NATA LIGHTING CO.,LTD
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Tel:+86 0750-377 0000(10 lines) Fax:+86 0750-377 1111
Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

NT

Client: NT
LumCAT: 1-1758-LM2
Luminaire: 92.70.492.00 LED HOLDER
Report No: 20251218-B005
Ballast type: AC

Test No: 20251218-C005	Voltage(V): 35.060
LampCAT: CITIZEN CLU028 LES9.8	Current(A): 0.362
Lamp flux(lm): 1573.0	Power (W): 12.691
Number of Lamps: 1	PF: 0.000
Length(mm): 50	Width(mm): 50
Phm Type: C	Height(mm): 22

Photometric Results

Lumens(lm): 1516.37, Efficiency(%): 96.40% , Luminous Efficacy(lm/W): 119.48
Central intensity(cd): 6247.913, Maximum intensity(cd): 6247.913
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=17.4
[C90/270]Total=17.4
Field angle(10%Imax): [C0/180]Total=53.0
[C90/270]Total=53.0
Maximum s/h(1/2): C0_180=0.30 C90_270=0.30
Maximum s/h(1/4): C0_180=0.33 C90_270=0.33
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 96.40%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.964%

NT NT 1-1758-LM2

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6247.913	0.000	0	0.00%	0.00%
1.0	6162.413	5.938	5.938	0.38%	0.39%
2.0	5997.108	17.452	23.391	1.11%	1.54%
3.0	5708.405	27.996	51.386	1.78%	3.39%
4.0	5324.920	36.932	88.318	2.35%	5.82%
5.0	4882.655	43.912	132.231	2.79%	8.72%
6.0	4373.452	48.643	180.874	3.09%	11.93%
7.0	3917.123	51.459	232.334	3.27%	15.32%
8.0	3433.233	52.605	284.939	3.34%	18.79%
9.0	3015.436	52.263	337.202	3.32%	22.24%
10.0	2630.827	51.097	388.298	3.25%	25.61%
11.0	2284.467	49.114	437.412	3.12%	28.85%
12.0	1976.147	46.575	483.987	2.96%	31.92%
13.0	1736.663	44.062	528.048	2.80%	34.82%
14.0	1549.420	42.062	570.11	2.67%	37.60%
15.0	1375.826	40.159	610.269	2.55%	40.25%
16.0	1221.567	38.059	648.328	2.42%	42.76%
17.0	1137.115	36.731	685.059	2.34%	45.18%
18.0	1054.680	36.138	721.197	2.30%	47.56%
19.0	961.249	35.073	756.27	2.23%	49.87%
20.0	896.063	33.994	790.264	2.16%	52.12%
21.0	834.863	33.237	823.501	2.11%	54.31%
22.0	789.588	32.644	856.145	2.08%	56.46%
23.0	743.934	32.177	888.323	2.05%	58.58%
24.0	697.458	31.514	919.837	2.00%	60.66%
25.0	666.035	31.003	950.84	1.97%	62.71%
26.0	640.666	30.845	981.685	1.96%	64.74%
27.0	610.882	30.619	1012.304	1.95%	66.76%
28.0	586.631	30.318	1042.622	1.93%	68.76%
29.0	564.630	30.120	1072.743	1.91%	70.74%
30.0	546.047	29.988	1102.731	1.91%	72.72%
31.0	529.685	29.936	1132.667	1.90%	74.70%
32.0	513.464	29.885	1162.552	1.90%	76.67%
33.0	497.623	29.787	1192.339	1.89%	78.63%
34.0	484.432	29.720	1222.059	1.89%	80.59%
35.0	472.078	29.706	1251.764	1.89%	82.55%
36.0	459.928	29.675	1281.44	1.89%	84.51%
37.0	442.034	29.417	1310.857	1.87%	86.45%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	418.029	28.708	1339.564	1.83%	88.34%
39.0	388.652	27.534	1367.099	1.75%	90.16%
40.0	352.962	25.865	1392.963	1.64%	91.86%
41.0	312.855	23.709	1416.673	1.51%	93.43%
42.0	272.686	21.274	1437.947	1.35%	94.83%
43.0	246.755	19.242	1457.188	1.22%	96.10%
44.0	205.791	17.080	1474.269	1.09%	97.22%
45.0	136.167	13.142	1487.41	0.84%	98.09%
46.0	95.555	9.062	1496.473	0.58%	98.69%
47.0	63.155	6.312	1502.785	0.40%	99.10%
48.0	35.698	3.996	1506.781	0.25%	99.37%
49.0	21.361	2.343	1509.124	0.15%	99.52%
50.0	13.402	1.449	1510.573	0.09%	99.62%
51.0	10.779	1.023	1511.596	0.07%	99.69%
52.0	9.429	0.867	1512.464	0.06%	99.74%
53.0	8.423	0.777	1513.24	0.05%	99.79%
54.0	7.692	0.710	1513.95	0.05%	99.84%
55.0	6.652	0.640	1514.591	0.04%	99.88%
56.0	4.577	0.507	1515.098	0.03%	99.92%
57.0	2.503	0.324	1515.422	0.02%	99.94%
58.0	1.540	0.187	1515.609	0.01%	99.95%
59.0	1.020	0.120	1515.729	0.01%	99.96%
60.0	0.914	0.091	1515.82	0.01%	99.96%
61.0	0.724	0.078	1515.898	0.00%	99.97%
62.0	0.584	0.063	1515.961	0.00%	99.97%
63.0	0.464	0.051	1516.012	0.00%	99.98%
64.0	0.359	0.040	1516.052	0.00%	99.98%
65.0	0.309	0.033	1516.085	0.00%	99.98%
66.0	0.232	0.027	1516.112	0.00%	99.98%
67.0	0.204	0.022	1516.134	0.00%	99.98%
68.0	0.204	0.021	1516.155	0.00%	99.99%
69.0	0.162	0.019	1516.174	0.00%	99.99%
70.0	0.169	0.017	1516.191	0.00%	99.99%
71.0	0.141	0.016	1516.207	0.00%	99.99%
72.0	0.120	0.014	1516.22	0.00%	99.99%
73.0	0.113	0.012	1516.232	0.00%	99.99%
74.0	0.070	0.010	1516.242	0.00%	99.99%
75.0	0.091	0.009	1516.25	0.00%	99.99%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.091	0.010	1516.26	0.00%	99.99%
77.0	0.049	0.007	1516.268	0.00%	99.99%
78.0	0.063	0.006	1516.274	0.00%	99.99%
79.0	0.042	0.006	1516.279	0.00%	99.99%
80.0	0.042	0.005	1516.284	0.00%	99.99%
81.0	0.070	0.006	1516.29	0.00%	99.99%
82.0	0.042	0.006	1516.296	0.00%	100.00%
83.0	0.035	0.004	1516.3	0.00%	100.00%
84.0	0.042	0.004	1516.305	0.00%	100.00%
85.0	0.056	0.005	1516.31	0.00%	100.00%
86.0	0.063	0.007	1516.316	0.00%	100.00%
87.0	0.091	0.008	1516.325	0.00%	100.00%
88.0	0.120	0.012	1516.336	0.00%	100.00%
89.0	0.148	0.015	1516.351	0.00%	100.00%
90.0	0.190	0.019	1516.37	0.00%	100.00%

