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

NT

Client: NT
LumCAT: 1-1545-L & 92.70.378.00
Luminaire: 92.70.457.00 LED HOLDER
Report No: 20241114-B015
Ballast type: AC

Test No: 20241114-C015	Voltage(V): 34.620
LampCAT: PHILIPS SLM C 1202 L06	Current(A): 0.160
Lamp flux(lm): 934.0	Power (W): 5.539
Number of Lamps: 1	PF: 0.000
Length(mm): 35	Width(mm): 35
Phm Type: C	Height(mm): 24

Photometric Results

Lumens(lm): 873.52, Efficiency(%): 93.52% , Luminous Efficacy(lm/W): 157.70
Central intensity(cd): 2045.127, Maximum intensity(cd): 2045.127
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=36.8
[C90/270]Total=36.8
Field angle(10%Imax): [C0/180]Total=59.8
[C90/270]Total=59.8
Maximum s/h(1/2): C0_180=0.60 C90_270=0.60
Maximum s/h(1/4): C0_180=0.60 C90_270=0.60
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 93.52%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.763%

Equipment: GMS1980	Date: 2024/11/14	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2045.127	0.000	0	0.00%	0.00%
1.0	2041.835	1.956	1.956	0.21%	0.22%
2.0	2034.301	5.850	7.806	0.63%	0.89%
3.0	2020.328	9.697	17.503	1.04%	2.00%
4.0	2004.015	13.471	30.974	1.44%	3.55%
5.0	1982.801	17.151	48.125	1.84%	5.51%
6.0	1958.441	20.712	68.837	2.22%	7.88%
7.0	1926.692	24.115	92.952	2.58%	10.64%
8.0	1887.775	27.299	120.252	2.92%	13.77%
9.0	1836.714	30.185	150.437	3.23%	17.22%
10.0	1779.655	32.727	183.164	3.50%	20.97%
11.0	1717.109	34.940	218.103	3.74%	24.97%
12.0	1641.176	36.711	254.814	3.93%	29.17%
13.0	1564.950	38.049	292.863	4.07%	33.53%
14.0	1448.454	38.571	331.434	4.13%	37.94%
15.0	1346.303	38.368	369.802	4.11%	42.33%
16.0	1223.208	37.651	407.452	4.03%	46.64%
17.0	1153.574	37.013	444.465	3.96%	50.88%
18.0	1061.130	36.516	480.981	3.91%	55.06%
19.0	974.765	35.420	516.401	3.79%	59.12%
20.0	882.380	33.991	550.392	3.64%	63.01%
21.0	802.409	32.351	582.744	3.46%	66.71%
22.0	720.441	30.602	613.346	3.28%	70.22%
23.0	647.778	28.709	642.055	3.07%	73.50%
24.0	571.589	26.660	668.715	2.85%	76.55%
25.0	495.817	24.270	692.985	2.60%	79.33%
26.0	421.157	21.645	714.63	2.32%	81.81%
27.0	353.139	18.943	733.574	2.03%	83.98%
28.0	299.006	16.511	750.085	1.77%	85.87%
29.0	258.179	14.578	764.662	1.56%	87.54%
30.0	200.235	12.377	777.039	1.33%	88.95%
31.0	144.265	9.587	786.626	1.03%	90.05%
32.0	107.828	7.222	793.848	0.77%	90.88%
33.0	84.272	5.659	799.508	0.61%	91.53%
34.0	69.203	4.645	804.152	0.50%	92.06%
35.0	59.890	4.009	808.162	0.43%	92.52%
36.0	53.607	3.614	811.775	0.39%	92.93%
37.0	48.661	3.335	815.111	0.36%	93.31%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	44.192	3.099	818.21	0.33%	93.67%
39.0	40.000	2.874	821.084	0.31%	94.00%
40.0	36.620	2.672	823.756	0.29%	94.30%
41.0	33.424	2.494	826.25	0.27%	94.59%
42.0	30.468	2.321	828.572	0.25%	94.85%
43.0	27.966	2.165	830.736	0.23%	95.10%
44.0	25.699	2.025	832.762	0.22%	95.33%
45.0	23.658	1.897	834.658	0.20%	95.55%
46.0	21.792	1.777	836.436	0.19%	95.75%
47.0	20.190	1.670	838.106	0.18%	95.95%
48.0	18.764	1.575	839.68	0.17%	96.13%
49.0	17.549	1.491	841.172	0.16%	96.30%
50.0	16.533	1.421	842.593	0.15%	96.46%
51.0	15.567	1.358	843.951	0.15%	96.61%
52.0	14.675	1.298	845.248	0.14%	96.76%
53.0	13.892	1.243	846.491	0.13%	96.91%
54.0	13.168	1.193	847.684	0.13%	97.04%
55.0	12.502	1.146	848.83	0.12%	97.17%
56.0	11.909	1.103	849.933	0.12%	97.30%
57.0	11.361	1.064	850.997	0.11%	97.42%
58.0	10.863	1.028	852.024	0.11%	97.54%
59.0	10.395	0.994	853.018	0.11%	97.65%
60.0	9.971	0.962	853.98	0.10%	97.76%
61.0	9.583	0.933	854.913	0.10%	97.87%
62.0	9.217	0.906	855.819	0.10%	97.97%
63.0	8.895	0.881	856.7	0.09%	98.07%
64.0	8.559	0.856	857.557	0.09%	98.17%
65.0	8.288	0.834	858.39	0.09%	98.27%
66.0	8.025	0.814	859.204	0.09%	98.36%
67.0	7.776	0.795	859.999	0.09%	98.45%
68.0	7.506	0.774	860.773	0.08%	98.54%
69.0	7.271	0.754	861.527	0.08%	98.63%
70.0	7.059	0.736	862.263	0.08%	98.71%
71.0	6.840	0.718	862.981	0.08%	98.79%
72.0	6.613	0.700	863.681	0.07%	98.87%
73.0	6.437	0.682	864.363	0.07%	98.95%
74.0	6.225	0.666	865.029	0.07%	99.03%
75.0	6.028	0.647	865.676	0.07%	99.10%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.845	0.630	866.307	0.07%	99.17%
77.0	5.655	0.613	866.92	0.07%	99.24%
78.0	5.465	0.595	867.515	0.06%	99.31%
79.0	5.282	0.577	868.092	0.06%	99.38%
80.0	5.106	0.560	868.652	0.06%	99.44%
81.0	4.938	0.543	869.196	0.06%	99.50%
82.0	4.799	0.528	869.724	0.06%	99.57%
83.0	4.660	0.514	870.238	0.06%	99.62%
84.0	4.543	0.501	870.739	0.05%	99.68%
85.0	4.426	0.489	871.229	0.05%	99.74%
86.0	4.316	0.478	871.706	0.05%	99.79%
87.0	4.206	0.466	872.173	0.05%	99.85%
88.0	4.133	0.457	872.63	0.05%	99.90%
89.0	4.067	0.449	873.079	0.05%	99.95%
90.0	4.031	0.444	873.523	0.05%	100.00%

