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NT

Client: NT

LumCAT: 1-1545-L & 92.70.395.00

Luminaire: 92.70.457.00 LED HOLDER

Report No: 20241113-B007

Ballast type: AC

Test No: 20241113-C007

Voltage(V): 35.300

LampCAT: LIMILEDS LUXEON 1202HD

Current(A): 0.200

Lamp flux(lm): 855.0

Power (W): 7.060

Number of Lamps: 1

PF: 0.000

Length(mm): 35

Width(mm): 35

Phm Type: C

Height(mm): 24

### Photometric Results

Lumens(lm): 794.85, Efficiency(%): 92.96% , Luminous Efficacy(lm/W): 112.58

Central intensity(cd): 1901.894, Maximum intensity(cd): 1901.894

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=36.6

[C90/270]Total=36.6

Field angle(10%Imax): [C0/180]Total=60.0

[C90/270]Total=60.0

Maximum s/h(1/2): C0\_180=0.60 C90\_270=0.60

Maximum s/h(1/4): C0\_180=0.59 C90\_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.96%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 97.890%

Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2024/11/13  
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	1901.893	0.000	0	0.00%	0.00%
1.0	1897.358	1.818	1.818	0.21%	0.23%
2.0	1885.141	5.429	7.247	0.63%	0.91%
3.0	1869.706	8.980	16.227	1.05%	2.04%
4.0	1853.905	12.464	28.691	1.46%	3.61%
5.0	1835.544	15.872	44.563	1.86%	5.61%
6.0	1812.061	19.169	63.732	2.24%	8.02%
7.0	1781.995	22.308	86.041	2.61%	10.82%
8.0	1744.102	25.236	111.276	2.95%	14.00%
9.0	1699.479	27.908	139.185	3.26%	17.51%
10.0	1640.664	30.227	169.412	3.54%	21.31%
11.0	1574.314	32.124	201.536	3.76%	25.36%
12.0	1499.771	33.604	235.14	3.93%	29.58%
13.0	1402.353	34.441	269.581	4.03%	33.92%
14.0	1293.186	34.503	304.084	4.04%	38.26%
15.0	1221.269	34.520	338.603	4.04%	42.60%
16.0	1150.223	34.749	373.352	4.06%	46.97%
17.0	1067.758	34.540	407.892	4.04%	51.32%
18.0	976.843	33.711	441.603	3.94%	55.56%
19.0	890.544	32.489	474.092	3.80%	59.65%
20.0	804.816	31.030	505.122	3.63%	63.55%
21.0	723.499	29.347	534.468	3.43%	67.24%
22.0	647.486	27.551	562.019	3.22%	70.71%
23.0	568.049	25.505	587.524	2.98%	73.92%
24.0	500.331	23.359	610.883	2.73%	76.86%
25.0	433.052	21.223	632.106	2.48%	79.53%
26.0	372.364	19.012	651.118	2.22%	81.92%
27.0	315.422	16.827	667.944	1.97%	84.03%
28.0	271.720	14.865	682.81	1.74%	85.90%
29.0	236.848	13.306	696.115	1.56%	87.58%
30.0	189.913	11.522	707.638	1.35%	89.03%
31.0	147.594	9.392	717.03	1.10%	90.21%
32.0	120.871	7.691	724.721	0.90%	91.18%
33.0	99.730	6.499	731.22	0.76%	92.00%
34.0	83.380	5.541	736.762	0.65%	92.69%
35.0	68.171	4.707	741.468	0.55%	93.28%
36.0	56.781	3.979	745.447	0.47%	93.79%
37.0	47.367	3.397	748.843	0.40%	94.21%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	40.037	2.917	751.761	0.34%	94.58%
39.0	33.687	2.516	754.277	0.29%	94.90%
40.0	28.559	2.171	756.448	0.25%	95.17%
41.0	24.792	1.900	758.348	0.22%	95.41%
42.0	21.836	1.694	760.042	0.20%	95.62%
43.0	19.561	1.533	761.576	0.18%	95.81%
44.0	17.498	1.399	762.974	0.16%	95.99%
45.0	16.006	1.288	764.262	0.15%	96.15%
46.0	14.850	1.207	765.469	0.14%	96.30%
47.0	13.797	1.139	766.608	0.13%	96.45%
48.0	12.933	1.081	767.689	0.13%	96.58%
49.0	12.136	1.029	768.718	0.12%	96.71%
50.0	11.529	0.987	769.705	0.12%	96.84%
51.0	10.944	0.951	770.655	0.11%	96.96%
52.0	10.446	0.918	771.573	0.11%	97.07%
53.0	9.993	0.889	772.462	0.10%	97.18%
54.0	9.583	0.863	773.325	0.10%	97.29%
55.0	9.225	0.840	774.165	0.10%	97.40%
56.0	8.873	0.818	774.983	0.10%	97.50%
57.0	8.566	0.797	775.78	0.09%	97.60%
58.0	8.303	0.780	776.56	0.09%	97.70%
59.0	8.054	0.765	777.325	0.09%	97.80%
60.0	7.813	0.750	778.074	0.09%	97.89%
61.0	7.586	0.735	778.809	0.09%	97.98%
62.0	7.388	0.722	779.531	0.08%	98.07%
63.0	7.206	0.710	780.241	0.08%	98.16%
64.0	7.023	0.698	780.939	0.08%	98.25%
65.0	6.854	0.687	781.626	0.08%	98.34%
66.0	6.664	0.674	782.3	0.08%	98.42%
67.0	6.503	0.662	782.962	0.08%	98.50%
68.0	6.350	0.651	783.613	0.08%	98.59%
69.0	6.167	0.639	784.252	0.07%	98.67%
70.0	6.028	0.626	784.878	0.07%	98.75%
71.0	5.889	0.616	785.494	0.07%	98.82%
72.0	5.728	0.604	786.098	0.07%	98.90%
73.0	5.560	0.590	786.688	0.07%	98.97%
74.0	5.413	0.577	787.265	0.07%	99.05%
75.0	5.267	0.564	787.829	0.07%	99.12%