Zonal flux distribution table

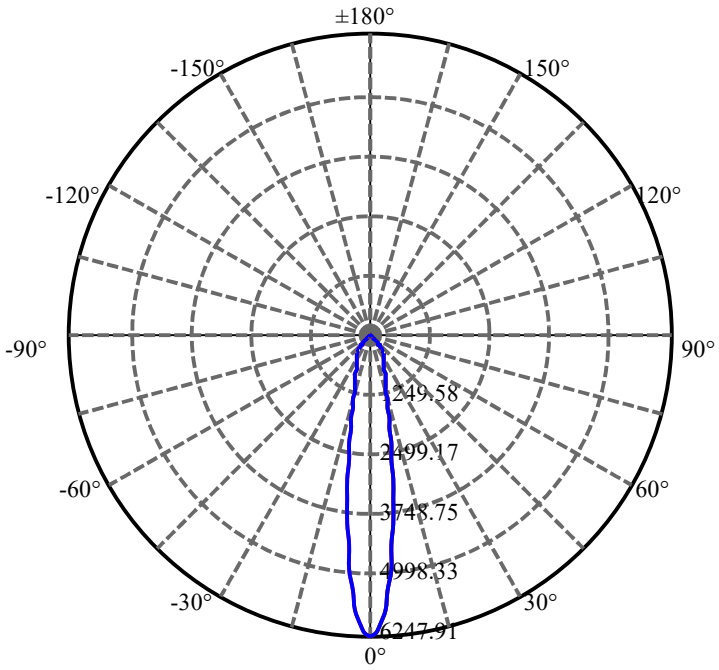
ZONAL LUMEN SUMMARY

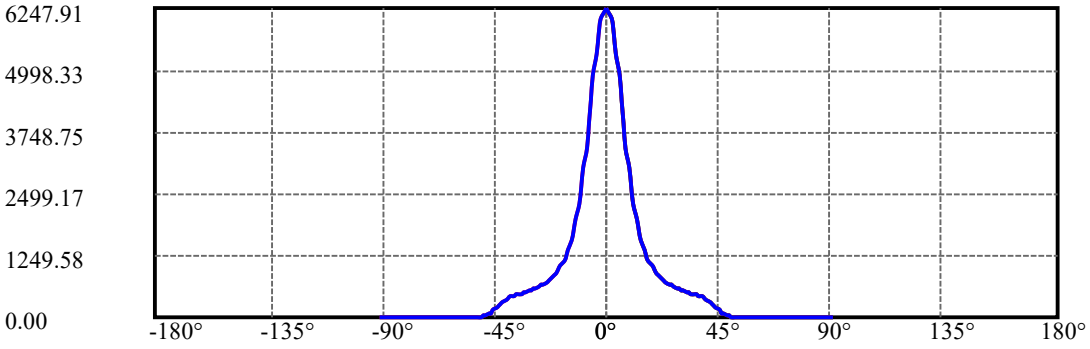
Zone	Lumens	%Lamp	%Fixt
0-30	1102.73	70.10%	72.72%
0-40	1392.96	88.55%	91.86%
0-60	1515.82	96.36%	99.96%
0-90	1516.35	96.40%	100.00%
0-120	1516.35	96.40%	100.00%
0-180	1516.37	96.40%	100.00%
60-90	0.53	0.03%	0.04%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-33.70	1213.10	77.12%	80.00%

ZONAL LUMEN SUMMARY

0-10	388.30
10-20	401.97
20-30	312.47
30-40	290.23
40-50	117.61
50-60	5.25
60-70	0.37
70-80	0.09
80-90	0.07
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):

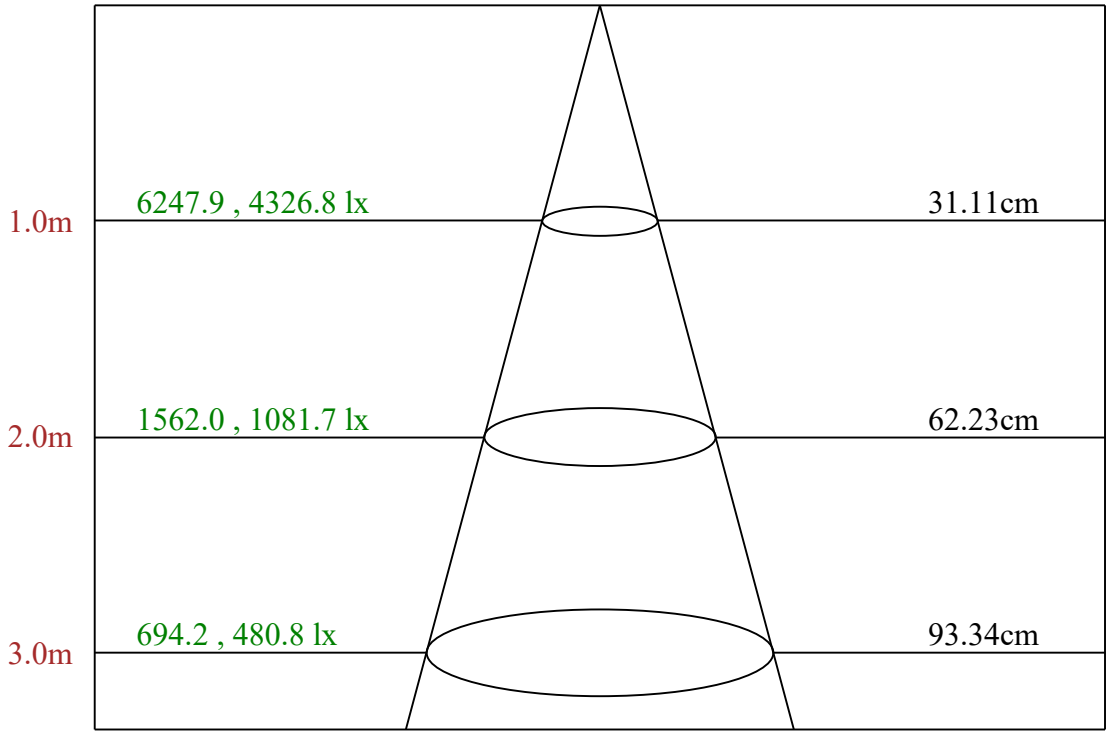
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:26.5 Right:26.5
:C90/270Left:26.5 Right:26.5

