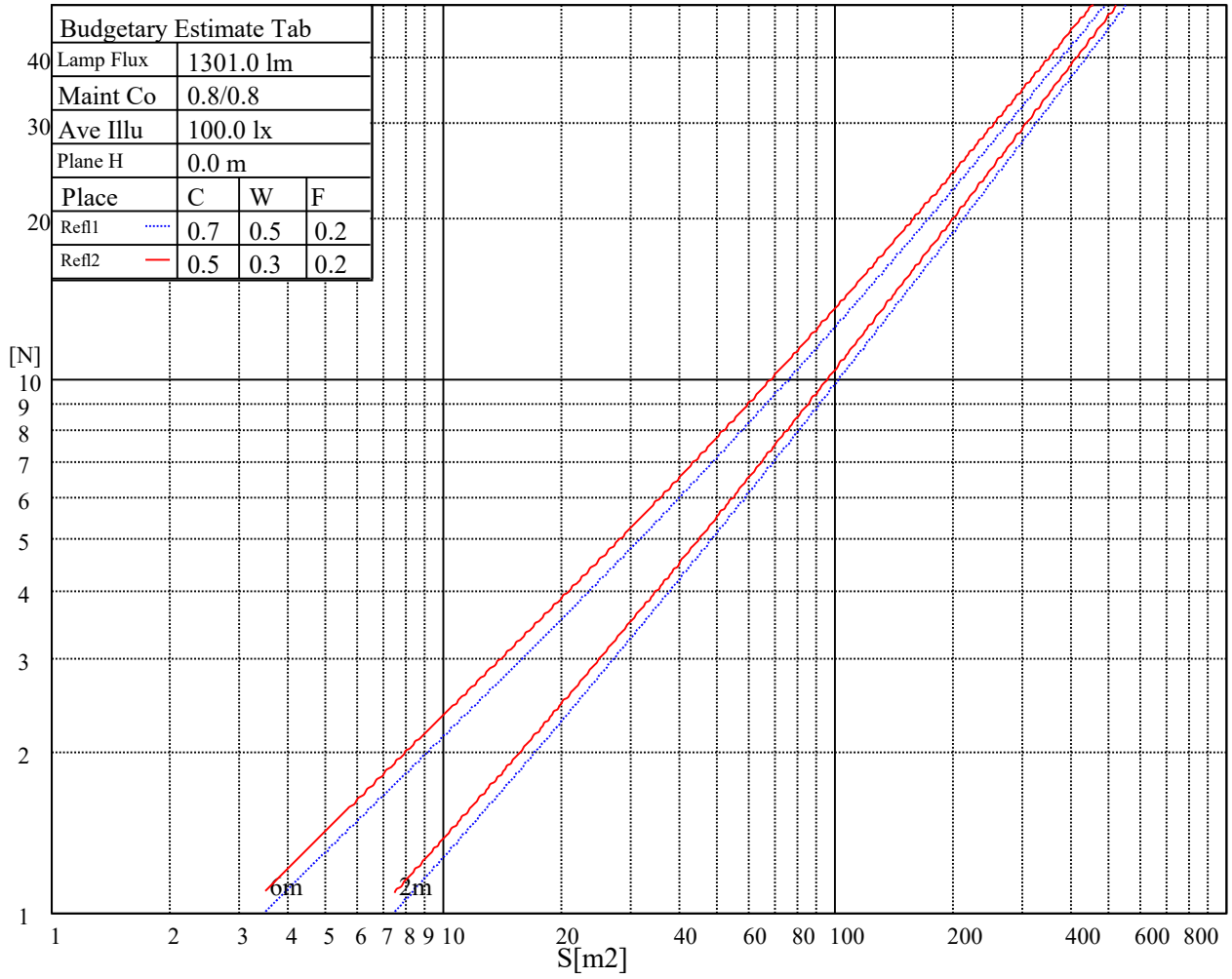
Operator: YZQ
Distance(m): 9.28

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	21.43	22.43	21.79	22.74	23.06	21.12	22.13	21.49	22.44	22.75
	3H	21.24	22.13	21.63	22.47	22.81	20.94	21.83	21.33	22.17	22.51
	4H	21.15	21.97	21.55	22.32	22.69	20.86	21.68	21.26	22.03	22.40
	6H	21.08	21.83	21.49	22.20	22.60	20.79	21.54	21.21	21.92	22.32
	8H	21.01	21.73	21.43	22.11	22.52	20.73	21.45	21.15	21.83	22.24
	12H	20.95	21.63	21.38	22.03	22.44	20.67	21.35	21.10	21.75	22.17
4H	2H	21.13	21.95	21.53	22.31	22.67	20.83	21.65	21.23	22.00	22.37
	3H	20.91	21.59	21.34	21.99	22.41	20.62	21.30	21.04	21.69	22.11
	4H	20.85	21.44	21.29	21.87	22.32	20.57	21.16	21.00	21.58	22.03
	6H	20.74	21.26	21.21	21.71	22.17	20.46	20.98	20.94	21.44	21.89
	8H	20.70	21.18	21.18	21.64	22.11	20.43	20.91	20.91	21.37	21.84
	12H	20.67	21.12	21.16	21.57	22.09	20.41	20.85	20.90	21.30	21.82
8H	4H	20.66	21.15	21.15	21.60	22.08	20.38	20.86	20.86	21.32	21.79
	6H	20.55	20.94	21.05	21.42	21.93	20.27	20.67	20.78	21.15	21.66
	8H	20.56	20.89	21.09	21.42	21.91	20.30	20.63	20.83	21.15	21.65
	12H	20.54	20.80	21.09	21.32	21.84	20.29	20.55	20.83	21.07	21.59
12H	4H	20.61	21.06	21.10	21.51	22.03	20.33	20.77	20.82	21.22	21.74
	6H	20.54	20.87	21.07	21.39	21.89	20.26	20.60	20.80	21.12	21.62
	8H	20.52	20.78	21.06	21.29	21.82	20.25	20.52	20.80	21.03	21.55

Variation with the observer position at spacings:		
S = 1.0H	3.5/-11.8	3.5/-11.8
S = 1.5H	5.9/-11.4	5.9/-11.4
S = 2.0H	7.9/-10.5	7.9/-10.5
Standard tables:	BK0	BK0
Uncorrected UGR	1.6	1.6

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

Budgetary Estimate Table



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2025/11/27
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 9.28

