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

NT

Client: NT
LumCAT: 1-1546-L & 92.70.395.00
Luminaire: 92.70.457.00 LED HOLDER
Report No: 20241114-B018
Ballast type: AC

Test No: 20241114-C018	Voltage(V): 34.630
LampCAT: PHILIPS SLM C 1202 L06	Current(A): 0.160
Lamp flux(lm): 934.0	Power (W): 5.540
Number of Lamps: 1	PF: 0.000
Length(mm): 35	Width(mm): 35
Phm Type: C	Height(mm): 24

Photometric Results

Lumens(lm): 866.71, Efficiency(%): 92.80% , Luminous Efficacy(lm/W): 156.45
Central intensity(cd): 1339.639, Maximum intensity(cd): 1347.759
Angle of maximum intensity: C=0.0 γ=5.0
Beam Angle(50%Imax): [C0/180]Total=49.0
[C90/270]Total=49.0
Field angle(10%Imax): [C0/180]Total=68.0
[C90/270]Total=68.0
Maximum s/h(1/2): C0_180=0.82 C90_270=0.82
Maximum s/h(1/4): C0_180=0.73 C90_270=0.73
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 92.80%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.035%

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	1339.639	0.000	0	0.00%	0.00%
1.0	1340.370	1.282	1.282	0.14%	0.15%
2.0	1341.175	3.849	5.131	0.41%	0.59%
3.0	1343.881	6.422	11.553	0.69%	1.33%
4.0	1345.857	9.003	20.556	0.96%	2.37%
5.0	1347.759	11.588	32.144	1.24%	3.71%
6.0	1347.246	14.163	46.307	1.52%	5.34%
7.0	1344.759	16.709	63.016	1.79%	7.27%
8.0	1340.516	19.218	82.234	2.06%	9.49%
9.0	1333.640	21.673	103.907	2.32%	11.99%
10.0	1323.325	24.045	127.951	2.57%	14.76%
11.0	1310.158	26.314	154.265	2.82%	17.80%
12.0	1292.674	28.453	182.718	3.05%	21.08%
13.0	1271.021	30.425	213.143	3.26%	24.59%
14.0	1222.791	31.921	245.063	3.42%	28.27%
15.0	1200.962	33.274	278.338	3.56%	32.11%
16.0	1175.271	34.818	313.156	3.73%	36.13%
17.0	1136.858	36.006	349.162	3.86%	40.29%
18.0	1094.868	36.796	385.958	3.94%	44.53%
19.0	1044.005	37.212	423.17	3.98%	48.82%
20.0	987.092	37.175	460.345	3.98%	53.11%
21.0	924.707	36.710	497.056	3.93%	57.35%
22.0	857.713	35.818	532.874	3.83%	61.48%
23.0	786.623	34.503	567.377	3.69%	65.46%
24.0	710.478	32.732	600.109	3.50%	69.24%
25.0	631.436	30.512	630.621	3.27%	72.76%
26.0	556.330	28.037	658.658	3.00%	75.99%
27.0	486.541	25.514	684.172	2.73%	78.94%
28.0	412.503	22.762	706.934	2.44%	81.56%
29.0	351.428	19.987	726.921	2.14%	83.87%
30.0	298.399	17.545	744.466	1.88%	85.90%
31.0	259.079	15.514	759.98	1.66%	87.69%
32.0	204.756	13.288	773.268	1.42%	89.22%
33.0	170.249	11.048	784.316	1.18%	90.49%
34.0	133.373	9.188	793.504	0.98%	91.55%
35.0	106.789	7.459	800.963	0.80%	92.41%
36.0	87.447	6.185	807.147	0.66%	93.13%
37.0	71.178	5.173	812.321	0.55%	93.72%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	58.523	4.329	816.65	0.46%	94.22%
39.0	48.486	3.652	820.303	0.39%	94.65%
40.0	40.871	3.116	823.419	0.33%	95.00%
41.0	34.740	2.692	826.111	0.29%	95.32%
42.0	29.722	2.342	828.454	0.25%	95.59%
43.0	25.977	2.063	830.517	0.22%	95.82%
44.0	23.109	1.853	832.369	0.20%	96.04%
45.0	20.834	1.689	834.058	0.18%	96.23%
46.0	18.815	1.551	835.609	0.17%	96.41%
47.0	17.074	1.427	837.036	0.15%	96.58%
48.0	15.647	1.323	838.359	0.14%	96.73%
49.0	14.345	1.232	839.591	0.13%	96.87%
50.0	13.263	1.151	840.742	0.12%	97.00%
51.0	12.297	1.081	841.823	0.12%	97.13%
52.0	11.507	1.021	842.845	0.11%	97.25%
53.0	10.871	0.973	843.818	0.10%	97.36%
54.0	10.249	0.931	844.749	0.10%	97.47%
55.0	9.744	0.892	845.641	0.10%	97.57%
56.0	9.298	0.860	846.502	0.09%	97.67%
57.0	8.917	0.833	847.335	0.09%	97.76%
58.0	8.537	0.807	848.142	0.09%	97.86%
59.0	8.222	0.784	848.925	0.08%	97.95%
60.0	7.915	0.762	849.688	0.08%	98.04%
61.0	7.630	0.742	850.429	0.08%	98.12%
62.0	7.359	0.722	851.152	0.08%	98.20%
63.0	7.118	0.704	851.856	0.08%	98.29%
64.0	6.920	0.689	852.545	0.07%	98.37%
65.0	6.730	0.676	853.22	0.07%	98.44%
66.0	6.555	0.663	853.883	0.07%	98.52%
67.0	6.386	0.651	854.534	0.07%	98.59%
68.0	6.225	0.639	855.173	0.07%	98.67%
69.0	6.094	0.628	855.801	0.07%	98.74%
70.0	5.955	0.619	856.42	0.07%	98.81%
71.0	5.816	0.608	857.028	0.07%	98.88%
72.0	5.677	0.598	857.626	0.06%	98.95%
73.0	5.567	0.588	858.214	0.06%	99.02%
74.0	5.435	0.578	858.792	0.06%	99.09%
75.0	5.311	0.568	859.36	0.06%	99.15%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.194	0.558	859.917	0.06%	99.22%
77.0	5.070	0.547	860.465	0.06%	99.28%
78.0	4.960	0.537	861.002	0.06%	99.34%
79.0	4.821	0.526	861.527	0.06%	99.40%
80.0	4.733	0.515	862.042	0.06%	99.46%
81.0	4.616	0.506	862.548	0.05%	99.52%
82.0	4.528	0.496	863.044	0.05%	99.58%
83.0	4.418	0.486	863.53	0.05%	99.63%
84.0	4.331	0.477	864.007	0.05%	99.69%
85.0	4.265	0.469	864.476	0.05%	99.74%
86.0	4.177	0.461	864.937	0.05%	99.79%
87.0	4.126	0.454	865.392	0.05%	99.85%
88.0	4.038	0.447	865.839	0.05%	99.90%
89.0	3.987	0.440	866.279	0.05%	99.95%
90.0	3.965	0.436	866.715	0.05%	100.00%