Beam Angle(50%Imax):C0/180Left:8.7 Right:8.7
:C90/270Left:8.7 Right:8.7

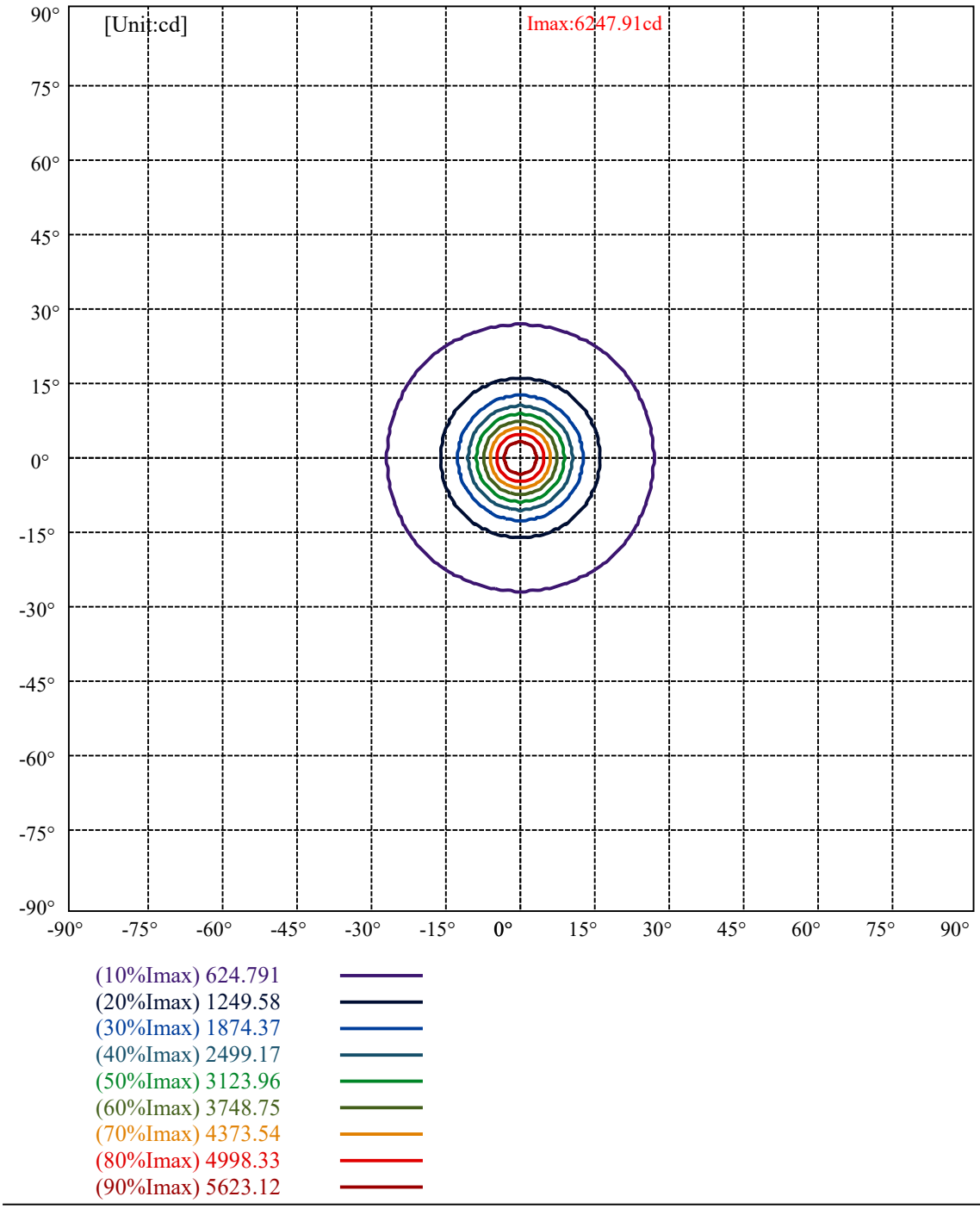
Lux distance Curve



Max , Ave

Beam angle of C0 plane 17.69

ISO-Intensity(V-H)