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	1.08	1.05	1.03	1.06	1.04	1.02	1.02	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.91
2	1.01	0.97	0.94	0.99	0.96	0.93	0.96	0.93	0.91	0.93	0.91	0.89	0.90	0.89	0.87	0.85
3	0.94	0.90	0.86	0.93	0.89	0.85	0.91	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.82	0.80
4	0.89	0.84	0.80	0.88	0.83	0.79	0.86	0.82	0.78	0.84	0.80	0.78	0.82	0.79	0.77	0.75
5	0.84	0.78	0.74	0.83	0.78	0.74	0.81	0.77	0.73	0.80	0.76	0.73	0.78	0.75	0.72	0.71
6	0.79	0.74	0.70	0.78	0.73	0.70	0.77	0.72	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.67
7	0.75	0.70	0.66	0.74	0.69	0.66	0.73	0.69	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.63
8	0.71	0.66	0.62	0.71	0.66	0.62	0.70	0.65	0.62	0.69	0.65	0.61	0.68	0.64	0.61	0.60
9	0.68	0.63	0.59	0.67	0.62	0.59	0.67	0.62	0.59	0.66	0.61	0.58	0.65	0.61	0.58	0.57
10	0.65	0.60	0.56	0.64	0.59	0.56	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.54

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	3289.81	3294.11	3260.53	3201.97	3119.29	3013.37	2849.74	2699.90	2534.55
45.0	3275.17	3298.42	3296.70	3258.81	3198.52	3111.54	2998.73	2831.66	2680.95
90.0	3303.59	3294.11	3251.06	3189.91	3107.24	3003.03	2847.16	2710.23	2559.52
135.0	3269.14	3300.14	3299.28	3264.83	3211.44	3135.66	3034.90	2916.06	2745.54
180.0	3289.81	3250.19	3189.91	3103.79	2963.42	2825.63	2665.45	2493.21	2267.58
225.0	3275.17	3226.94	3132.21	3028.87	2868.69	2718.84	2554.36	2330.45	2148.74
270.0	3303.59	3290.67	3255.36	3176.99	3092.60	2988.39	2829.08	2686.98	2496.66
315.0	3269.14	3217.47	3143.41	3022.84	2904.86	2767.07	2581.05	2417.43	2249.50
360.0	3289.81	3294.11	3260.53	3201.97	3119.29	3013.37	2849.74	2699.90	2534.55

