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NT

Client: NT

LumCAT: 1-1546-L & 92.70.378.00

Luminaire: 92.70.457.00 LED HOLDER

Report No: 20241114-B017

Ballast type: AC

Test No: 20241114-C017

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): 865.62, Efficiency(%): 92.68% , Luminous Efficacy(lm/W): 156.25

Central intensity(cd): 1324.130, Maximum intensity(cd): 1345.564

Angle of maximum intensity: C=0.0 γ =7.0

Beam Angle(50%Imax): [C0/180]Total=49.8

[C90/270]Total=49.8

Field angle(10%Imax): [C0/180]Total=66.0

[C90/270]Total=66.0

Maximum s/h(1/2): C0_180=0.83 C90_270=0.83

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(%): 92.68%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.808%

Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1324.130	0.000	0	0.00%	0.00%
1.0	1325.227	1.268	1.268	0.14%	0.15%
2.0	1328.300	3.809	5.076	0.41%	0.59%
3.0	1334.591	6.369	11.445	0.68%	1.32%
4.0	1339.931	8.952	20.398	0.96%	2.36%
5.0	1343.296	11.543	31.941	1.24%	3.69%
6.0	1344.906	14.127	46.068	1.51%	5.32%
7.0	1345.564	16.700	62.768	1.79%	7.25%
8.0	1340.736	19.225	81.993	2.06%	9.47%
9.0	1331.226	21.655	103.648	2.32%	11.97%
10.0	1317.473	23.970	127.617	2.57%	14.74%
11.0	1297.210	26.126	153.743	2.80%	17.76%
12.0	1268.907	28.051	181.795	3.00%	21.00%
13.0	1243.186	29.812	211.607	3.19%	24.45%
14.0	1225.395	31.598	243.205	3.38%	28.10%
15.0	1183.991	33.077	276.282	3.54%	31.92%
16.0	1159.857	34.344	310.626	3.68%	35.88%
17.0	1130.552	35.668	346.294	3.82%	40.01%
18.0	1088.255	36.583	382.877	3.92%	44.23%
19.0	1040.874	37.042	419.919	3.97%	48.51%
20.0	990.040	37.171	457.091	3.98%	52.81%
21.0	935.519	36.975	494.065	3.96%	57.08%
22.0	869.308	36.269	530.334	3.88%	61.27%
23.0	802.739	35.084	565.418	3.76%	65.32%
24.0	729.264	33.495	598.913	3.59%	69.19%
25.0	650.339	31.369	630.282	3.36%	72.81%
26.0	569.958	28.805	659.088	3.08%	76.14%
27.0	487.580	25.873	684.96	2.77%	79.13%
28.0	413.088	22.803	707.764	2.44%	81.76%
29.0	338.084	19.653	727.416	2.10%	84.03%
30.0	281.735	16.735	744.151	1.79%	85.97%
31.0	246.972	14.713	758.864	1.58%	87.67%
32.0	190.900	12.545	771.409	1.34%	89.12%
33.0	131.954	9.511	780.92	1.02%	90.22%
34.0	106.079	7.204	788.124	0.77%	91.05%
35.0	87.528	6.013	794.137	0.64%	91.74%
36.0	73.614	5.131	799.267	0.55%	92.33%
37.0	63.190	4.462	803.729	0.48%	92.85%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	55.136	3.950	807.679	0.42%	93.31%
39.0	48.559	3.539	811.218	0.38%	93.72%
40.0	42.699	3.183	814.401	0.34%	94.08%
41.0	38.281	2.884	817.285	0.31%	94.42%
42.0	34.309	2.637	819.922	0.28%	94.72%
43.0	31.178	2.426	822.348	0.26%	95.00%
44.0	28.259	2.243	824.591	0.24%	95.26%
45.0	25.845	2.079	826.67	0.22%	95.50%
46.0	23.702	1.938	828.608	0.21%	95.72%
47.0	21.865	1.812	830.42	0.19%	95.93%
48.0	20.081	1.696	832.116	0.18%	96.13%
49.0	18.486	1.584	833.7	0.17%	96.31%
50.0	17.176	1.487	835.187	0.16%	96.48%
51.0	15.947	1.401	836.588	0.15%	96.65%
52.0	14.923	1.325	837.913	0.14%	96.80%
53.0	14.023	1.259	839.172	0.13%	96.94%
54.0	13.219	1.201	840.373	0.13%	97.08%
55.0	12.516	1.149	841.521	0.12%	97.22%
56.0	11.902	1.103	842.625	0.12%	97.34%
57.0	11.302	1.061	843.686	0.11%	97.47%
58.0	10.775	1.021	844.707	0.11%	97.58%
59.0	10.315	0.986	845.693	0.11%	97.70%
60.0	9.846	0.952	846.645	0.10%	97.81%
61.0	9.429	0.920	847.565	0.10%	97.91%
62.0	9.005	0.888	848.453	0.10%	98.02%
63.0	8.669	0.860	849.313	0.09%	98.12%
64.0	8.325	0.834	850.147	0.09%	98.21%
65.0	8.054	0.811	850.957	0.09%	98.31%
66.0	7.740	0.788	851.745	0.08%	98.40%
67.0	7.484	0.765	852.511	0.08%	98.49%
68.0	7.242	0.746	853.257	0.08%	98.57%
69.0	7.015	0.727	853.984	0.08%	98.66%
70.0	6.796	0.709	854.693	0.08%	98.74%
71.0	6.584	0.692	855.385	0.07%	98.82%
72.0	6.386	0.674	856.059	0.07%	98.90%
73.0	6.196	0.658	856.717	0.07%	98.97%
74.0	6.013	0.642	857.359	0.07%	99.05%
75.0	5.830	0.626	857.985	0.07%	99.12%