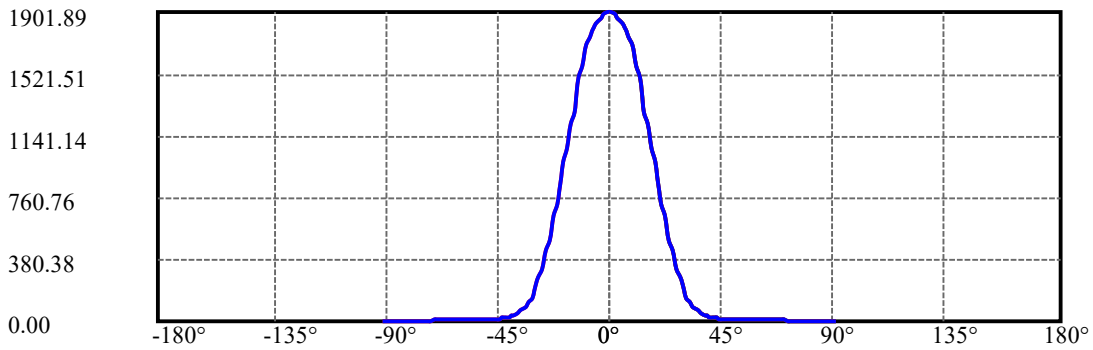
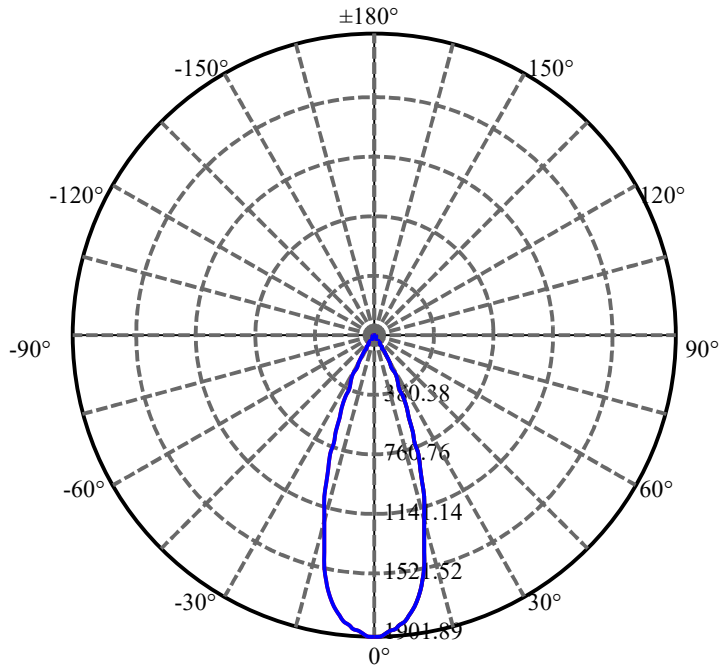
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.135	0.552	788.382	0.06%	99.19%
77.0	4.982	0.539	788.921	0.06%	99.25%
78.0	4.843	0.526	789.447	0.06%	99.32%
79.0	4.689	0.512	789.959	0.06%	99.39%
80.0	4.565	0.499	790.458	0.06%	99.45%
81.0	4.448	0.487	790.945	0.06%	99.51%
82.0	4.323	0.476	791.421	0.06%	99.57%
83.0	4.192	0.463	791.884	0.05%	99.63%
84.0	4.067	0.450	792.334	0.05%	99.68%
85.0	3.987	0.440	792.773	0.05%	99.74%
86.0	3.884	0.430	793.204	0.05%	99.79%
87.0	3.804	0.421	793.624	0.05%	99.85%
88.0	3.731	0.413	794.037	0.05%	99.90%
89.0	3.687	0.407	794.444	0.05%	99.95%
90.0	3.658	0.403	794.846	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	707.64	82.76%	89.03%
0-40	756.45	88.47%	95.17%
0-60	778.07	91.00%	97.89%
0-90	794.44	92.92%	99.95%
0-120	794.44	92.92%	99.95%
0-180	794.85	92.96%	100.00%
60-90	16.37	1.91%	2.06%
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%
0-25.20	635.88	74.37%	80.00%