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2358.01	2132.38	1691.88	1691.88	1612.48	1428.19	1300.04	1184.47	1058.40
45.0	2518.19	2303.75	2129.79	1955.83	1748.29	1593.28	1450.32	1289.28	1174.74
90.0	2362.31	2200.41	2040.23	1692.05	1692.05	1553.92	1397.53	1282.30	1177.41
135.0	2594.83	2435.51	2229.69	2063.48	1902.44	1748.29	1567.44	1434.82	1283.25
180.0	2080.71	1899.00	1726.76	1526.10	1382.29	1254.83	1115.32	1017.14	931.03
225.0	1712.12	1712.12	1594.14	1448.43	1315.03	1166.99	1062.18	968.75	887.11
270.0	2333.89	2169.41	2006.64	1810.29	1663.03	1526.97	1400.37	1255.69	1150.63
315.0	2081.57	1685.68	1685.68	1580.70	1449.72	1299.87	1192.48	1095.43	987.00
360.0	2358.01	2132.38	1691.88	1691.88	1612.48	1428.19	1300.04	1184.47	1058.40

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	974.09	885.12	824.76	771.02	714.01	673.88	637.71	606.36	573.38
45.0	1072.26	983.56	888.83	825.10	769.98	721.76	670.09	634.78	604.64
90.0	1083.63	979.34	905.45	839.22	766.97	715.90	670.69	631.33	588.79
135.0	1175.60	1079.15	975.81	901.75	838.02	780.32	717.45	674.39	636.50
180.0	841.46	780.32	713.15	670.09	633.06	600.33	572.77	543.49	524.55
225.0	817.52	743.20	692.99	639.00	603.35	572.43	539.79	519.04	499.40
270.0	1054.18	972.36	877.63	813.04	740.70	692.48	648.56	601.19	570.19
315.0	912.94	832.25	775.58	726.75	684.73	640.03	609.20	581.39	557.53
360.0	974.09	885.12	824.76	771.02	714.01	673.88	637.71	606.36	573.38

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	550.73	531.01	513.61	494.75	481.23	468.91	452.81	438.60	425.77
45.0	572.77	551.24	527.99	512.49	497.85	482.35	470.29	454.79	441.01
90.0	560.03	533.50	506.29	486.31	464.95	448.85	432.23	417.16	399.42
135.0	603.78	568.47	542.63	520.24	498.71	484.07	470.29	450.49	435.85
180.0	507.32	493.54	477.18	465.99	454.79	438.43	434.98	418.19	392.70
225.0	477.01	463.06	451.09	440.50	423.96	411.47	401.91	391.75	373.50
270.0	540.91	517.66	489.24	469.43	453.93	437.57	437.57	398.64	386.15
315.0	531.09	511.28	493.03	477.01	456.94	440.32	423.19	409.49	391.15
360.0	550.73	531.01	513.61	494.75	481.23	468.91	452.81	438.60	425.77

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	410.18	392.53	369.53	335.60	305.89	274.37	243.28	201.86	168.88
45.0	434.12	434.12	387.27	363.85	336.55	297.28	266.88	233.55	190.24
90.0	382.71	361.61	337.58	304.60	274.46	244.49	205.74	174.39	143.90
135.0	435.85	402.78	381.76	356.79	330.78	294.18	262.23	230.63	199.11
180.0	372.20	341.03	315.02	285.31	255.25	215.04	181.80	151.22	119.70
225.0	352.05	327.68	295.21	266.54	235.96	196.87	164.57	132.02	95.25
270.0	365.92	344.13	320.10	288.50	260.25	220.72	189.80	159.58	129.01
315.0	360.84	334.05	305.29	274.55	234.16	203.07	171.38	138.74	101.88
360.0	410.18	392.53	369.53	335.60	305.89	274.37	243.28	201.86	168.88