Zonal flux distribution table

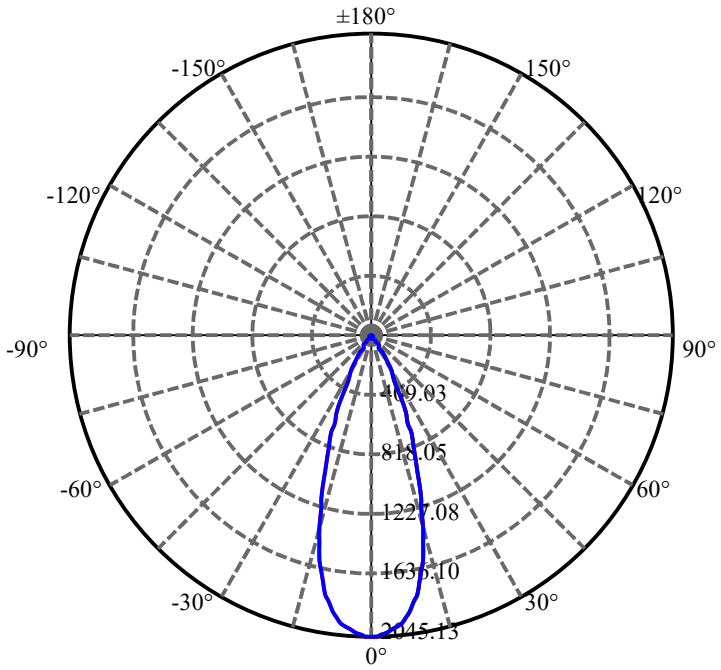
ZONAL LUMEN SUMMARY

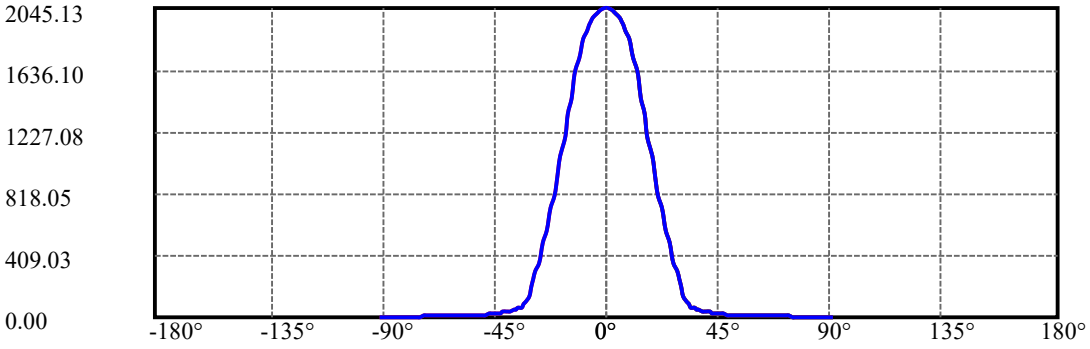
Zone	Lumens	%Lamp	%Fixt
0-30	777.04	83.19%	88.95%
0-40	823.76	88.20%	94.30%
0-60	853.98	91.43%	97.76%
0-90	873.08	93.48%	99.95%
0-120	873.08	93.48%	99.95%
0-180	873.52	93.52%	100.00%
60-90	19.10	2.04%	2.19%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-25.27	698.82	74.82%	80.00%

ZONAL LUMEN SUMMARY

0-10	183.16
10-20	367.23
20-30	226.65
30-40	46.72
40-50	18.84
50-60	11.39
60-70	8.28
70-80	6.39
80-90	4.43
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):