ZONAL LUMEN SUMMARY

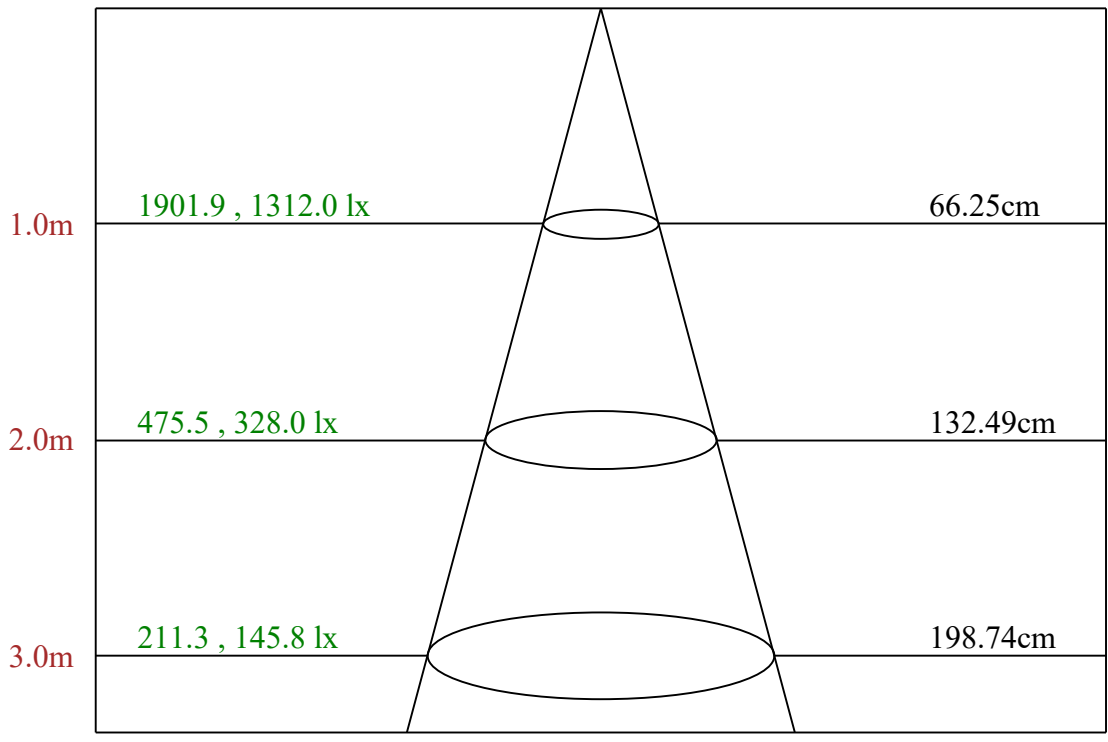
0-10	169.41
10-20	335.71
20-30	202.52
30-40	48.81
40-50	13.26
50-60	8.37
60-70	6.80
70-80	5.58
80-90	3.99
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