Zonal flux distribution table

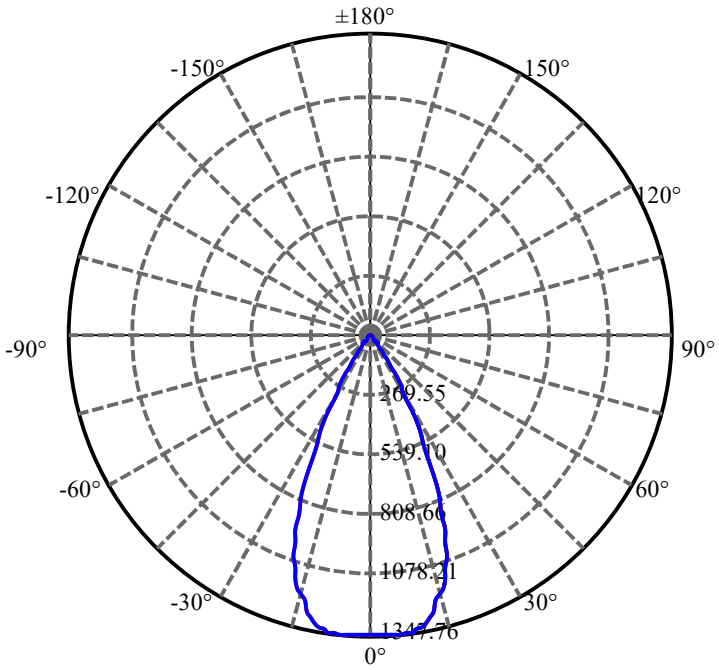
ZONAL LUMEN SUMMARY

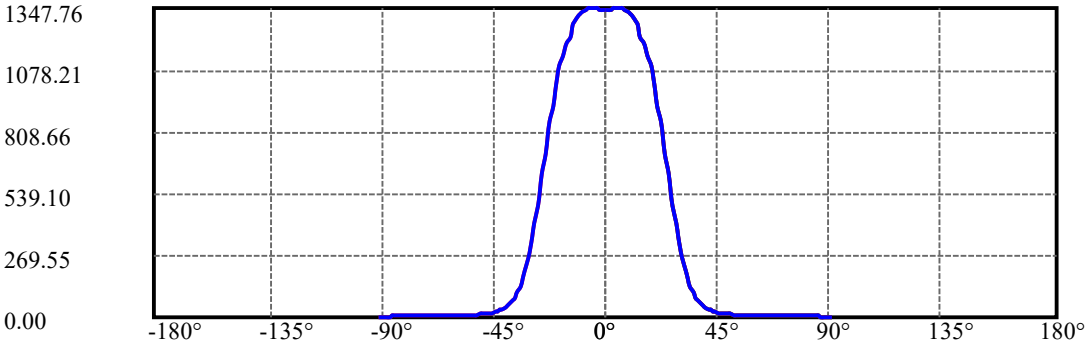
Zone	Lumens	%Lamp	%Fixt
0-30	744.47	79.71%	85.90%
0-40	823.42	88.16%	95.00%
0-60	849.69	90.97%	98.04%
0-90	866.28	92.75%	99.95%
0-120	866.28	92.75%	99.95%
0-180	866.71	92.80%	100.00%
60-90	16.59	1.78%	1.91%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.40	693.37	74.24%	80.00%

ZONAL LUMEN SUMMARY

0-10	127.95
10-20	332.39
20-30	284.12
30-40	78.95
40-50	17.32
50-60	8.95
60-70	6.73
70-80	5.62
80-90	4.24
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):