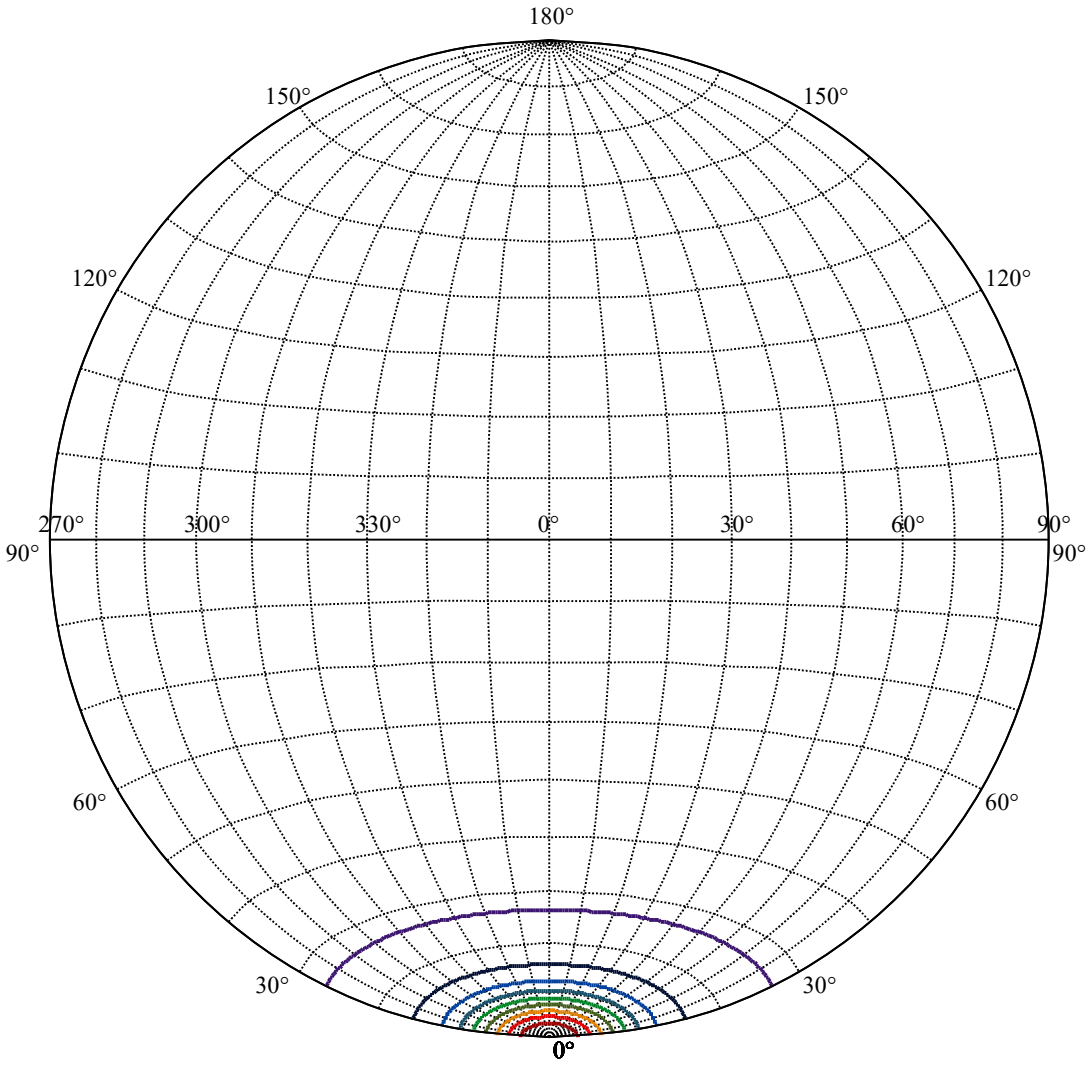
(10%Imax) 624.791
(20%Imax) 1249.58
(30%Imax) 1874.37
(40%Imax) 2499.17
(50%Imax) 3123.96
(60%Imax) 3748.75
(70%Imax) 4373.54
(80%Imax) 4998.33
(90%Imax) 5623.12

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/18
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