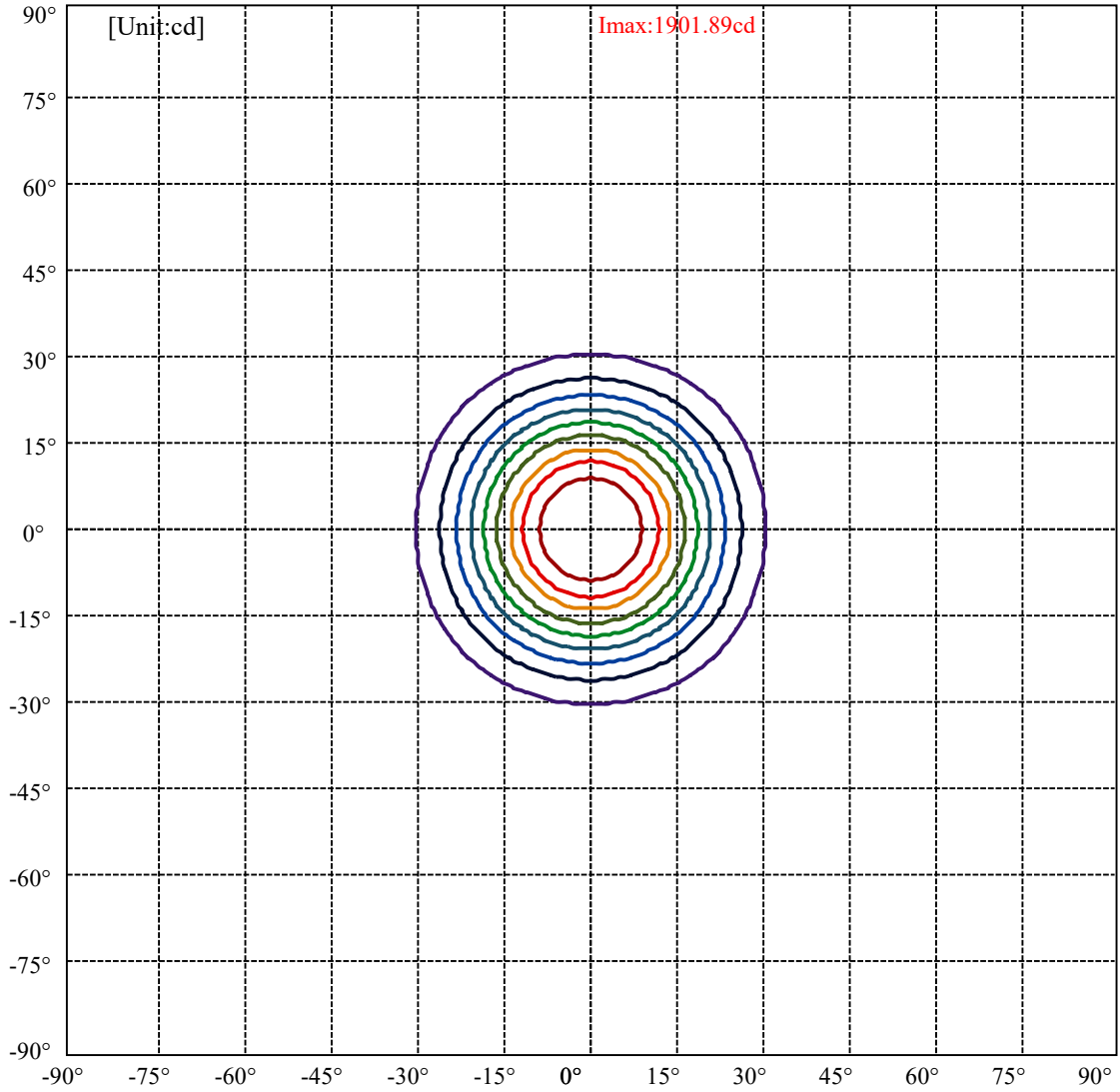
C0(Max): —————  
C0/C180: —————  
C90/C270: —————