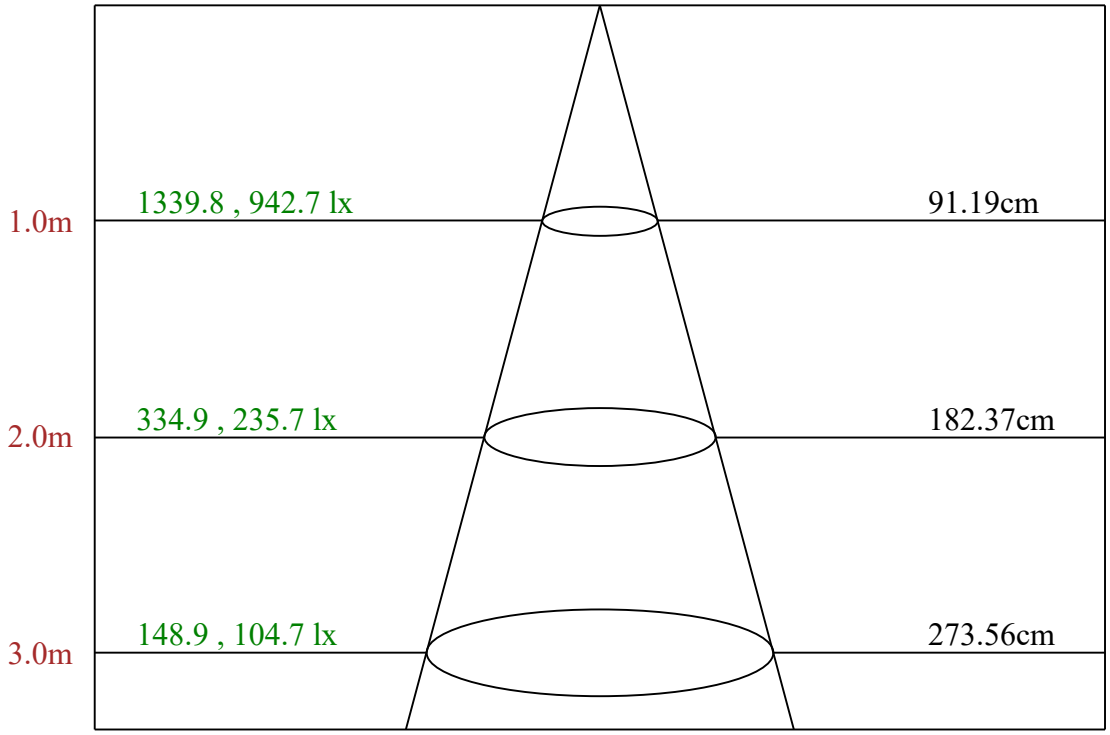
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:34.0 Right:34.0
:C90/270Left:34.0 Right:34.0