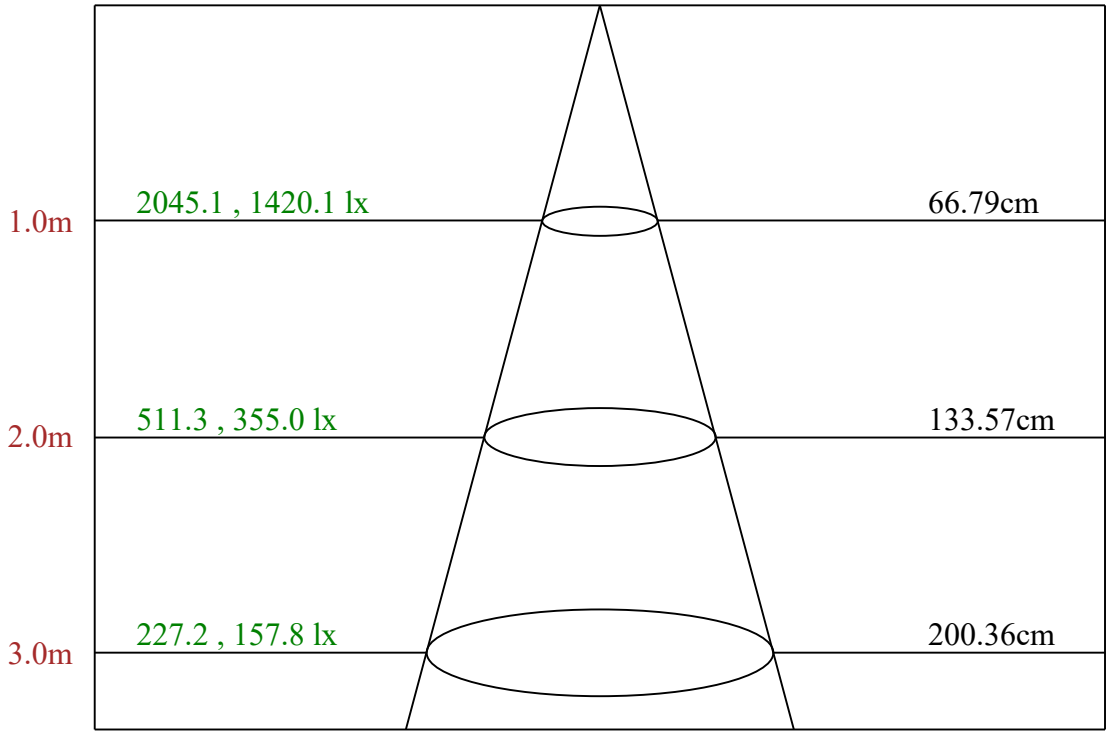
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:29.9 Right:29.9
:C90/270Left:29.9 Right:29.9