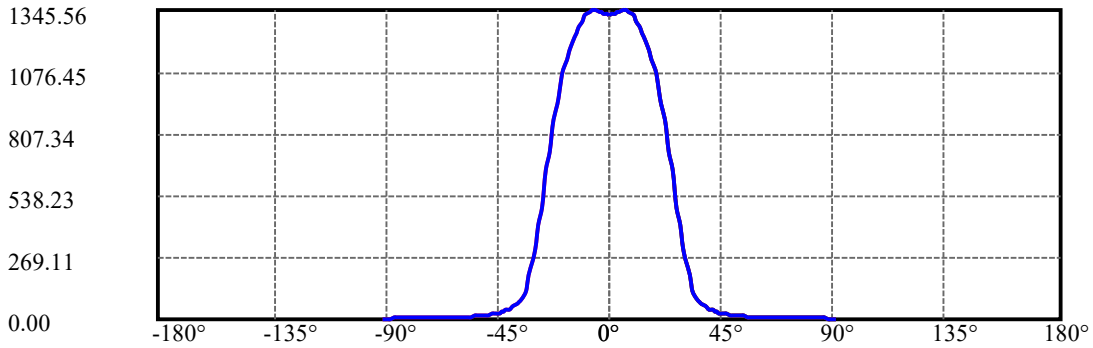
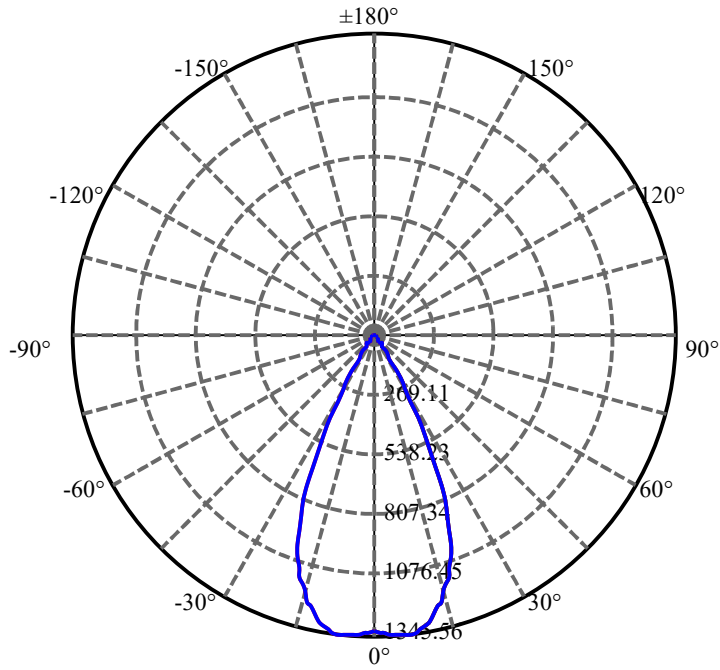
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.647	0.609	858.594	0.07%	99.19%
77.0	5.457	0.592	859.186	0.06%	99.26%
78.0	5.304	0.576	859.762	0.06%	99.32%
79.0	5.106	0.559	860.322	0.06%	99.39%
80.0	4.945	0.542	860.864	0.06%	99.45%
81.0	4.813	0.528	861.391	0.06%	99.51%
82.0	4.667	0.514	861.905	0.06%	99.57%
83.0	4.543	0.501	862.406	0.05%	99.63%
84.0	4.426	0.489	862.895	0.05%	99.69%
85.0	4.338	0.478	863.373	0.05%	99.74%
86.0	4.199	0.467	863.84	0.05%	99.79%
87.0	4.119	0.455	864.295	0.05%	99.85%
88.0	4.045	0.447	864.742	0.05%	99.90%
89.0	3.987	0.440	865.182	0.05%	99.95%
90.0	3.965	0.436	865.618	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	744.15	79.67%	85.97%
0-40	814.40	87.19%	94.08%
0-60	846.65	90.65%	97.81%
0-90	865.18	92.63%	99.95%
0-120	865.18	92.63%	99.95%
0-180	865.62	92.68%	100.00%
60-90	18.54	1.98%	2.14%
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%
0-27.33	692.49	74.14%	80.00%