ISO candela diagram on circular web



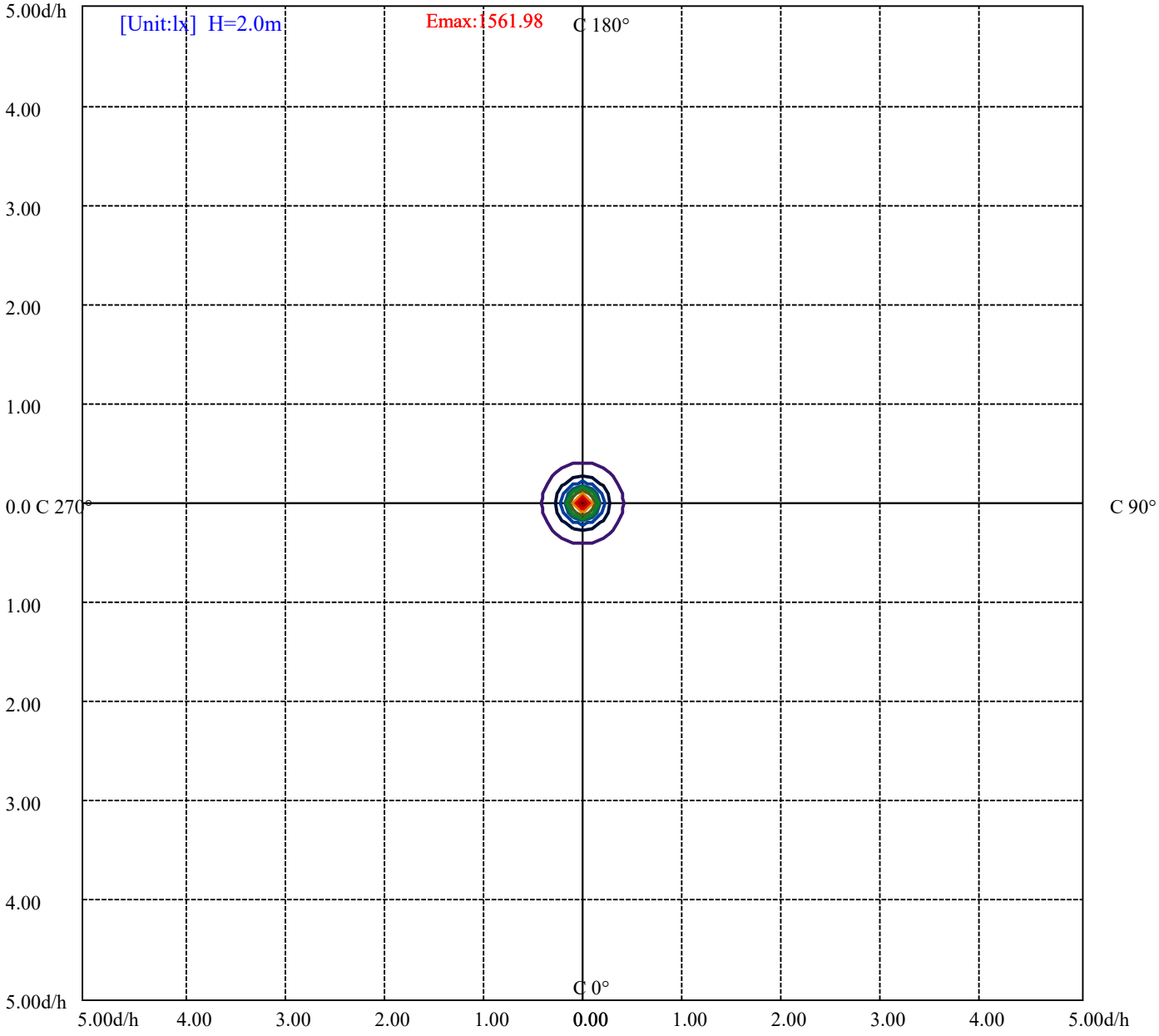
House [Unit:cd] Road

Imax:6247.91

(10%Imax) 624.791
(20%Imax) 1249.58
(30%Imax) 1874.37
(40%Imax) 2499.17
(50%Imax) 3123.96
(60%Imax) 3748.75
(70%Imax) 4373.54
(80%Imax) 4998.33
(90%Imax) 5623.12

NT NT 1-1758-LM2

ISO illuminance diagram



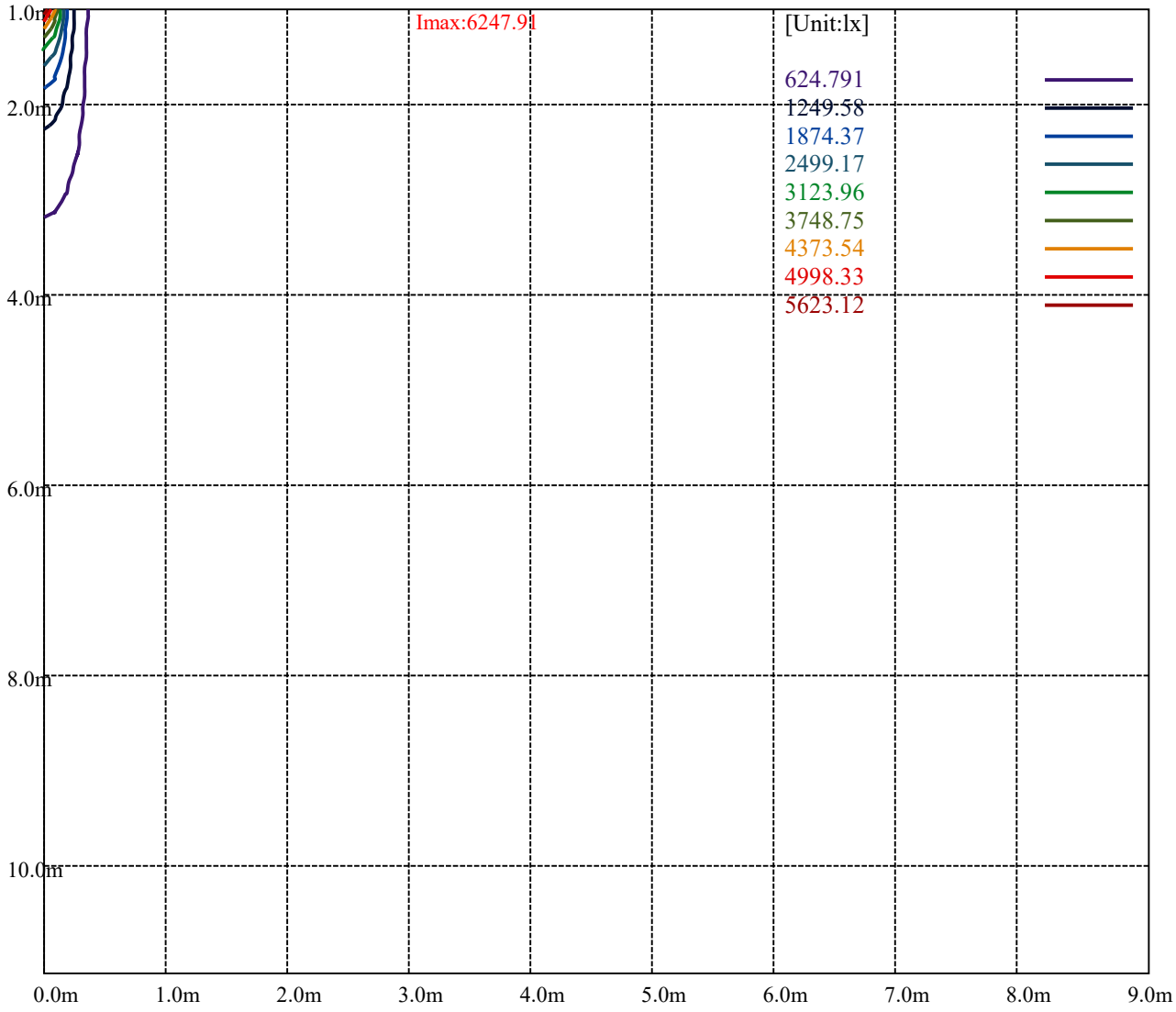
(10%Emax) 156.1975
(20%Emax) 312.395
(30%Emax) 468.5925
(40%Emax) 624.79
(50%Emax) 780.9875
(60%Emax) 937.185
(70%Emax) 1093.382
(80%Emax) 1249.58
(90%Emax) 1405.777

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/18
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/12/18
Humidity(%): 60.0%

Operator: YZQ
Distance(m): 7.50

NT NT 1-1758-LM2

Luminance Limitting Curve(no luminous side)