Beam Angle(50%Imax):C0/180Left:18.4 Right:18.4
:C90/270Left:18.4 Right:18.4

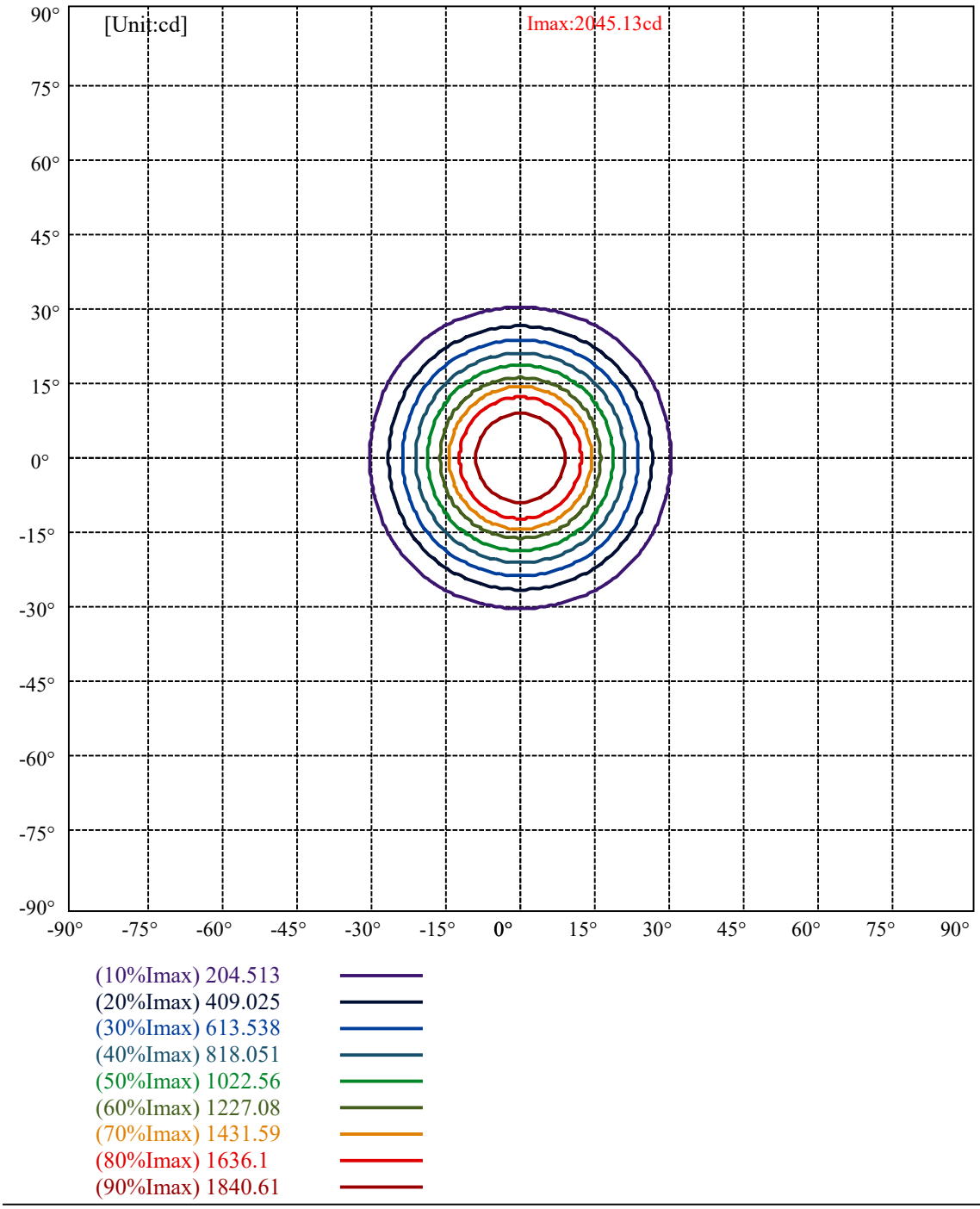
Lux distance Curve



Max , Ave

Beam angle of C0 plane 36.93

ISO-Intensity(V-H)



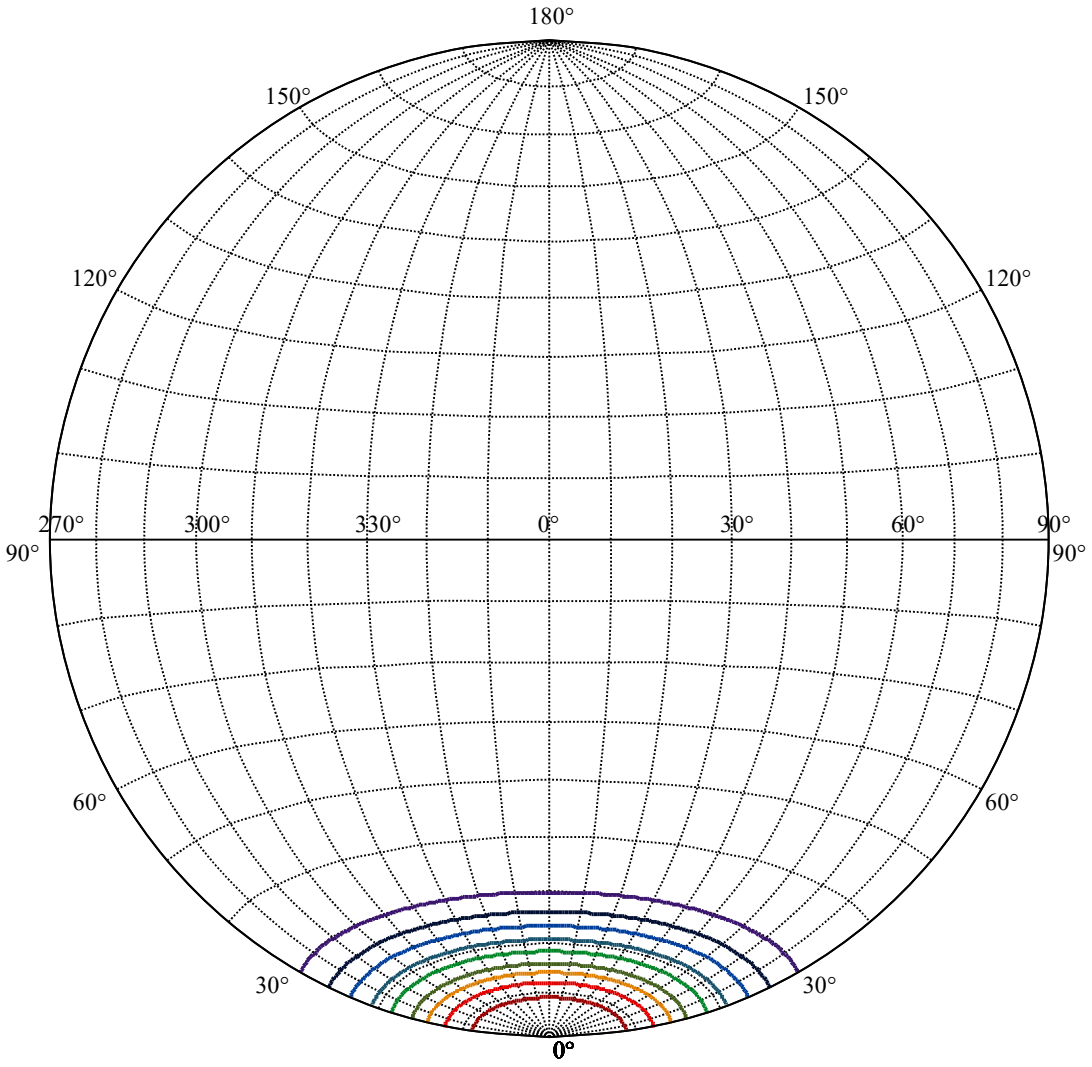
(10%Imax) 204.513
(20%Imax) 409.025
(30%Imax) 613.538
(40%Imax) 818.051
(50%Imax) 1022.56
(60%Imax) 1227.08
(70%Imax) 1431.59
(80%Imax) 1636.1
(90%Imax) 1840.61