ZONAL LUMEN SUMMARY

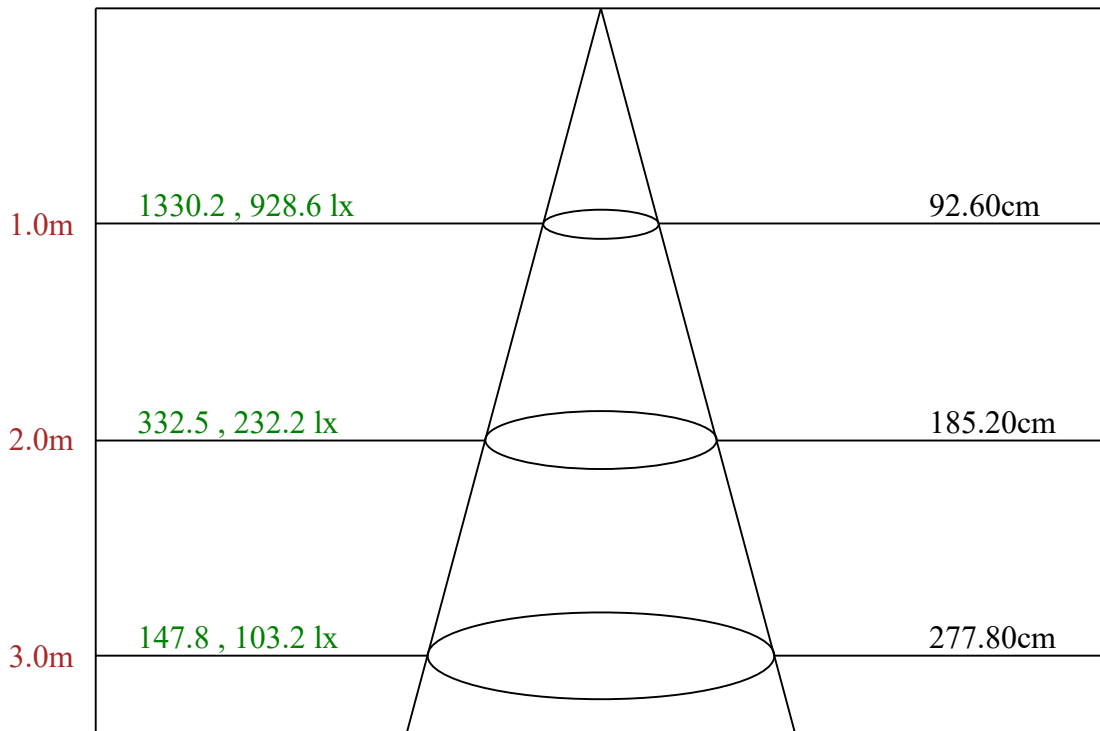
0-10	127.62
10-20	329.47
20-30	287.06
30-40	70.25
40-50	20.79
50-60	11.46
60-70	8.05
70-80	6.17
80-90	4.32
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



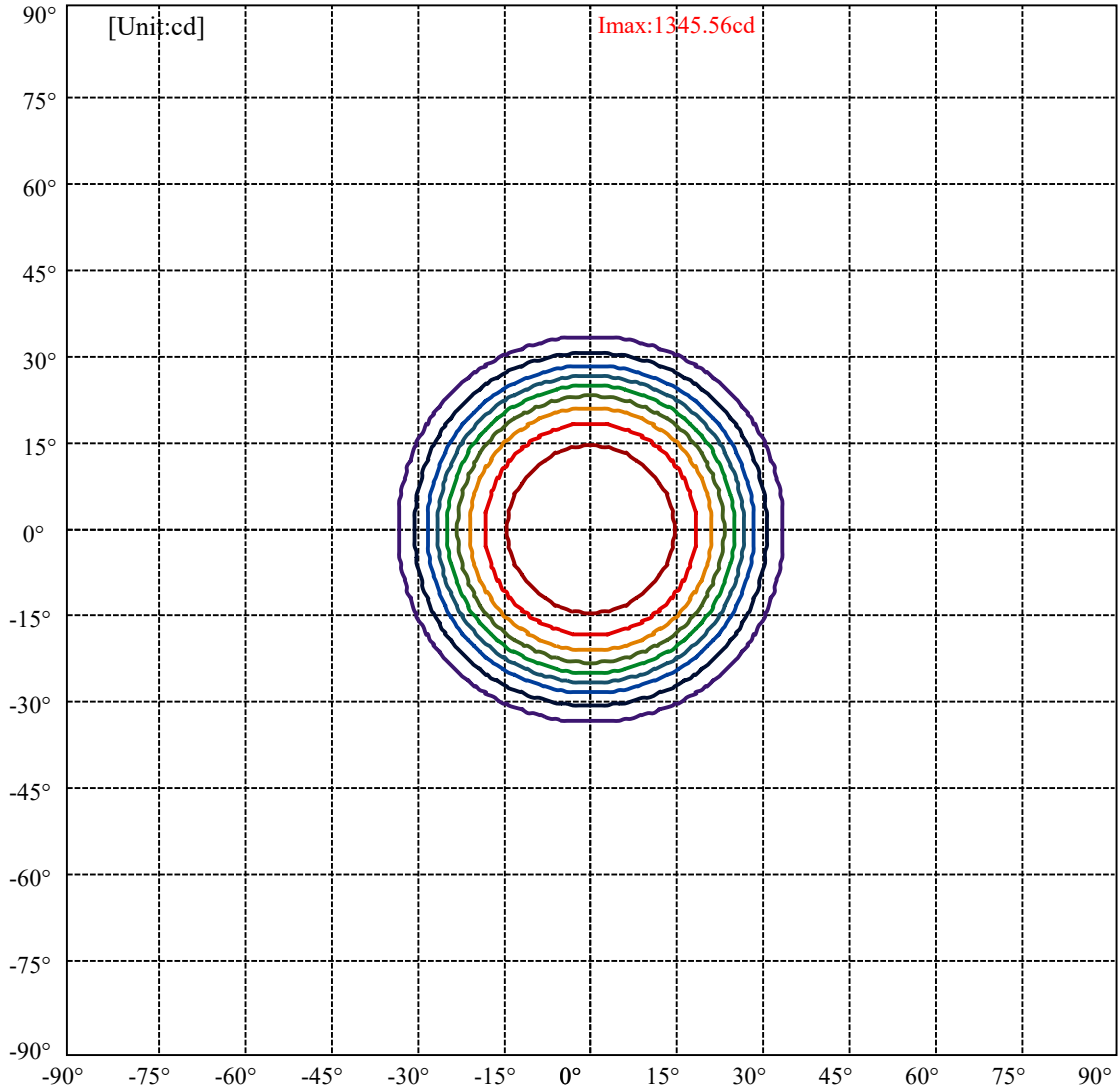
C0(Max): —————
C0/C180: —————
C90/C270: —————