Beam Angle(50%Imax):C0/180Left:24.5 Right:24.5
:C90/270Left:24.5 Right:24.5

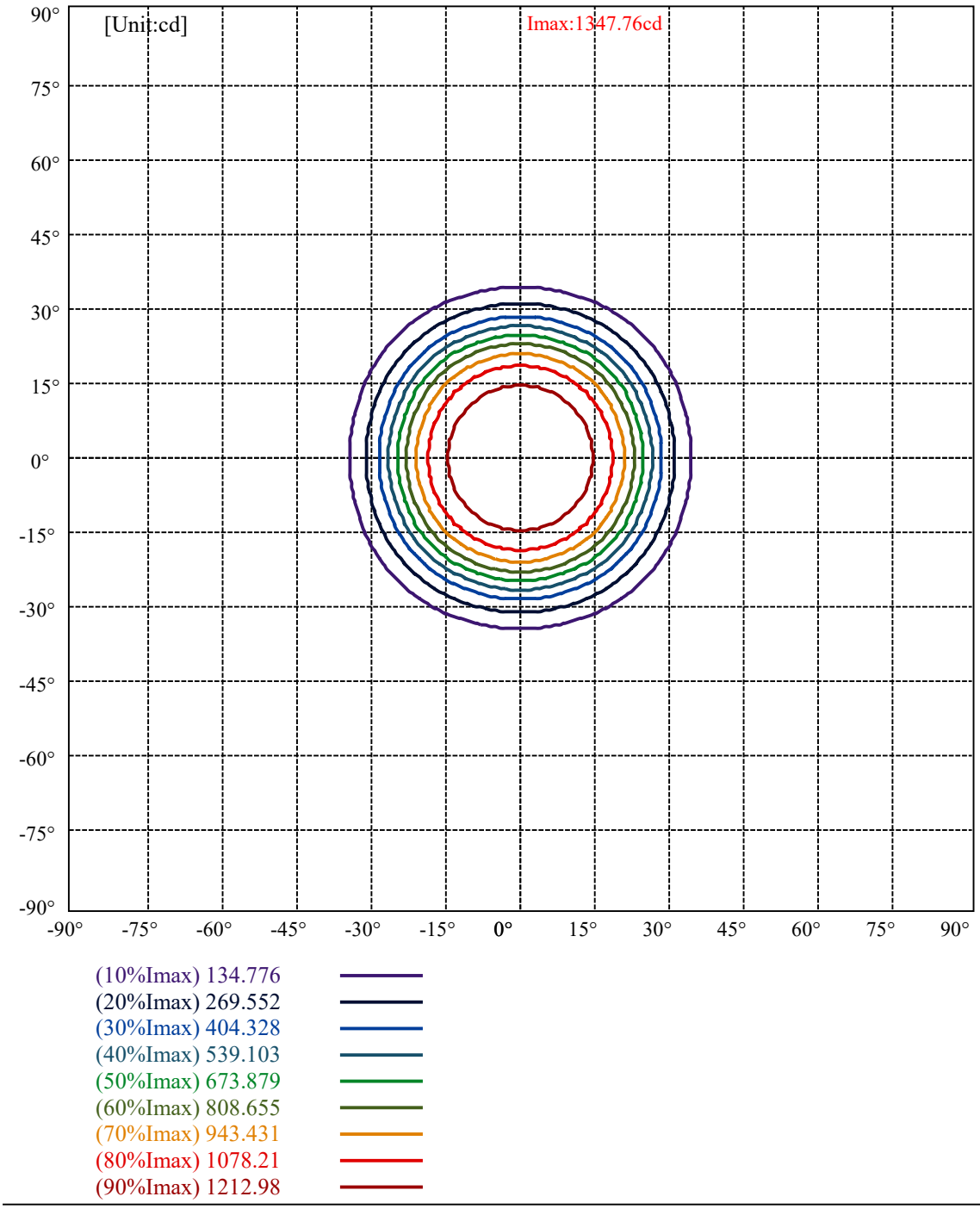
Lux distance Curve



Max , Ave

Beam angle of C0 plane 49.02

ISO-Intensity(V-H)

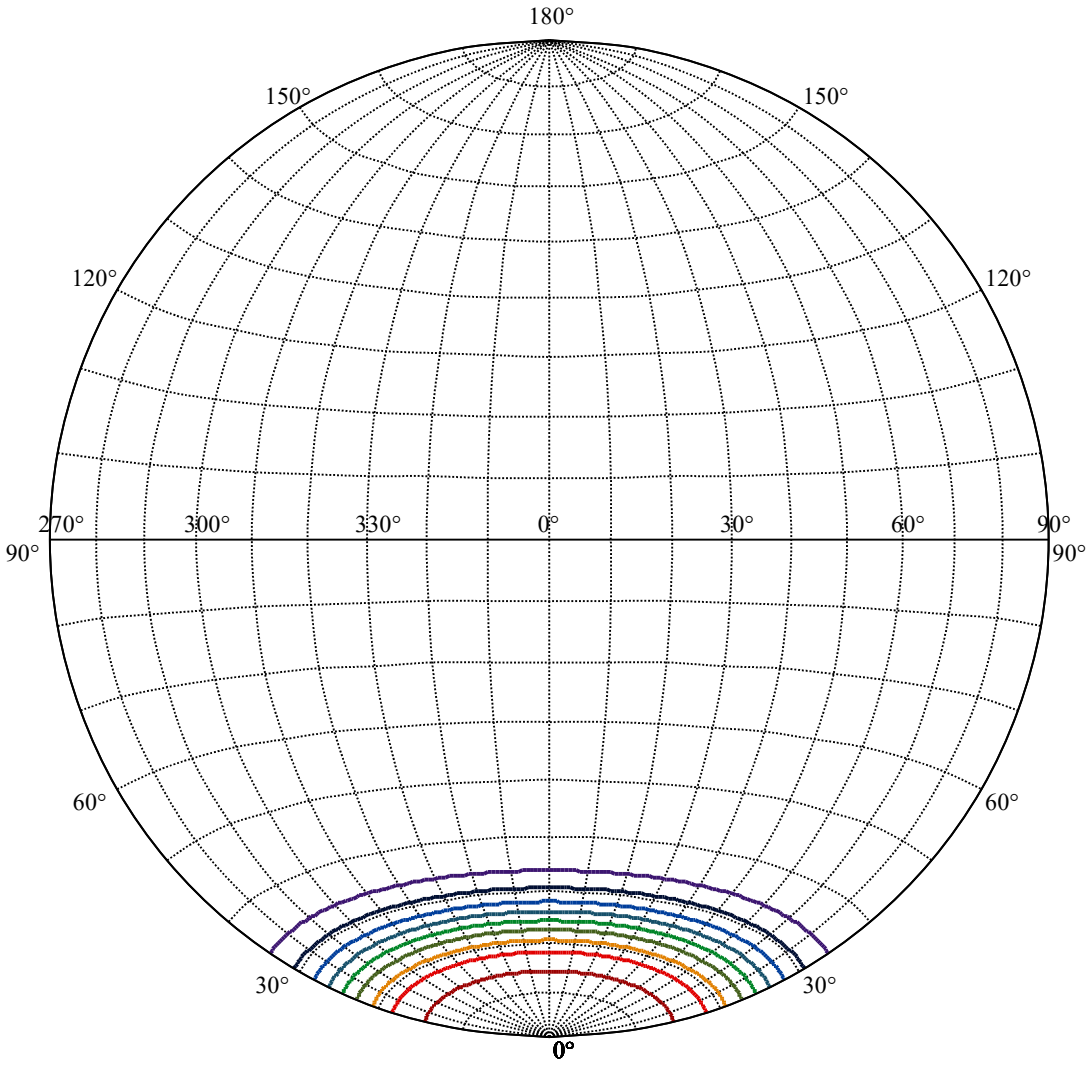


Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:1347.76

(10%Imax) 134.776
(20%Imax) 269.552
(30%Imax) 404.328
(40%Imax) 539.103
(50%Imax) 673.879
(60%Imax) 808.655
(70%Imax) 943.431
(80%Imax) 1078.21
(90%Imax) 1212.98