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/11/14
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



House [Unit:cd] Road

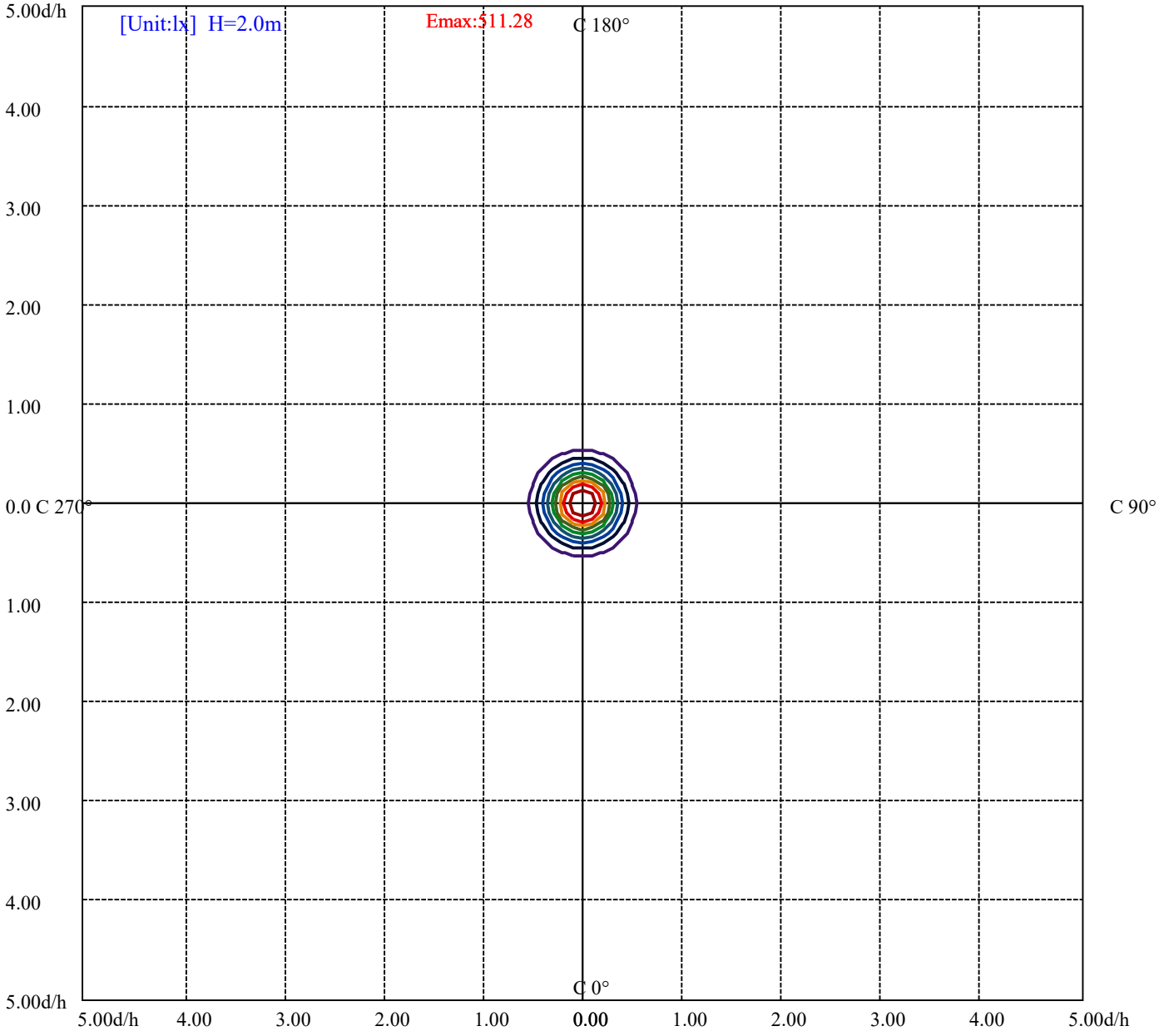
Imax:2045.13

(10%Imax) 204.513
(20%Imax) 409.025
(30%Imax) 613.538
(40%Imax) 818.051
(50%Imax) 1022.56
(60%Imax) 1227.08
(70%Imax) 1431.59
(80%Imax) 1636.1
(90%Imax) 1840.61

Equipment: GMS1980 Date: 2024/11/14 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

NT 1-1545-L & 92.70.378.00

ISO illuminance diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/11/14
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