Field angle(10%Imax):C0/180Left:33.0 Right:33.0
:C90/270Left:33.0 Right:33.0

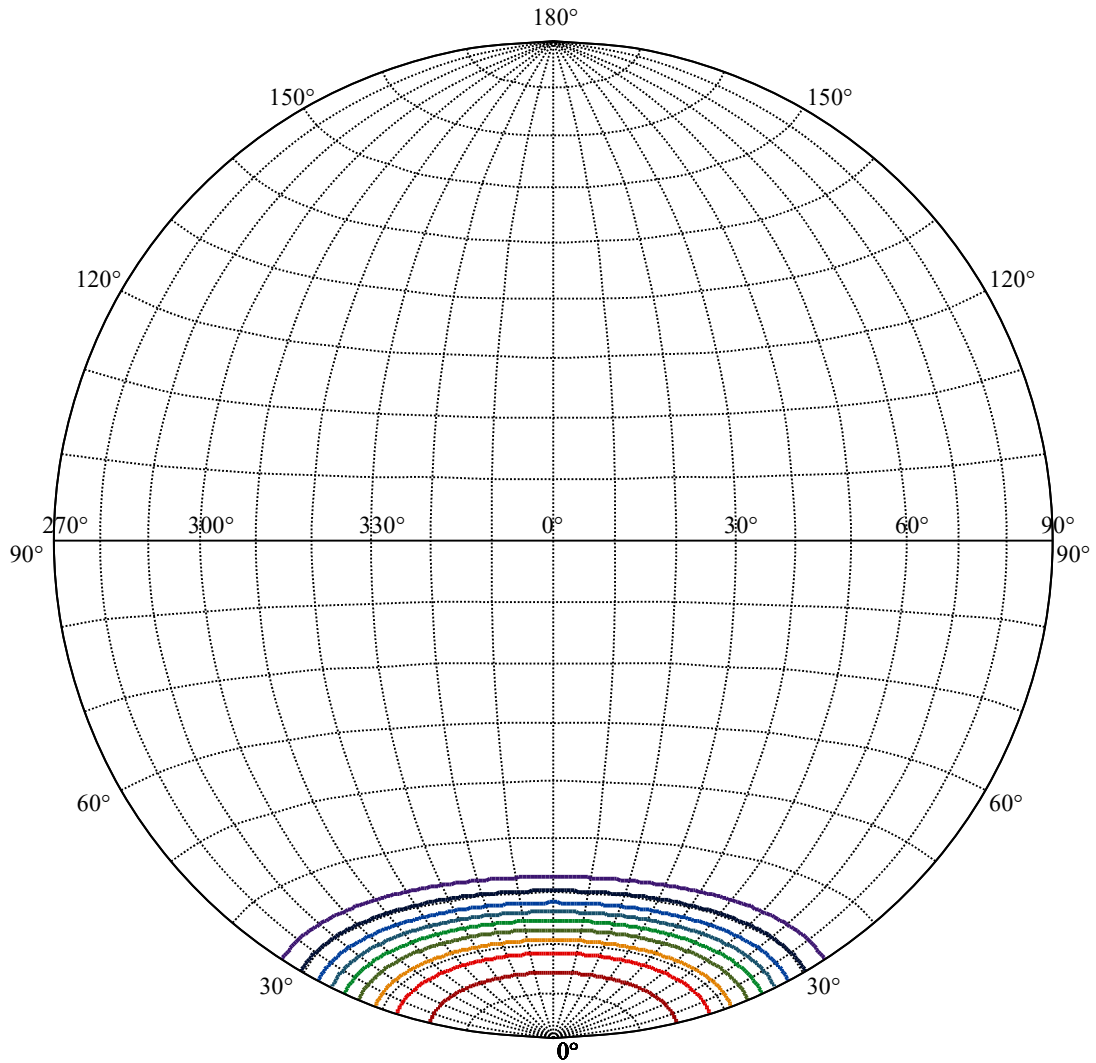
Beam Angle(50%Imax):C0/180Left:24.9 Right:24.9
:C90/270Left:24.9 Right:24.9



Max , Ave Beam angle of C0 plane 49.69



(10%Imax) 134.556	—
(20%Imax) 269.113	—
(30%Imax) 403.669	—
(40%Imax) 538.226	—
(50%Imax) 672.782	—
(60%Imax) 807.338	—
(70%Imax) 941.895	—
(80%Imax) 1076.45	—
(90%Imax) 1211.01	—