Luminance Table

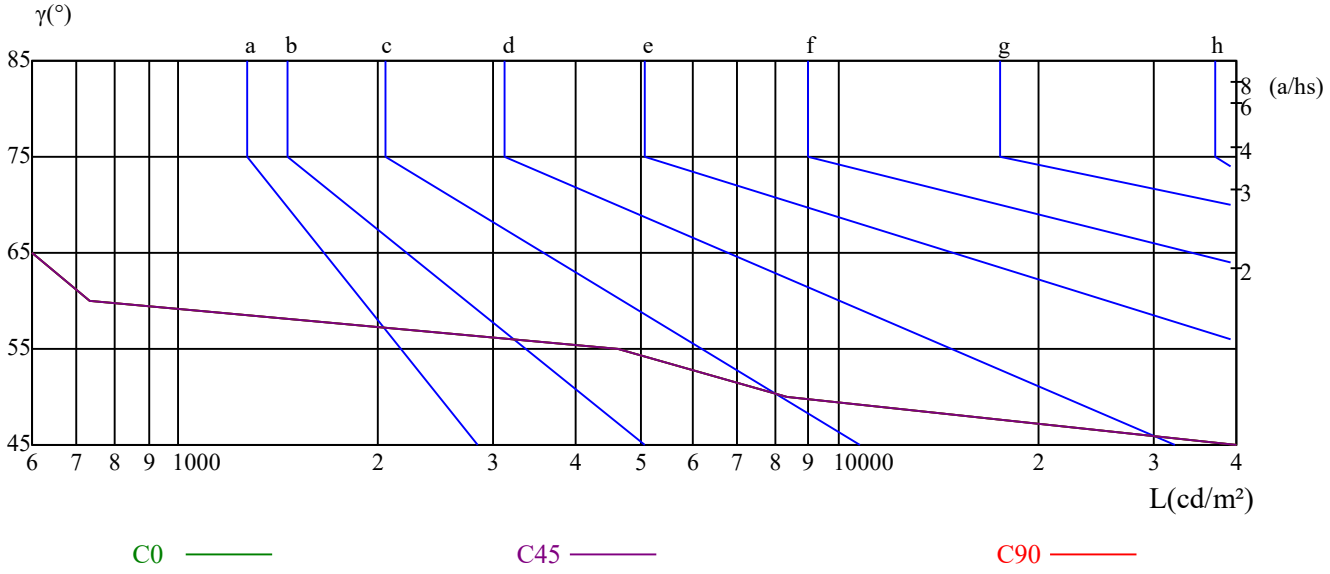
γ	45	50	55	60	65	70	75	80	85
C0	77028	8340	4639	731	293	197	141	97	258
C45	77028	8340	4639	731	293	197	141	97	258
C90	77028	8340	4639	731	293	197	141	97	258

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
293	293	293	141	141	141	258	258	258

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: 2025/12/18
Humidity(%): 60.0%