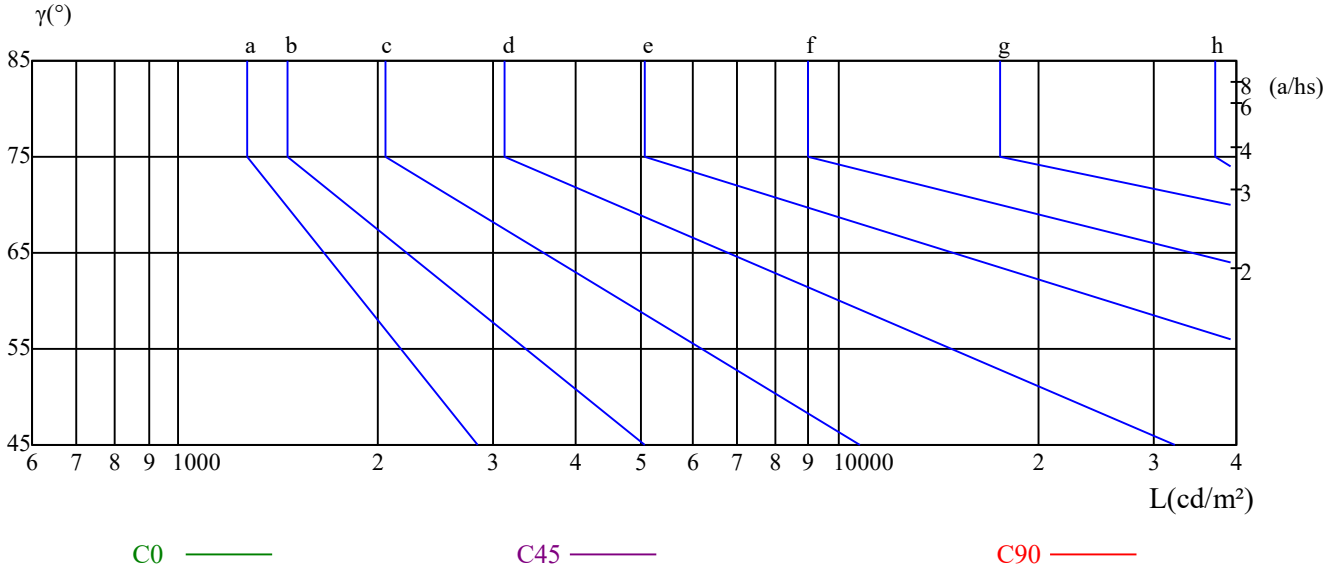
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

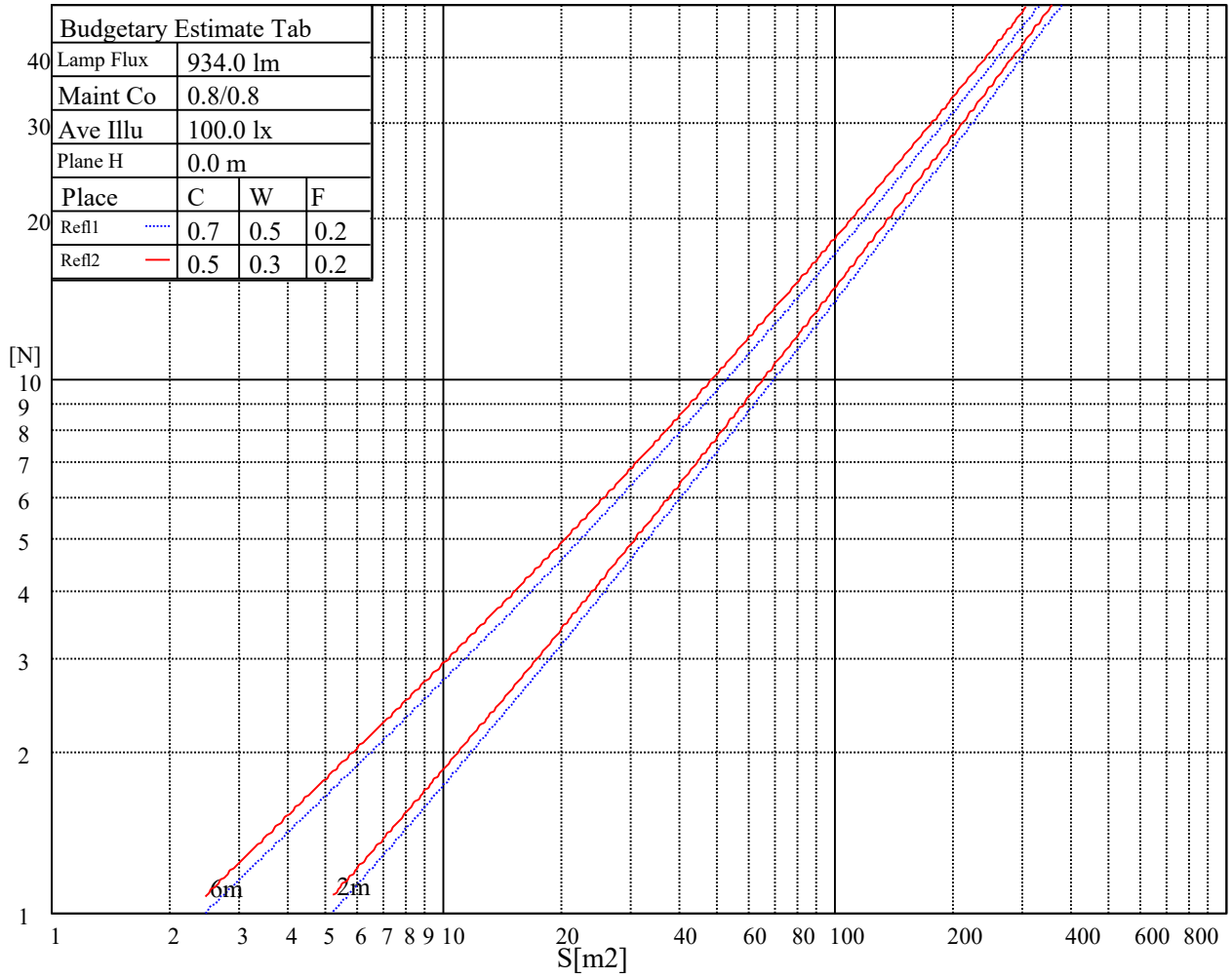
Luminance Limitting Curve



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
	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	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
	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
8H	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	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	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