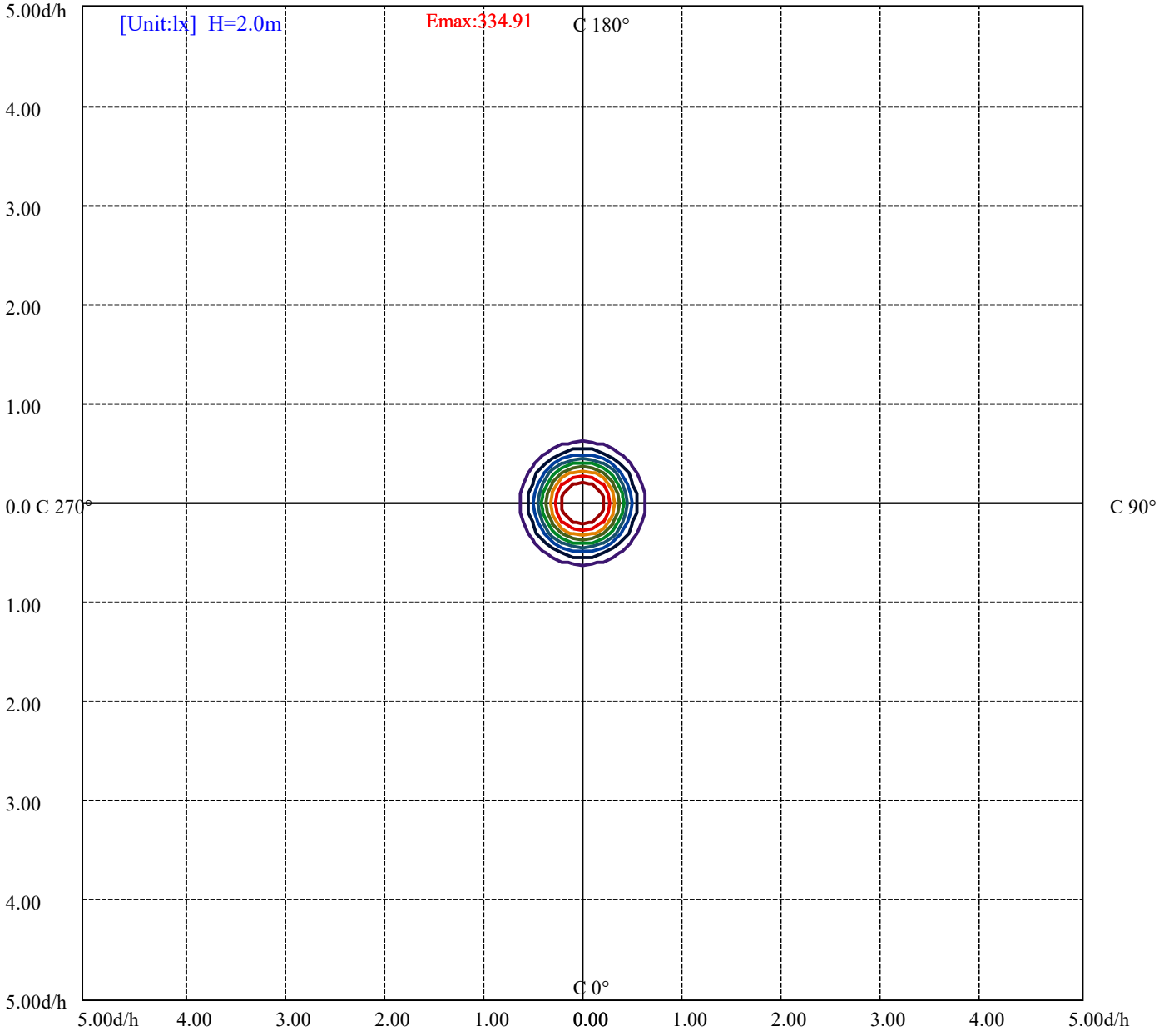
Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

NT 1-1546-L & 92.70.395.00

ISO illuminance diagram



(10%Emax) 33.491
(20%Emax) 66.982
(30%Emax) 100.473
(40%Emax) 133.9637
(50%Emax) 167.4547
(60%Emax) 200.9458
(70%Emax) 234.4368
(80%Emax) 267.9275
(90%Emax) 301.4175