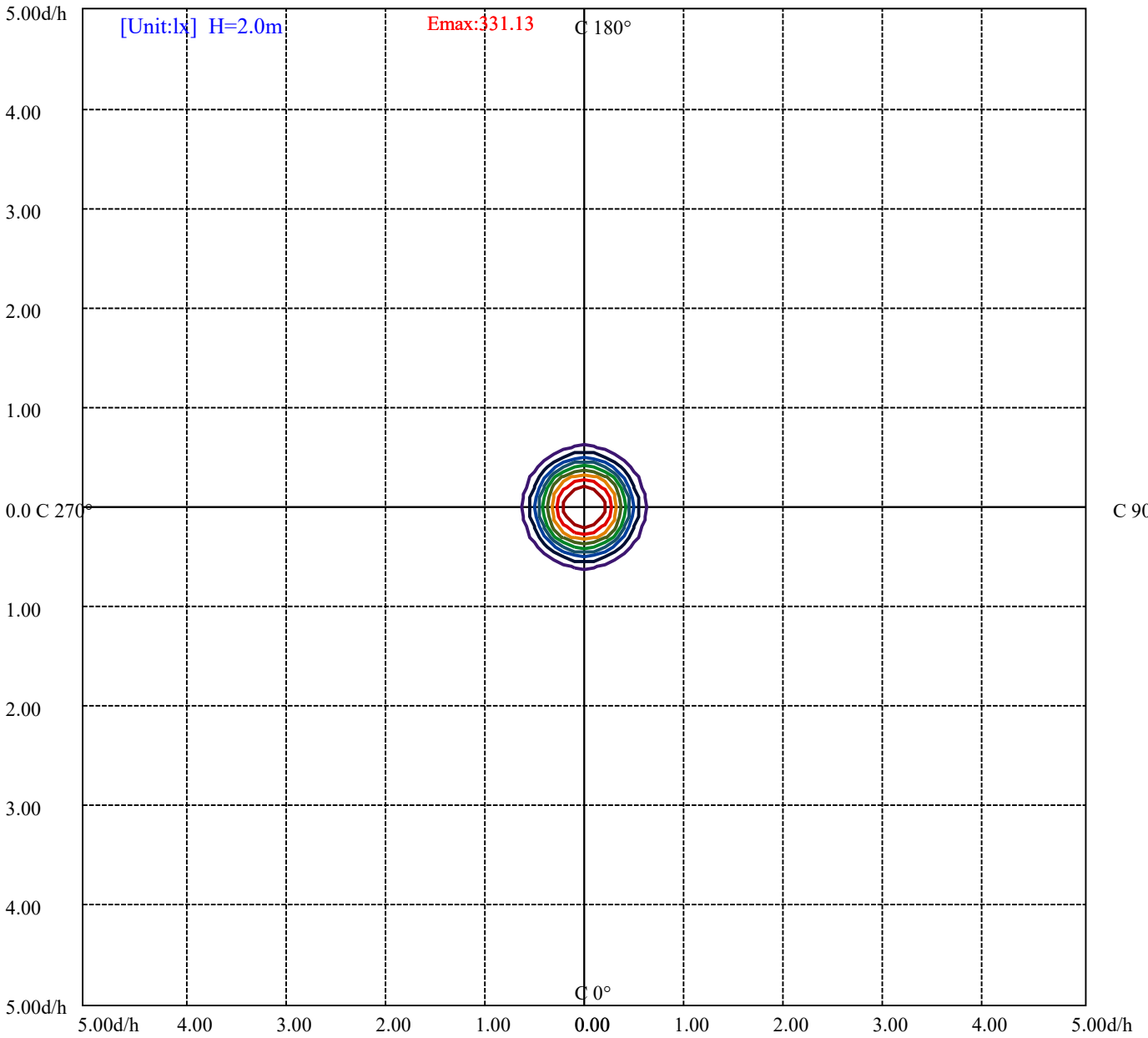
House

[Unit:cd]

Road

Imax:1345.56

(10%Imax)	134.556	—
(20%Imax)	269.113	—
(30%Imax)	403.669	—
(40%Imax)	538.226	—
(50%Imax)	672.782	—
(60%Imax)	807.338	—
(70%Imax)	941.895	—
(80%Imax)	1076.45	—
(90%Imax)	1211.01	—



(10%Emax) 33.113	—
(20%Emax) 66.226	—
(30%Emax) 99.339	—
(40%Emax) 132.452	—
(50%Emax) 165.565	—
(60%Emax) 198.6783	—
(70%Emax) 231.7912	—
(80%Emax) 264.905	—
(90%Emax) 298.0175	—

Luminance Limiting Curve(no luminous side)