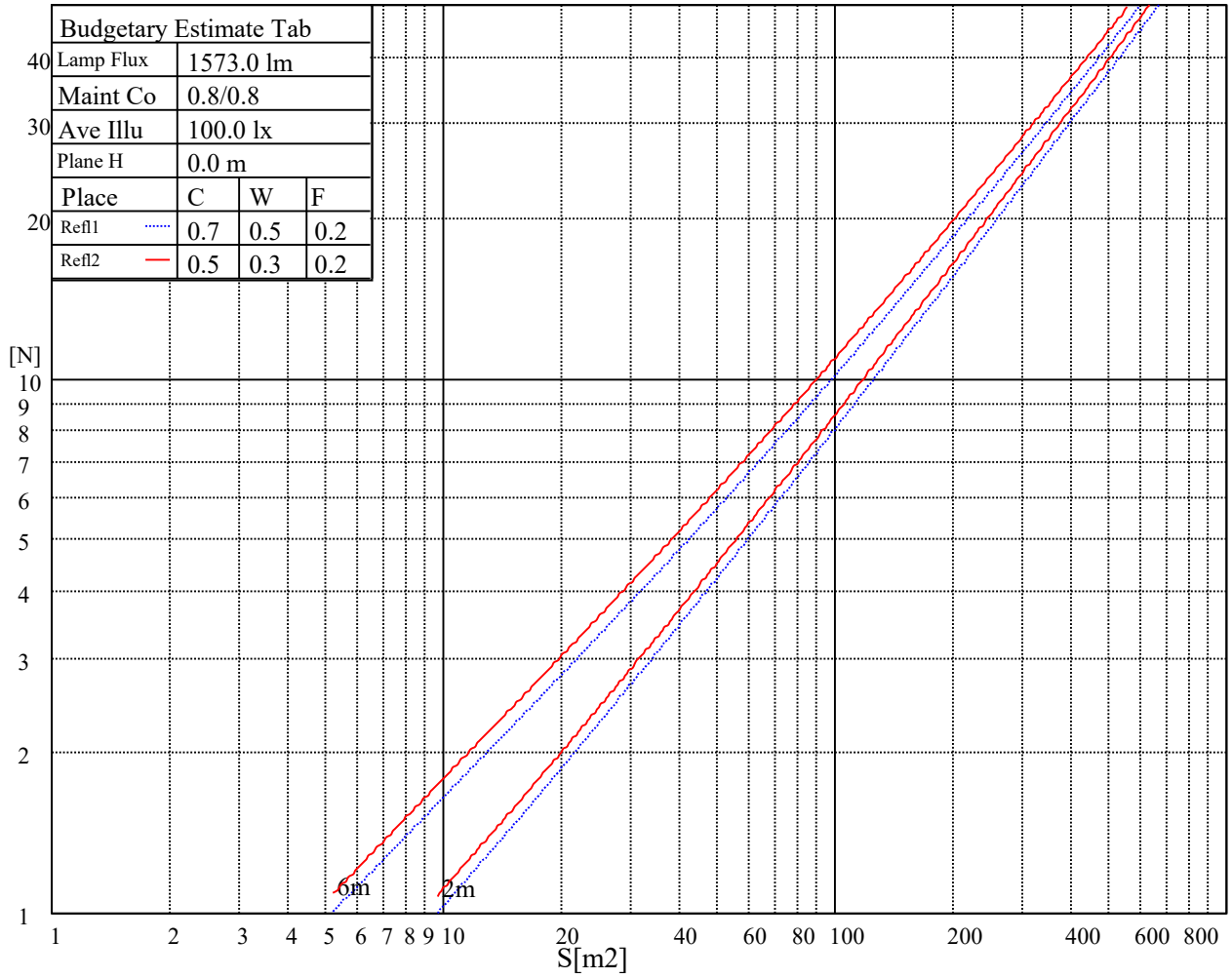
Operator: YZQ
Distance(m): 7.50

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	23.59	24.57	23.95	24.88	25.20	23.77	24.76	24.13	25.07	25.38
	3H	23.38	24.25	23.77	24.59	24.94	23.57	24.44	23.95	24.77	25.12
	4H	23.28	24.08	23.68	24.44	24.81	23.46	24.27	23.86	24.62	24.99
	6H	23.19	23.92	23.61	24.30	24.70	23.37	24.11	23.79	24.48	24.88
	8H	23.11	23.81	23.53	24.20	24.61	23.30	24.00	23.72	24.38	24.79
	12H	23.04	23.70	23.47	24.10	24.52	23.22	23.89	23.65	24.28	24.70
4H	2H	23.28	24.08	23.68	24.44	24.81	23.46	24.27	23.86	24.62	24.99
	3H	23.04	23.70	23.46	24.10	24.52	23.22	23.89	23.65	24.28	24.70
	4H	22.96	23.53	23.40	23.96	24.40	23.14	23.71	23.58	24.14	24.59
	6H	22.81	23.32	23.29	23.77	24.22	23.00	23.50	23.47	23.95	24.41
	8H	22.75	23.22	23.24	23.68	24.15	22.93	23.40	23.42	23.86	24.33
	12H	22.70	23.13	23.19	23.58	24.10	22.88	23.31	23.37	23.76	24.28
8H	4H	22.75	23.22	23.24	23.68	24.15	22.93	23.40	23.42	23.86	24.33
	6H	22.59	22.97	23.10	23.45	23.96	22.77	23.16	23.28	23.63	24.15
	8H	22.57	22.89	23.10	23.41	23.91	22.75	23.07	23.29	23.60	24.09
	12H	22.51	22.76	23.05	23.28	23.80	22.69	22.94	23.24	23.46	23.98
12H	4H	22.70	23.13	23.19	23.58	24.10	22.88	23.31	23.37	23.76	24.28
	6H	22.57	22.89	23.10	23.41	23.91	22.75	23.07	23.29	23.60	24.09
	8H	22.51	22.76	23.05	23.28	23.80	22.69	22.94	23.24	23.46	23.98

Variation with the observer position at spacings:		
S = 1.0H	3.5/-19.5	3.5/-19.5
S = 1.5H	5.5/-32.6	5.5/-32.6
S = 2.0H	7.5/-35.0	7.5/-35.0
Standard tables:	BK0	BK0
Uncorrected UGR	4.2	4.2

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

Budgetary Estimate Table



Equipment: GMS 1800	Date: 2025/12/18	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	1.12	1.12	1.12	1.07	1.07	1.07	1.03	1.03	1.03	0.98	0.98	0.98	0.96
1	1.08	1.05	1.03	1.05	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	0.94	0.91	0.93	0.91	0.89	0.91	0.89	0.88	0.86
3	0.95	0.91	0.87	0.94	0.90	0.86	0.91	0.88	0.85	0.89	0.86	0.84	0.87	0.84	0.83	0.81
4	0.90	0.85	0.81	0.89	0.84	0.81	0.87	0.83	0.80	0.85	0.81	0.79	0.83	0.80	0.78	0.77
5	0.85	0.80	0.76	0.84	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.74	0.72
6	0.80	0.75	0.72	0.80	0.75	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.73	0.70	0.69
7	0.77	0.71	0.68	0.76	0.71	0.68	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.65
8	0.73	0.68	0.64	0.72	0.68	0.64	0.71	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.62
9	0.70	0.65	0.61	0.69	0.65	0.61	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.60
10	0.67	0.62	0.59	0.66	0.62	0.59	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.57

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	6245.38	6123.88	5873.57	5391.51	5100.13	4569.69	4046.01	3560.01	3021.13
45.0	6201.51	6253.82	6301.63	6173.94	6042.32	5638.44	5169.32	4641.69	4110.69
90.0	6327.51	6321.32	6207.13	5985.51	5619.32	5034.32	4707.51	4166.94	3655.07
135.0	6217.26	6267.88	6249.32	6114.32	5862.32	5473.63	4981.44	4657.44	4004.94
180.0	6245.38	6250.44	6139.63	5916.88	5560.82	5285.76	4652.38	4118.01	3619.07
225.0	6201.51	5927.01	5556.88	5084.38	4445.94	4126.44	3629.19	3169.07	2750.57
270.0	6327.51	6257.76	5958.51	5753.19	5222.19	4705.82	4175.94	3679.26	3399.69
315.0	6217.26	5897.19	5690.19	5247.51	4746.32	4227.13	3625.82	3344.57	2904.69
360.0	6245.38	6123.88	5873.57	5391.51	5100.13	4569.69	4046.01	3560.01	3021.13

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2772.51	2387.19	2069.94	1821.88	1589.01	1490.01	1343.19	1114.88	1114.88
45.0	3808.07	3255.13	2829.32	2443.44	2108.76	1795.44	1594.63	1427.01	1338.13
90.0	3182.57	2669.57	2436.13	1974.88	1682.94	1567.63	1401.13	1105.09	1046.36
135.0	3503.19	3055.44	2642.01	2414.76	2029.44	1697.57	1584.51	1391.01	1250.38
180.0	3165.69	2909.76	2438.38	1992.32	1841.57	1603.63	1436.57	1292.57	1168.26
225.0	2309.01	2117.19	1850.57	1539.51	1443.88	1302.13	1086.75	1086.75	997.20
270.0	2880.51	2481.69	2146.44	1886.57	1642.44	1538.94	1329.13	1252.07	1116.51
315.0	2501.94	2170.63	1862.94	1735.82	1555.26	1400.01	1230.69	1103.18	1065.21
360.0	2772.51	2387.19	2069.94	1821.88	1589.01	1490.01	1343.19	1114.88	1114.88