Field angle(10%Imax):C0/180Left:30.0 Right:30.0  
:C90/270Left:30.0 Right:30.0

Beam Angle(50%Imax):C0/180Left:18.3 Right:18.3  
:C90/270Left:18.3 Right:18.3

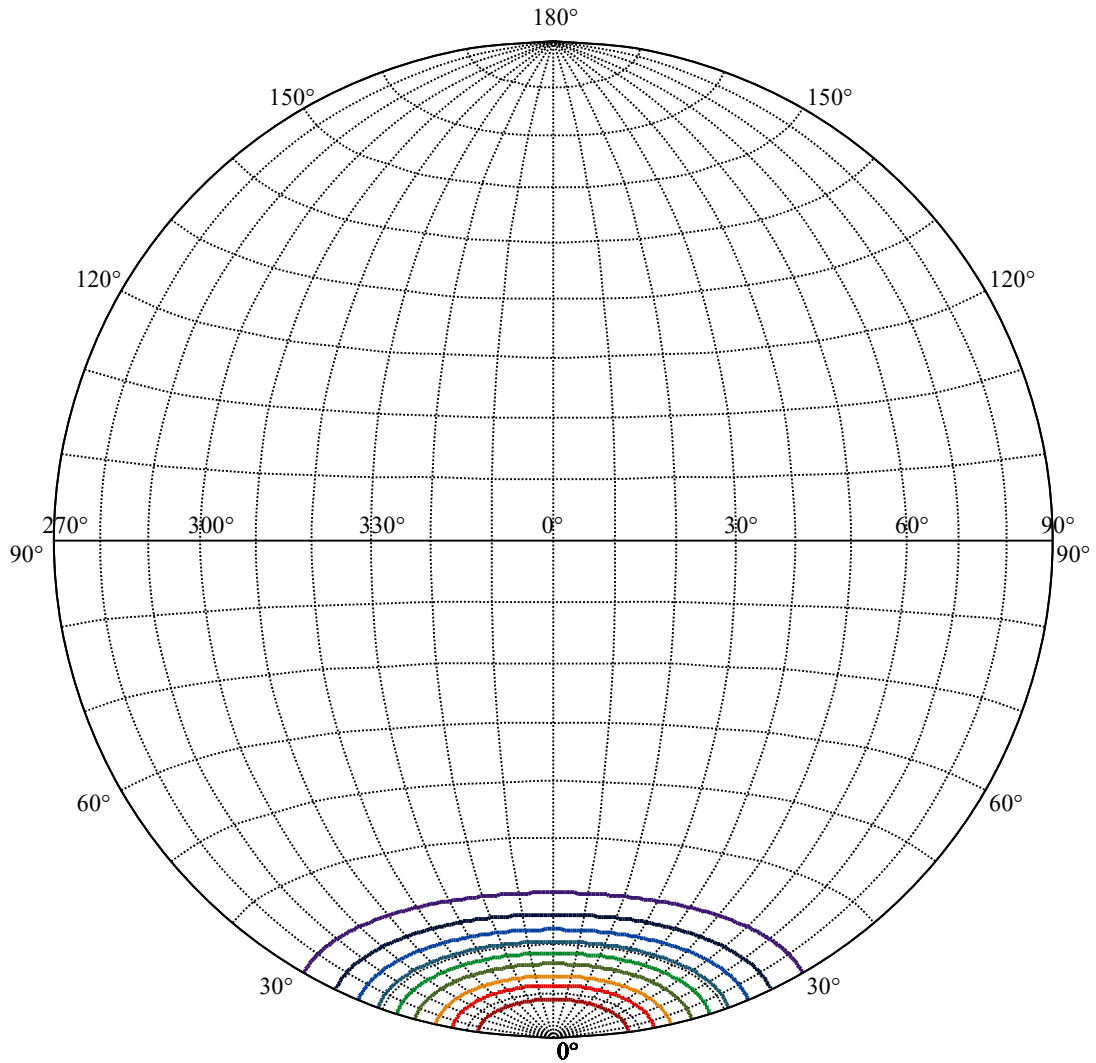


Max , Ave      Beam angle of C0 plane 36.65



(10%Imax) 190.189	—
(20%Imax) 380.379	—
(30%Imax) 570.568	—
(40%Imax) 760.757	—
(50%Imax) 950.947	—
(60%Imax) 1141.14	—
(70%Imax) 1331.33	—
(80%Imax) 1521.51	—
(90%Imax) 1711.7	—