Luminance Table

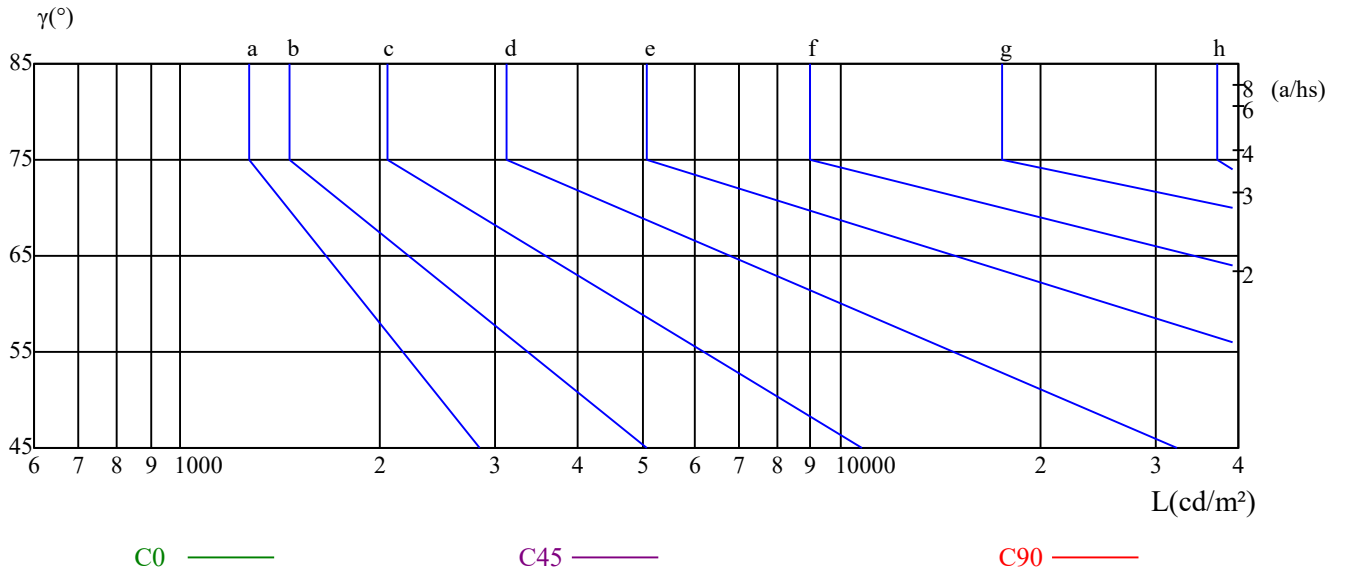
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

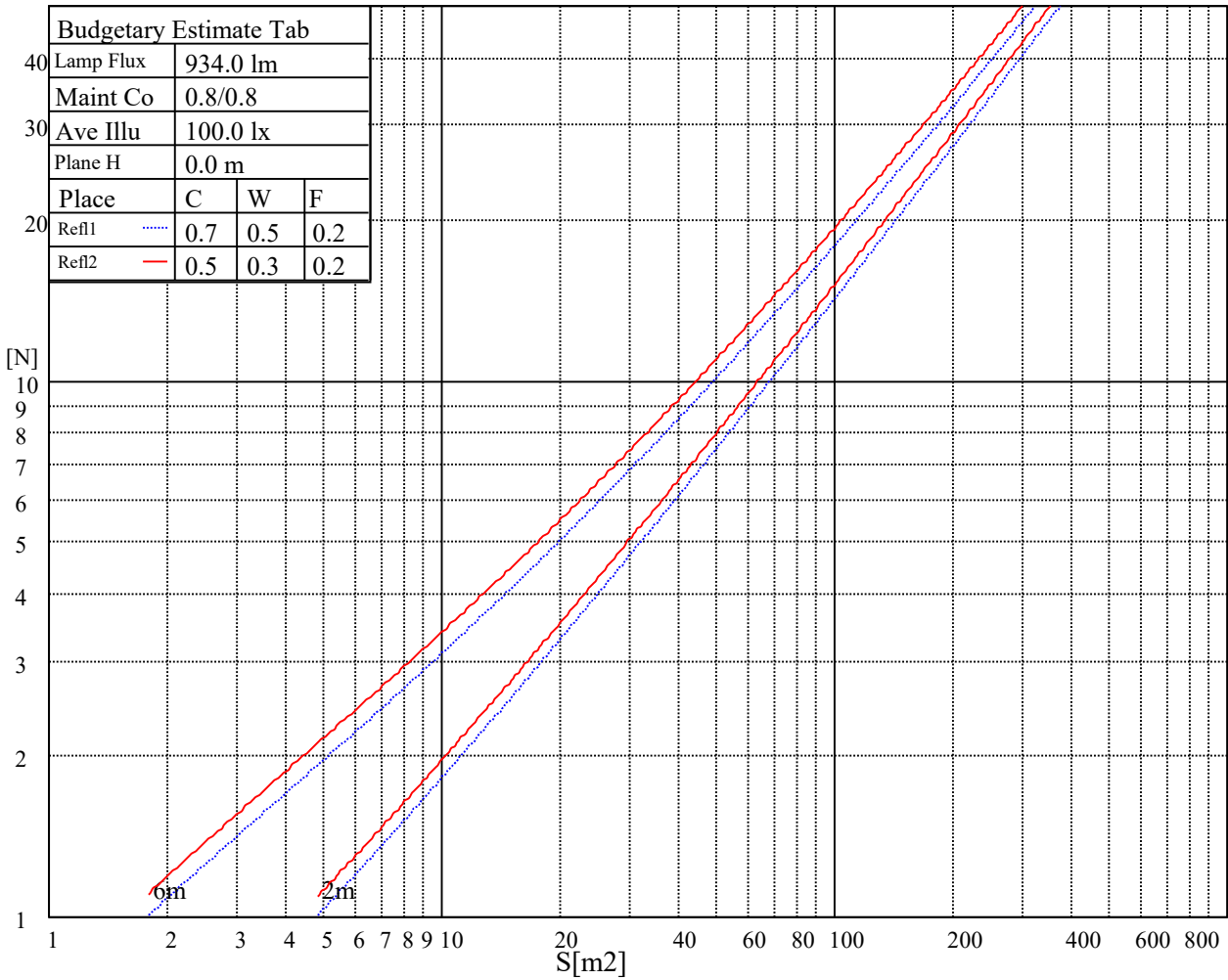
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting 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	
	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	
	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	
	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	
	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	
	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	
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	
	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	
	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	
	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	
	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	
	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	
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	
	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	
	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	
	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	
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	
	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	
	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	
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