Budgetary Estimate Table



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/11/14
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

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	1.11	1.11	1.11	1.09	1.09	1.09	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.94
1	1.04	1.02	1.00	1.02	1.00	0.99	0.98	0.97	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.88
2	0.98	0.95	0.92	0.97	0.93	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	0.80
4	0.88	0.84	0.80	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.82	0.79	0.77	0.76
5	0.84	0.79	0.76	0.83	0.79	0.76	0.81	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.74	0.72
6	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.69
7	0.77	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.66
8	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.64
9	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.61
10	0.68	0.63	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.63	0.60	0.66	0.62	0.60	0.59

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	2047.76	2048.35	2047.18	2039.57	2022.60	2002.70	1983.39	1955.30	1920.77
45.0	2042.49	2044.83	2043.66	2032.54	2024.35	2010.31	1983.39	1964.07	1936.57
90.0	2040.74	2034.30	2020.84	2004.45	1982.80	1961.15	1937.15	1904.97	1860.49
135.0	2049.52	2041.32	2031.37	2011.48	1988.07	1963.49	1943.59	1906.14	1865.76
180.0	2047.76	2038.40	2027.28	2007.97	1988.65	1959.39	1931.89	1893.26	1838.25
225.0	2042.49	2033.13	2019.08	2000.36	1980.46	1956.47	1914.91	1871.02	1823.03
270.0	2040.74	2044.25	2039.57	2031.96	2020.26	2003.28	1986.31	1963.49	1931.89
315.0	2049.52	2050.10	2045.42	2034.30	2024.94	2005.62	1986.90	1955.30	1925.45
360.0	2047.76	2048.35	2047.18	2039.57	2022.60	2002.70	1983.39	1955.30	1920.77

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1866.34	1815.43	1753.39	1667.36	1612.35	1508.77	1418.64	1147.68	1147.68
45.0	1887.99	1843.52	1793.77	1717.11	1652.73	1580.75	1496.48	1382.36	1281.12
90.0	1803.14	1747.54	1677.31	1606.50	1502.92	1410.45	1158.57	1158.57	1087.76
135.0	1817.77	1763.93	1700.72	1638.10	1548.56	1466.05	1378.26	1257.12	1162.32
180.0	1787.92	1717.69	1647.47	1579.00	1505.84	1395.82	1301.01	1206.21	1116.67
225.0	1753.98	1685.51	1617.62	1522.23	1438.54	1153.83	1153.83	1130.48	1036.90
270.0	1895.02	1849.37	1794.36	1713.01	1645.71	1567.29	1456.10	1357.78	1250.68
315.0	1881.56	1814.26	1752.22	1686.09	1612.94	1504.67	1407.52	1145.46	1145.46
360.0	1866.34	1815.43	1753.39	1667.36	1612.35	1508.77	1418.64	1147.68	1147.68

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1101.45	1012.85	926.59	826.51	752.54	683.07	598.86	531.27	449.28
45.0	1189.24	1099.70	990.26	910.08	832.83	743.88	673.07	586.45	513.30
90.0	998.92	916.58	820.13	747.33	659.49	588.56	517.92	448.69	368.52
135.0	1073.36	989.67	889.60	810.60	740.37	670.73	581.77	509.20	422.01
180.0	1000.79	921.20	845.12	771.97	682.43	611.62	543.15	455.95	390.99
225.0	928.64	849.45	773.96	705.66	623.09	555.73	486.67	420.25	342.82
270.0	1125.45	1032.40	923.54	838.10	756.75	683.02	612.20	524.42	457.70
315.0	1071.20	976.27	889.83	809.02	716.02	645.62	559.07	490.30	424.64
360.0	1101.45	1012.85	926.59	826.51	752.54	683.07	598.86	531.27	449.28

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	385.08	321.93	253.23	204.30	161.93	126.76	99.20	76.14	64.20
45.0	440.73	374.02	296.18	296.18	229.99	147.65	108.38	86.73	71.51
90.0	306.42	250.24	201.20	149.52	116.75	91.65	71.10	62.27	57.06
135.0	353.53	306.13	306.13	171.82	134.48	104.76	78.71	64.96	56.71
180.0	316.08	301.45	301.45	158.65	117.16	91.30	75.20	64.37	56.83
225.0	284.83	218.76	172.00	133.84	98.38	79.71	66.83	60.16	55.07
270.0	394.50	334.22	304.96	304.96	160.70	116.69	91.94	70.81	60.10
315.0	343.94	285.30	230.29	182.59	134.72	104.11	82.81	68.18	57.64
360.0	385.08	321.93	253.23	204.30	161.93	126.76	99.20	76.14	64.20