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	138.31	107.22	72.60	49.26	27.90	18.77	15.67	13.52	11.80
45.0	158.29	117.64	88.70	62.78	37.72	26.01	19.20	17.22	14.98
90.0	108.34	81.30	59.94	38.41	28.25	22.65	20.50	17.83	15.85
135.0	157.17	125.99	96.37	63.56	42.54	29.54	21.44	19.46	16.88
180.0	84.83	61.06	40.39	25.15	19.55	17.48	14.98	13.18	11.45
225.0	69.15	47.62	32.29	21.62	19.03	16.88	14.73	12.40	10.59
270.0	94.73	71.56	51.41	36.51	25.40	22.05	19.72	17.65	15.16
315.0	74.41	51.67	30.92	21.96	18.86	16.45	14.55	12.49	10.94
360.0	138.31	107.22	72.60	49.26	27.90	18.77	15.67	13.52	11.80

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	10.25	8.61	7.41	6.63	6.03	5.77	5.43	5.17	4.91
45.0	13.18	11.54	9.99	8.44	7.49	6.80	6.20	5.86	5.51
90.0	14.04	12.40	10.59	9.39	8.53	7.66	7.15	6.54	6.11
135.0	14.90	13.09	11.45	9.73	8.70	8.01	7.49	6.89	6.37
180.0	9.65	8.44	7.58	6.98	6.37	5.94	5.51	5.17	4.74
225.0	8.87	7.84	7.15	6.54	6.11	5.60	5.17	4.82	4.56
270.0	13.43	11.80	10.16	9.21	8.27	7.66	7.15	6.46	6.11
315.0	9.56	8.53	7.58	7.15	6.72	6.29	5.77	5.51	5.25
360.0	10.25	8.61	7.41	6.63	6.03	5.77	5.43	5.17	4.91

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	4.65	4.39	4.22	4.13	4.05	4.05	4.05	4.05	3.96
45.0	5.08	4.82	4.65	4.39	4.31	4.31	4.22	4.13	4.13
90.0	5.77	5.51	5.25	5.17	5.08	4.82	4.74	4.65	4.56
135.0	5.94	5.60	5.17	4.91	4.74	4.56	4.48	4.22	4.13
180.0	4.56	4.39	4.22	4.13	4.05	3.96	3.88	3.79	3.70
225.0	4.39	4.31	4.22	4.13	4.05	3.96	3.96	3.88	3.70
270.0	5.77	5.43	5.17	4.99	4.99	4.82	4.74	4.65	4.65
315.0	4.91	4.65	4.56	4.48	4.39	4.31	4.22	4.13	4.05
360.0	4.65	4.39	4.22	4.13	4.05	4.05	4.05	4.05	3.96

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	3.88	3.79	3.70	3.53	3.36	3.36	3.27	3.19	3.10
45.0	4.13	4.13	3.96	3.88	3.79	3.62	3.44	3.44	3.53
90.0	4.48	4.39	4.31	4.05	3.96	3.88	3.79	3.70	3.62
135.0	4.05	3.96	3.79	3.62	3.44	3.27	3.27	3.19	3.10
180.0	3.62	3.44	3.36	3.27	3.19	3.10	3.10	3.10	3.01
225.0	3.62	3.36	3.36	3.19	3.19	3.10	3.10	3.10	3.01
270.0	4.48	4.31	4.22	4.13	4.05	3.96	3.96	3.88	3.70
315.0	3.96	3.70	3.53	3.53	3.44	3.36	3.27	3.19	3.19
360.0	3.88	3.79	3.70	3.53	3.36	3.36	3.27	3.19	3.10

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.01	3.01	2.93	2.93	2.84	2.76	2.67	2.67	2.67
45.0	3.44	3.44	3.36	3.36	3.19	3.01	2.84	2.67	2.58
90.0	3.53	3.44	3.27	3.19	3.01	2.84	2.67	2.58	2.50
135.0	3.10	3.10	3.01	3.01	3.01	2.93	2.67	2.58	2.58
180.0	3.01	2.93	2.93	2.76	2.67	2.67	2.67	2.58	2.41
225.0	3.01	2.93	2.76	2.67	2.58	2.58	2.58	2.50	2.41
270.0	3.62	3.44	3.27	3.01	2.84	2.76	2.58	2.41	2.41
315.0	3.10	3.01	2.84	2.76	2.67	2.58	2.50	2.41	2.33
360.0	3.01	3.01	2.93	2.93	2.84	2.76	2.67	2.67	2.67

Intensity data(cd)

C/γ(°)	90.0
0.0	2.58
45.0	2.50
90.0	2.41
135.0	2.50
180.0	2.41
225.0	2.41
270.0	2.41
315.0	2.41
360.0	2.58