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

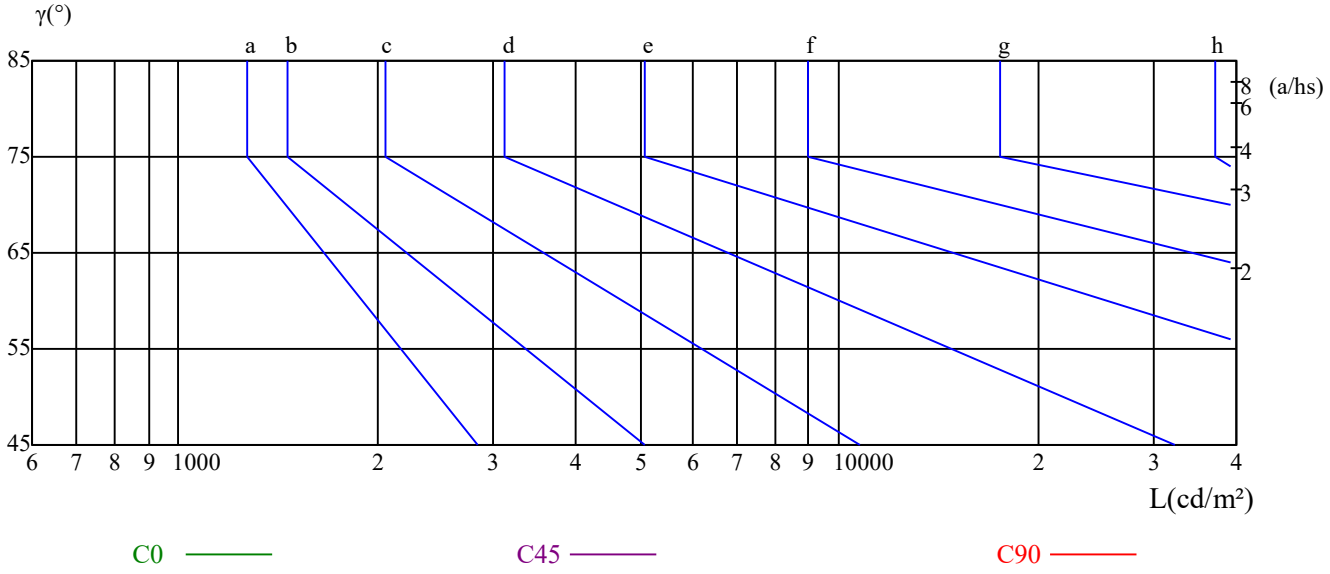
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