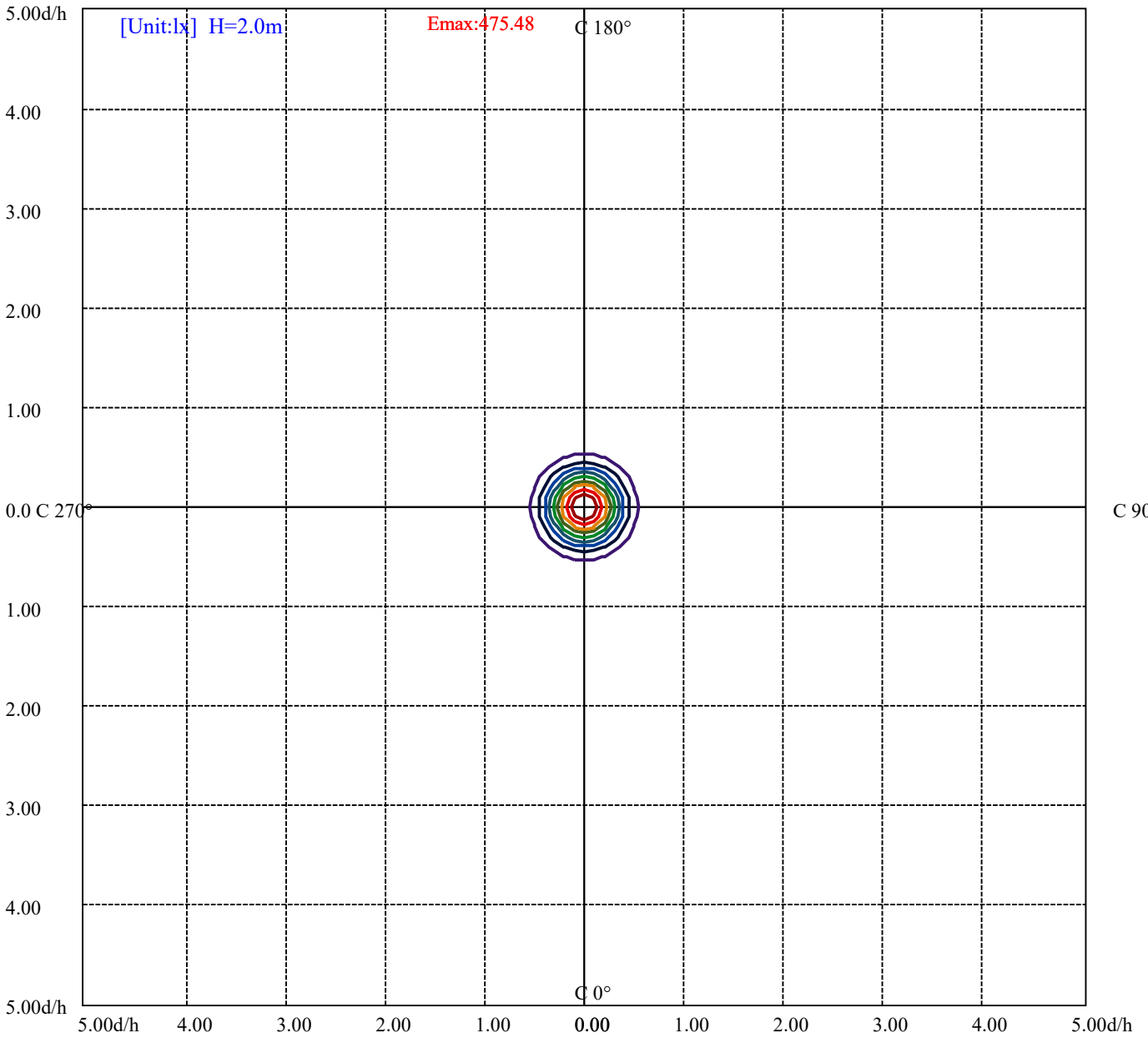
House

[Unit:cd]

Road

Imax:1901.89

(10%Imax) 190.189	—
(20%Imax) 380.379	—
(30%Imax) 570.568	—
(40%Imax) 760.757	—
(50%Imax) 950.947	—
(60%Imax) 1141.14	—
(70%Imax) 1331.33	—
(80%Imax) 1521.51	—
(90%Imax) 1711.7	—



- (10%Emax) 47.54725
- (20%Emax) 95.09475