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	57.94	51.62	46.88	42.55	38.16	35.00	31.43	28.91	26.57
45.0	60.63	55.13	50.15	44.42	40.56	37.22	33.53	30.84	28.38
90.0	51.27	46.94	43.07	38.80	35.76	32.95	30.43	27.51	25.46
135.0	51.32	45.82	41.90	38.33	35.23	31.89	29.50	26.74	24.76
180.0	52.03	47.70	43.72	39.44	36.40	32.77	30.26	27.97	25.40
225.0	49.28	45.12	41.43	37.40	34.41	31.72	28.68	26.51	24.58
270.0	53.72	48.81	43.42	39.62	36.17	33.07	29.73	27.33	25.11
315.0	52.67	48.16	42.96	39.44	36.28	32.77	30.20	27.92	25.34
360.0	57.94	51.62	46.88	42.55	38.16	35.00	31.43	28.91	26.57

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	24.52	22.18	20.48	19.08	17.91	16.62	15.74	14.86	14.16
45.0	25.63	23.70	21.95	20.25	18.61	17.44	16.44	15.51	14.46
90.0	23.58	21.83	19.96	18.73	17.38	16.44	15.57	14.63	13.87
135.0	23.00	21.07	19.61	18.38	17.03	16.09	15.22	14.40	13.52
180.0	23.58	21.89	20.19	18.96	17.91	16.97	15.80	14.98	14.28
225.0	22.36	20.83	19.49	18.02	16.97	16.04	15.10	14.10	13.40
270.0	23.12	21.01	19.49	17.91	16.85	15.86	14.81	14.05	13.28
315.0	23.47	21.83	20.37	18.79	17.73	16.80	15.86	14.86	14.16
360.0	24.52	22.18	20.48	19.08	17.91	16.62	15.74	14.86	14.16

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	13.28	12.70	11.94	11.47	11.00	10.42	10.07	9.66	9.36
45.0	13.75	12.87	12.29	11.65	11.12	10.59	10.12	9.71	9.31
90.0	13.23	12.52	11.94	11.47	10.94	10.42	10.07	9.66	9.31
135.0	12.87	12.29	11.76	11.12	10.71	10.30	9.83	9.42	9.07
180.0	13.58	12.82	12.29	11.76	11.18	10.71	10.18	9.83	9.42
225.0	12.76	12.11	11.41	10.89	10.36	9.95	9.60	9.19	8.84
270.0	12.52	11.94	11.41	10.94	10.42	10.07	9.66	9.31	8.90
315.0	13.34	12.76	12.23	11.59	11.18	10.71	10.24	9.89	9.54
360.0	13.28	12.70	11.94	11.47	11.00	10.42	10.07	9.66	9.36

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.95	8.60	8.31	8.13	7.78	7.55	7.37	7.14	6.91
45.0	9.07	8.72	8.49	8.13	7.90	7.72	7.43	7.20	7.02
90.0	8.95	8.66	8.37	8.08	7.84	7.49	7.26	7.08	6.85
135.0	8.72	8.49	8.19	7.90	7.67	7.43	7.20	6.96	6.79
180.0	9.13	8.72	8.49	8.19	7.96	7.61	7.37	7.14	6.91
225.0	8.54	8.25	7.96	7.72	7.49	7.20	6.96	6.79	6.61
270.0	8.60	8.25	7.96	7.78	7.55	7.32	7.08	6.91	6.67
315.0	9.19	8.78	8.54	8.25	8.02	7.72	7.49	7.26	6.96
360.0	8.95	8.60	8.31	8.13	7.78	7.55	7.37	7.14	6.91

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.67	6.50	6.32	6.09	5.91	5.74	5.56	5.33	5.15
45.0	6.73	6.61	6.38	6.14	6.03	5.85	5.68	5.44	5.27
90.0	6.61	6.44	6.26	6.03	5.85	5.68	5.50	5.33	5.09
135.0	6.55	6.38	6.20	6.03	5.79	5.62	5.44	5.27	5.09
180.0	6.67	6.50	6.20	6.03	5.85	5.62	5.38	5.21	5.03
225.0	6.38	6.20	5.97	5.79	5.62	5.38	5.21	5.03	4.92
270.0	6.50	6.32	6.14	5.97	5.74	5.62	5.38	5.27	5.09
315.0	6.79	6.55	6.32	6.14	5.97	5.74	5.56	5.38	5.21
360.0	6.67	6.50	6.32	6.09	5.91	5.74	5.56	5.33	5.15

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	4.97	4.86	4.68	4.56	4.45	4.33	4.21	4.16	4.10
45.0	5.09	4.92	4.80	4.62	4.51	4.45	4.27	4.21	4.10
90.0	4.97	4.86	4.68	4.62	4.45	4.33	4.21	4.16	4.04
135.0	4.92	4.80	4.68	4.51	4.39	4.33	4.21	4.16	4.04
180.0	4.92	4.74	4.56	4.51	4.39	4.27	4.16	4.10	4.04
225.0	4.74	4.62	4.51	4.39	4.33	4.21	4.16	4.04	4.10
270.0	4.92	4.80	4.68	4.56	4.45	4.27	4.21	4.10	4.10
315.0	4.97	4.80	4.68	4.56	4.45	4.33	4.21	4.16	4.04
360.0	4.97	4.86	4.68	4.56	4.45	4.33	4.21	4.16	4.10

Intensity data(cd)

C/γ(°)	90.0
0.0	4.04
45.0	4.04
90.0	4.04
135.0	4.04
180.0	4.04
225.0	4.04
270.0	3.98
315.0	4.04
360.0	4.04