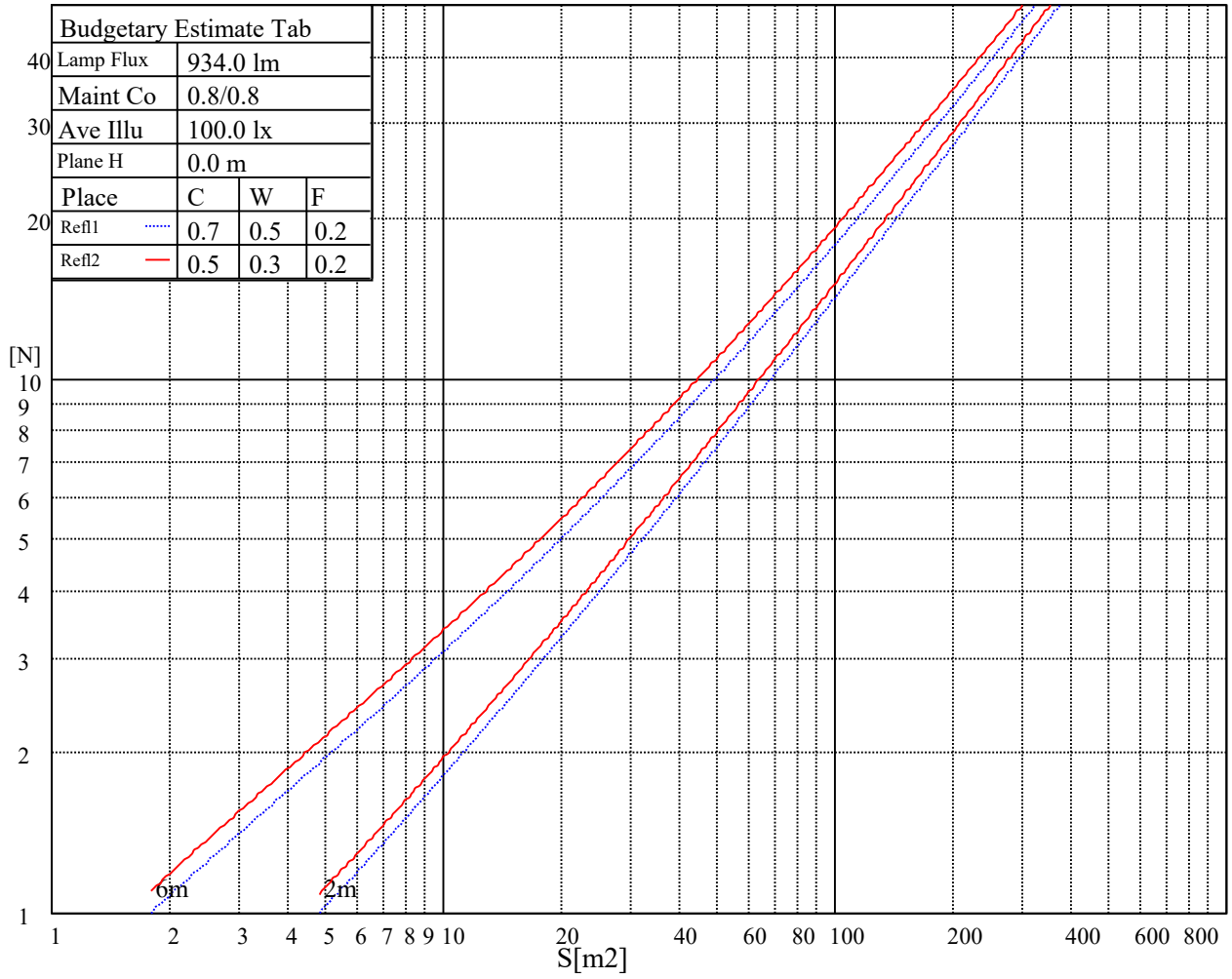
Luminance Limitting Curve



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	Date: 2024/11/14	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	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	1.10	1.10	1.10	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.03	1.01	0.99	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.93	0.91	0.91	0.90	0.89	0.87
2	0.97	0.93	0.90	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.87	0.85	0.84	0.82
3	0.91	0.87	0.83	0.90	0.86	0.83	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.77
4	0.86	0.81	0.78	0.85	0.81	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.75	0.73
5	0.81	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.71	0.76	0.73	0.71	0.69
6	0.77	0.72	0.69	0.76	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.70	0.67	0.66
7	0.73	0.68	0.65	0.73	0.68	0.65	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.63
8	0.70	0.65	0.62	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
9	0.67	0.62	0.59	0.66	0.62	0.58	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.57
10	0.64	0.59	0.56	0.63	0.59	0.56	0.63	0.58	0.56	0.62	0.58	0.55	0.61	0.58	0.55	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	1337.30	1329.10	1324.42	1320.33	1313.89	1308.04	1304.53	1298.09	1290.48
45.0	1349.00	1339.05	1329.69	1324.42	1318.57	1314.47	1310.96	1306.28	1303.35
90.0	1337.88	1336.71	1336.71	1341.98	1341.98	1341.39	1339.05	1334.96	1327.93
135.0	1334.37	1337.88	1343.15	1349.00	1354.27	1360.71	1364.80	1369.49	1370.07
180.0	1337.30	1347.83	1357.78	1369.49	1380.02	1388.80	1394.65	1396.99	1396.41
225.0	1349.00	1360.12	1367.73	1374.17	1381.19	1389.97	1389.38	1382.95	1378.85
270.0	1337.88	1341.39	1341.98	1344.91	1349.00	1351.34	1350.17	1349.59	1345.49
315.0	1334.37	1330.86	1327.93	1326.76	1327.93	1327.35	1324.42	1319.74	1311.55
360.0	1337.30	1329.10	1324.42	1320.33	1313.89	1308.04	1304.53	1298.09	1290.48

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1283.46	1272.34	1258.88	1243.66	1224.35	1164.25	1164.25	1144.29	1114.62
45.0	1298.67	1291.06	1282.29	1268.24	1250.10	1233.13	1213.82	1186.31	1161.14
90.0	1319.16	1306.87	1292.24	1271.75	1250.68	1164.07	1164.07	1156.35	1120.53
135.0	1363.63	1356.02	1346.08	1326.18	1306.87	1281.70	1254.20	1215.57	1181.04
180.0	1393.48	1382.36	1368.90	1352.51	1329.10	1293.41	1258.88	1220.25	1164.66
225.0	1365.39	1352.51	1334.96	1313.30	1277.60	1222.59	1157.40	1145.40	1094.90
270.0	1340.81	1332.03	1319.74	1305.11	1288.14	1259.46	1231.37	1186.31	1146.51
315.0	1304.53	1293.41	1278.19	1260.63	1241.32	1163.72	1163.72	1147.68	1111.46
360.0	1283.46	1272.34	1258.88	1243.66	1224.35	1164.25	1164.25	1144.29	1114.62

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1080.56	1041.47	986.75	936.71	881.76	820.72	756.64	671.96	601.03
45.0	1131.30	1090.92	1051.71	1006.65	944.03	888.43	826.40	743.88	675.41
90.0	1073.19	1027.13	976.92	905.99	842.55	775.77	690.86	622.04	554.15
135.0	1141.25	1095.01	1027.71	968.02	904.82	821.13	749.73	657.27	583.53
180.0	1114.33	1058.15	997.28	912.42	837.52	760.27	663.70	588.79	493.40
225.0	1042.75	967.55	901.48	830.67	739.72	665.99	593.18	521.03	437.16
270.0	1104.38	1058.73	994.36	934.66	870.87	804.16	718.13	649.07	577.68
315.0	1071.20	1013.08	960.53	902.53	840.44	756.52	685.18	597.46	528.28
360.0	1080.56	1041.47	986.75	936.71	881.76	820.72	756.64	671.96	601.03

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	529.80	444.42	384.79	315.44	266.57	223.44	177.73	147.01	120.38
45.0	606.94	537.88	454.19	393.91	336.56	297.35	297.35	187.68	148.30
90.0	467.01	400.82	341.77	289.10	232.45	193.36	160.53	132.26	103.64
135.0	508.62	422.01	359.97	304.96	304.96	200.26	166.79	138.11	114.24
180.0	429.61	366.99	309.64	296.77	237.43	165.15	136.24	112.77	89.25
225.0	376.83	320.64	269.61	214.89	177.62	139.46	115.06	95.04	74.91
270.0	513.89	427.86	369.34	300.86	300.86	240.35	161.35	133.49	110.20
315.0	459.64	379.40	322.11	271.25	216.18	178.67	146.95	120.61	93.40
360.0	529.80	444.42	384.79	315.44	266.57	223.44	177.73	147.01	120.38