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1021.89	901.97	864.06	810.23	763.88	722.93	679.33	659.42	630.23
45.0	1179.51	1069.26	979.82	904.44	866.76	799.26	735.69	712.07	676.07
90.0	1046.36	993.60	890.10	819.62	789.30	743.23	702.51	666.17	628.82
135.0	1131.13	1030.44	980.38	891.51	829.63	778.44	727.26	689.57	669.88
180.0	1102.44	992.19	916.26	851.57	797.01	768.32	703.07	669.32	650.19
225.0	950.96	858.71	795.71	767.81	724.67	687.54	654.81	620.83	605.76
270.0	1024.26	946.63	880.82	844.82	784.07	739.63	700.26	665.94	647.38
315.0	980.89	897.19	861.36	788.91	761.40	712.13	676.74	644.96	617.01
360.0	1021.89	901.97	864.06	810.23	763.88	722.93	679.33	659.42	630.23

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	603.79	579.66	553.95	542.48	525.26	509.46	491.85	478.29	465.64
45.0	655.82	609.13	584.38	570.88	546.13	528.13	512.38	498.32	489.88
90.0	612.56	587.42	565.26	542.76	526.22	517.11	497.76	481.50	473.63
135.0	627.69	611.94	582.69	561.88	542.76	525.88	516.32	498.32	484.82
180.0	616.44	592.26	569.76	550.07	539.38	519.13	505.07	491.01	478.07
225.0	581.23	560.42	541.80	522.51	513.45	497.98	476.16	468.39	456.19
270.0	602.38	578.76	566.38	543.32	526.44	510.69	496.63	488.19	471.32
315.0	587.14	573.47	552.83	534.49	517.84	499.33	484.82	471.43	457.09
360.0	603.79	579.66	553.95	542.48	525.26	509.46	491.85	478.29	465.64

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	452.98	428.01	410.74	378.11	339.19	295.99	240.98	213.08	166.16
45.0	475.26	462.88	450.51	426.32	415.07	374.57	318.32	291.88	291.88
90.0	462.04	447.98	423.79	384.86	361.46	319.84	275.74	230.91	177.81
135.0	471.88	459.51	449.38	409.44	373.44	349.82	300.88	300.88	284.01
180.0	470.76	455.57	426.88	409.44	368.94	329.01	303.13	303.13	285.69
225.0	439.48	413.04	370.46	346.50	304.31	259.03	212.68	157.78	131.68
270.0	458.94	444.32	419.57	400.44	356.57	296.38	296.38	287.38	163.07
315.0	448.09	424.97	392.91	354.09	304.71	278.21	233.38	189.00	146.03
360.0	452.98	428.01	410.74	378.11	339.19	295.99	240.98	213.08	166.16

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	121.95	82.24	44.83	24.19	14.40	12.21	11.25	10.13	9.45
45.0	197.78	152.44	102.04	64.86	36.34	18.90	13.44	10.24	8.61
90.0	135.56	95.85	55.07	38.36	19.01	10.86	9.23	7.59	7.03
135.0	176.06	124.99	85.84	51.75	35.55	15.92	10.07	8.72	7.31
180.0	145.24	102.71	79.48	42.36	22.22	12.21	9.73	8.89	7.20
225.0	76.72	39.83	26.78	14.96	11.31	9.84	8.33	7.76	7.03
270.0	138.04	89.94	75.77	31.05	17.27	13.84	12.15	10.74	10.01
315.0	97.99	76.44	35.44	18.06	14.79	13.44	12.04	11.36	10.74
360.0	121.95	82.24	44.83	24.19	14.40	12.21	11.25	10.13	9.45

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	8.94	7.93	6.53	1.13	0.96	0.84	0.79	0.62	0.45
45.0	7.59	6.86	6.41	5.63	4.16	1.18	1.07	0.84	0.68
90.0	6.30	5.51	4.73	2.59	1.18	1.07	0.96	0.79	0.68
135.0	6.75	5.57	4.56	4.05	1.69	1.35	1.18	0.96	0.96
180.0	6.19	5.46	4.50	2.81	1.29	1.07	1.01	0.79	0.62
225.0	6.13	4.61	1.24	1.13	0.90	0.79	0.67	0.51	0.34
270.0	9.28	8.72	6.58	1.46	1.13	0.96	0.84	0.68	0.51
315.0	10.35	8.55	2.08	1.24	1.01	0.90	0.79	0.62	0.45
360.0	8.94	7.93	6.53	1.13	0.96	0.84	0.79	0.62	0.45

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.34	0.34	0.28	0.28	0.17	0.17	0.11	0.17	0.17
45.0	0.62	0.45	0.39	0.23	0.23	0.23	0.17	0.17	0.11
90.0	0.51	0.34	0.34	0.23	0.23	0.23	0.17	0.23	0.11
135.0	0.68	0.56	0.45	0.34	0.28	0.28	0.28	0.23	0.23
180.0	0.56	0.39	0.34	0.28	0.28	0.23	0.17	0.17	0.23
225.0	0.34	0.23	0.23	0.17	0.11	0.17	0.11	0.11	0.06
270.0	0.39	0.28	0.23	0.17	0.17	0.17	0.11	0.11	0.11
315.0	0.28	0.28	0.23	0.17	0.17	0.17	0.17	0.17	0.11
360.0	0.34	0.34	0.28	0.28	0.17	0.17	0.11	0.17	0.17

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.11	0.11	0.11	0.11	0.11	0.06	0.06	0.06	0.06
45.0	0.11	0.11	0.06	0.11	0.06	0.06	0.06	0.00	0.06
90.0	0.06	0.11	0.06	0.11	0.06	0.00	0.06	0.00	0.06
135.0	0.23	0.17	0.17	0.11	0.17	0.11	0.11	0.11	0.11
180.0	0.17	0.17	0.11	0.11	0.17	0.11	0.11	0.06	0.06
225.0	0.06	0.06	0.00	0.06	0.06	0.00	0.00	0.00	0.00
270.0	0.11	0.06	0.00	0.06	0.06	0.00	0.06	0.06	0.00
315.0	0.11	0.11	0.06	0.06	0.06	0.06	0.06	0.06	0.00
360.0	0.11	0.11	0.11	0.11	0.11	0.06	0.06	0.06	0.06

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

Intensity data(cd)

C/γ(°)	90.0
0.0	0.11
45.0	0.06
90.0	0.00
135.0	0.28
180.0	0.23
225.0	0.28
270.0	0.23
315.0	0.34
360.0	0.11