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	COEFFICIENTS 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	0.92	0.91	0.91	0.90	0.89	0.87
2	0.96	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	0.83	0.82
3	0.91	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.80	0.79	0.77
4	0.86	0.81	0.77	0.85	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.73
5	0.81	0.76	0.72	0.80	0.76	0.72	0.79	0.75	0.72	0.77	0.74	0.71	0.76	0.73	0.70	0.69
6	0.77	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.72	0.69	0.67	0.65
7	0.73	0.68	0.65	0.73	0.68	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.63	0.62
8	0.70	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.59
9	0.66	0.62	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.56
10	0.64	0.59	0.55	0.63	0.59	0.55	0.62	0.58	0.55	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	1326.76	1327.35	1333.79	1340.22	1346.08	1350.76	1352.51	1351.93	1349.59
45.0	1323.84	1326.76	1329.69	1338.47	1348.42	1357.20	1359.54	1369.49	1370.66
90.0	1326.76	1332.62	1345.49	1356.61	1368.31	1372.41	1380.02	1383.53	1377.68
135.0	1319.16	1323.25	1327.93	1336.13	1345.49	1351.93	1358.95	1364.22	1365.39
180.0	1326.76	1327.93	1330.86	1338.47	1343.15	1347.83	1351.34	1350.76	1347.83
225.0	1323.84	1324.42	1323.25	1327.35	1330.27	1326.76	1322.08	1316.81	1299.26
270.0	1326.76	1320.91	1314.47	1313.89	1310.96	1312.72	1310.96	1305.70	1301.60
315.0	1319.16	1318.57	1320.91	1325.59	1326.76	1326.76	1323.84	1322.08	1313.89
360.0	1326.76	1327.35	1333.79	1340.22	1346.08	1350.76	1352.51	1351.93	1349.59
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1339.64	1326.76	1308.62	1284.63	1258.88	1239.57	1166.35	1166.35	1139.02
45.0	1370.66	1364.80	1352.51	1336.71	1309.79	1289.31	1268.24	1236.64	1207.96
90.0	1368.90	1352.51	1332.62	1307.45	1287.55	1263.56	1163.95	1163.95	1154.18
135.0	1363.05	1356.02	1343.74	1319.74	1295.16	1273.51	1250.68	1217.33	1185.14
180.0	1340.81	1329.69	1310.38	1276.43	1253.03	1231.37	1199.18	1170.51	1136.57
225.0	1277.02	1254.20	1227.28	1167.64	1167.64	1152.89	1116.73	1083.66	1049.95
270.0	1291.06	1274.68	1253.03	1230.20	1206.21	1185.72	1160.56	1125.45	1090.92
315.0	1298.67	1281.12	1249.51	1228.45	1167.23	1167.23	1146.22	1114.97	1080.68
360.0	1339.64	1326.76	1308.62	1284.63	1258.88	1239.57	1166.35	1166.35	1139.02
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1102.45	1045.97	994.71	940.52	868.42	804.86	732.64	654.22	556.26
45.0	1174.61	1135.98	1078.04	1023.62	968.61	894.87	831.08	760.27	685.36
90.0	1101.16	1054.11	1005.30	950.93	879.59	800.18	728.25	653.46	576.51
135.0	1148.27	1106.13	1049.37	997.87	926.47	865.61	799.48	707.60	628.59
180.0	1085.65	1042.93	995.53	926.47	869.70	807.67	738.03	642.64	567.14
225.0	1007.29	949.47	900.95	851.39	776.42	709.47	620.05	547.01	475.61
270.0	1055.22	1004.89	959.24	910.67	857.41	798.31	715.79	643.22	570.07
315.0	1031.40	987.51	937.18	882.69	807.84	740.95	668.80	594.30	500.13
360.0	1102.45	1045.97	994.71	940.52	868.42	804.86	732.64	654.22	556.26
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	475.32	401.99	336.97	261.54	209.74	164.92	122.90	97.91	80.82
45.0	584.70	504.52	412.06	346.51	300.28	300.28	171.00	136.12	109.38
90.0	480.35	408.14	342.12	280.38	215.13	171.71	136.47	109.67	88.90
135.0	547.83	468.82	378.70	314.91	300.28	300.28	152.22	121.96	99.14
180.0	495.16	420.84	338.32	307.89	307.89	164.62	131.73	101.07	84.74
225.0	408.02	327.96	268.09	216.18	173.99	131.68	106.28	89.77	76.96
270.0	481.11	412.64	346.51	298.52	298.52	158.65	126.88	102.53	86.38
315.0	428.15	359.80	281.90	227.95	169.95	135.07	108.15	89.60	73.91
360.0	475.32	401.99	336.97	261.54	209.74	164.92	122.90	97.91	80.82
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	67.13	59.17	51.21	45.94	41.26	36.58	32.48	29.73	27.27
45.0	89.42	74.03	64.78	57.18	49.28	44.30	39.62	35.99	32.07
90.0	77.31	65.78	58.52	51.44	43.66	39.56	35.93	32.71	29.20
135.0	79.42	68.82	59.75	50.86	44.95	39.85	35.23	31.95	29.14
180.0	72.80	62.68	53.31	47.64	42.43	38.62	34.18	31.25	28.56
225.0	64.43	56.18	47.99	42.49	37.40	34.00	30.96	28.27	25.40
270.0	74.21	61.98	54.48	48.46	43.01	37.40	33.94	30.08	27.39
315.0	64.20	56.88	51.03	44.48	39.62	35.93	32.13	29.44	27.04
360.0	67.13	59.17	51.21	45.94	41.26	36.58	32.48	29.73	27.27