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	98.90	81.17	64.37	54.31	46.29	38.51	33.59	28.85	25.87
45.0	122.37	101.13	78.89	65.19	54.72	46.41	38.27	33.18	29.14
90.0	85.03	67.01	56.01	46.94	38.68	33.18	28.97	24.81	22.24
135.0	89.83	74.09	61.68	49.63	42.19	36.11	30.49	27.04	24.40
180.0	74.03	59.17	50.04	42.19	34.59	29.73	25.22	22.41	20.19
225.0	62.33	52.55	44.48	36.40	31.31	27.33	24.23	21.24	19.31
270.0	90.94	71.22	59.52	50.15	42.49	34.88	30.37	26.63	23.17
315.0	76.14	63.09	53.20	43.07	36.69	31.78	26.63	23.64	20.54
360.0	98.90	81.17	64.37	54.31	46.29	38.51	33.59	28.85	25.87

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	23.47	21.36	19.14	17.56	16.15	14.63	13.58	12.70	11.94
45.0	25.87	22.71	20.60	18.73	16.80	15.51	14.10	13.17	12.35
90.0	20.07	18.20	16.27	14.92	13.87	12.87	11.94	11.24	10.53
135.0	21.71	19.96	18.38	16.97	15.33	14.22	13.23	12.17	11.47
180.0	18.32	16.39	15.04	13.87	12.87	12.06	11.18	10.59	10.07
225.0	17.67	15.86	14.63	13.52	12.41	11.65	10.83	10.24	9.77
270.0	20.95	19.08	17.03	15.63	14.40	13.11	12.23	11.47	10.83
315.0	18.61	16.97	15.51	13.99	12.93	12.06	11.29	10.48	10.01
360.0	23.47	21.36	19.14	17.56	16.15	14.63	13.58	12.70	11.94

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	11.06	10.48	9.95	9.48	9.01	8.66	8.25	7.96	7.67
45.0	11.65	10.94	10.42	9.89	9.48	8.95	8.60	8.19	7.84
90.0	10.01	9.60	9.07	8.72	8.37	8.08	7.72	7.49	7.26
135.0	10.83	10.12	9.66	9.19	8.66	8.37	8.08	7.78	7.49
180.0	9.48	9.13	8.72	8.43	8.13	7.90	7.61	7.43	7.14
225.0	9.31	8.95	8.60	8.31	8.08	7.78	7.49	7.26	7.02
270.0	10.12	9.66	9.25	8.90	8.49	8.19	7.96	7.61	7.37
315.0	9.54	9.07	8.72	8.43	8.08	7.84	7.61	7.32	7.08
360.0	11.06	10.48	9.95	9.48	9.01	8.66	8.25	7.96	7.67

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.37	7.14	6.96	6.73	6.55	6.38	6.26	6.09	5.97
45.0	7.49	7.26	7.02	6.85	6.67	6.44	6.32	6.20	5.97
90.0	7.02	6.85	6.67	6.50	6.32	6.14	6.03	5.85	5.79
135.0	7.20	7.02	6.85	6.61	6.44	6.32	6.14	6.03	5.85
180.0	7.02	6.79	6.61	6.50	6.32	6.14	6.03	5.85	5.74
225.0	6.85	6.67	6.44	6.32	6.20	6.03	5.91	5.79	5.68
270.0	7.08	6.91	6.73	6.55	6.38	6.26	6.09	5.97	5.85
315.0	6.91	6.73	6.55	6.38	6.20	6.09	5.97	5.85	5.68
360.0	7.37	7.14	6.96	6.73	6.55	6.38	6.26	6.09	5.97

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.85	5.74	5.56	5.44	5.33	5.15	5.03	4.92	4.86
45.0	5.85	5.79	5.62	5.50	5.38	5.27	5.15	4.97	4.92
90.0	5.62	5.50	5.38	5.27	5.15	5.03	4.92	4.80	4.74
135.0	5.74	5.62	5.50	5.33	5.27	5.15	5.03	4.86	4.80
180.0	5.62	5.50	5.38	5.27	5.09	5.03	4.92	4.80	4.68
225.0	5.50	5.38	5.27	5.15	5.03	4.92	4.80	4.68	4.56
270.0	5.68	5.56	5.44	5.33	5.21	5.09	4.97	4.80	4.68
315.0	5.56	5.44	5.33	5.21	5.09	4.92	4.86	4.74	4.62
360.0	5.85	5.74	5.56	5.44	5.33	5.15	5.03	4.92	4.86

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	4.74	4.62	4.51	4.45	4.39	4.27	4.21	4.16	4.10
45.0	4.80	4.68	4.51	4.45	4.33	4.27	4.21	4.10	4.04
90.0	4.56	4.51	4.45	4.33	4.27	4.16	4.10	4.10	3.98
135.0	4.68	4.62	4.51	4.33	4.27	4.21	4.16	4.04	3.98
180.0	4.56	4.45	4.33	4.27	4.21	4.16	4.10	3.98	3.92
225.0	4.45	4.39	4.33	4.21	4.16	4.10	4.04	3.92	3.98
270.0	4.62	4.51	4.39	4.33	4.27	4.16	4.10	4.04	3.98
315.0	4.51	4.45	4.33	4.27	4.21	4.10	4.10	3.98	3.92
360.0	4.74	4.62	4.51	4.45	4.39	4.27	4.21	4.16	4.10

Intensity data(cd)

C/γ(°)	90.0
0.0	4.04
45.0	3.98
90.0	3.98
135.0	3.92
180.0	3.92
225.0	3.98
270.0	3.98
315.0	3.92
360.0	4.04