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	25.11	22.71	21.01	19.43	18.02	16.56	15.45	14.34	13.58
45.0	29.50	27.15	24.64	22.82	20.72	19.25	17.91	16.50	15.51
90.0	26.86	24.70	22.71	20.54	19.08	17.67	16.21	15.27	14.46
135.0	26.10	24.05	22.18	20.54	18.61	17.21	15.98	14.98	13.87
180.0	26.22	23.82	22.12	20.19	18.79	17.56	16.15	15.22	14.34
225.0	23.58	21.89	20.31	18.55	17.26	16.15	15.16	14.10	13.34
270.0	25.05	22.71	21.01	19.49	17.73	16.50	15.45	14.51	13.46
315.0	24.35	22.59	20.95	19.08	17.67	16.50	15.27	14.46	13.64
360.0	25.11	22.71	21.01	19.43	18.02	16.56	15.45	14.34	13.58
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.87	12.11	11.59	11.06	10.59	10.07	9.71	9.31	8.95
45.0	14.63	13.87	13.17	12.35	11.76	11.29	10.65	10.24	9.71
90.0	13.46	12.82	12.06	11.47	11.00	10.53	10.01	9.60	9.25
135.0	13.11	12.29	11.70	11.12	10.53	10.12	9.71	9.31	8.84
180.0	13.46	12.82	12.23	11.70	11.06	10.59	10.18	9.77	9.25
225.0	12.47	11.88	11.29	10.65	10.12	9.71	9.25	8.78	8.43
270.0	12.76	12.11	11.53	10.89	10.42	10.01	9.48	9.13	8.66
315.0	12.99	12.23	11.65	11.18	10.71	10.18	9.77	9.31	8.95
360.0	12.87	12.11	11.59	11.06	10.59	10.07	9.71	9.31	8.95
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.54	8.25	8.02	7.67	7.43	7.26	6.96	6.79	6.61
45.0	9.42	9.07	8.78	8.37	8.08	7.78	7.55	7.26	7.08
90.0	8.90	8.49	8.19	7.90	7.61	7.32	7.14	6.85	6.61
135.0	8.54	8.19	7.96	7.67	7.37	7.20	6.91	6.73	6.50
180.0	8.90	8.54	8.19	7.90	7.61	7.37	7.14	6.91	6.67
225.0	8.13	7.84	7.55	7.26	7.08	6.85	6.61	6.44	6.20
270.0	8.37	8.02	7.78	7.49	7.26	7.02	6.85	6.61	6.44
315.0	8.54	8.19	7.96	7.67	7.43	7.14	6.96	6.79	6.55
360.0	8.54	8.25	8.02	7.67	7.43	7.26	6.96	6.79	6.61
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.38	6.20	6.03	5.85	5.62	5.44	5.33	5.15	4.97
45.0	6.85	6.61	6.38	6.20	6.03	5.79	5.62	5.38	5.21
90.0	6.44	6.20	6.03	5.85	5.68	5.44	5.27	5.09	4.97
135.0	6.32	6.14	5.97	5.79	5.62	5.44	5.33	5.15	4.97
180.0	6.50	6.32	6.14	5.91	5.74	5.56	5.38	5.15	4.97
225.0	6.03	5.85	5.68	5.50	5.38	5.21	5.03	4.86	4.68
270.0	6.26	6.09	5.91	5.74	5.50	5.33	5.21	5.03	4.86
315.0	6.32	6.14	5.97	5.79	5.62	5.44	5.27	5.03	4.92
360.0	6.38	6.20	6.03	5.85	5.62	5.44	5.33	5.15	4.97
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	4.86	4.68	4.56	4.45	4.39	4.21	4.16	4.10	4.04
45.0	5.03	4.86	4.74	4.62	4.45	4.33	4.21	4.16	4.04
90.0	4.86	4.68	4.56	4.45	4.39	4.21	4.16	4.10	3.98
135.0	4.86	4.68	4.56	4.39	4.33	4.21	4.16	4.04	3.98
180.0	4.80	4.68	4.51	4.39	4.33	4.21	4.10	3.98	3.98
225.0	4.56	4.45	4.33	4.27	4.16	4.04	3.98	3.92	3.92
270.0	4.74	4.62	4.51	4.39	4.33	4.16	4.10	4.04	3.98
315.0	4.80	4.68	4.56	4.45	4.33	4.21	4.10	4.04	3.98
360.0	4.86	4.68	4.56	4.45	4.39	4.21	4.16	4.10	4.04

Intensity data(cd)

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