- (30%Emax) 142.642
- (40%Emax) 190.1893
- (50%Emax) 237.7365
- (60%Emax) 285.285
- (70%Emax) 332.83
- (80%Emax) 380.3775
- (90%Emax) 427.925

Luminance Limiting Curve(no luminous side)

Luminance Table

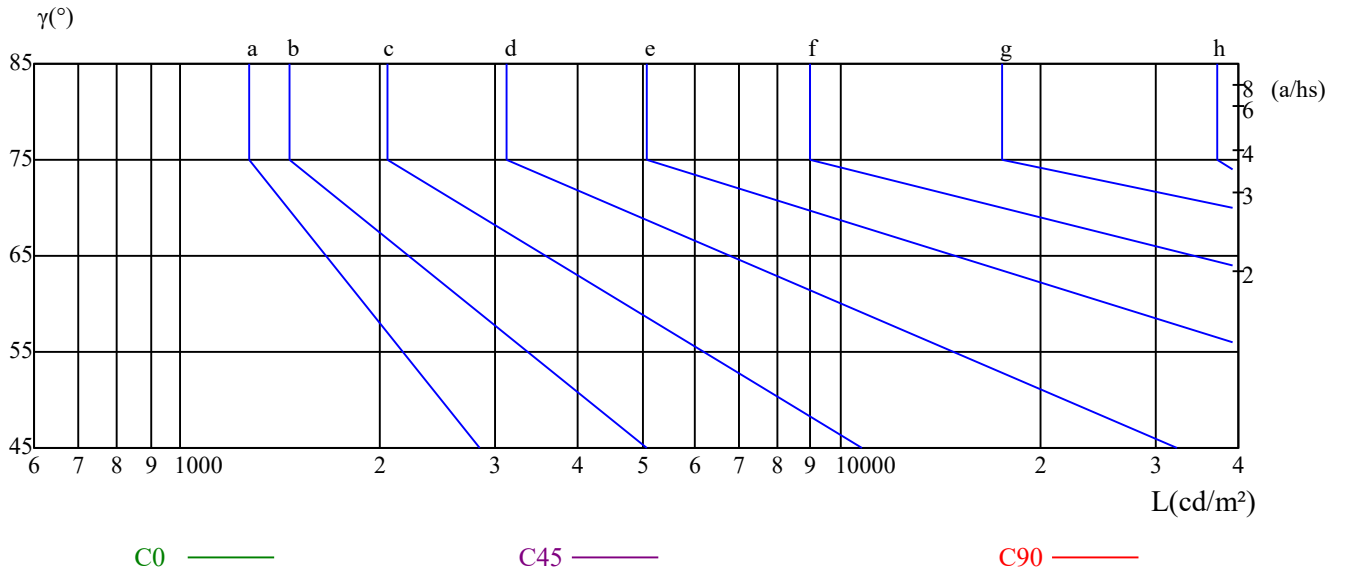
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

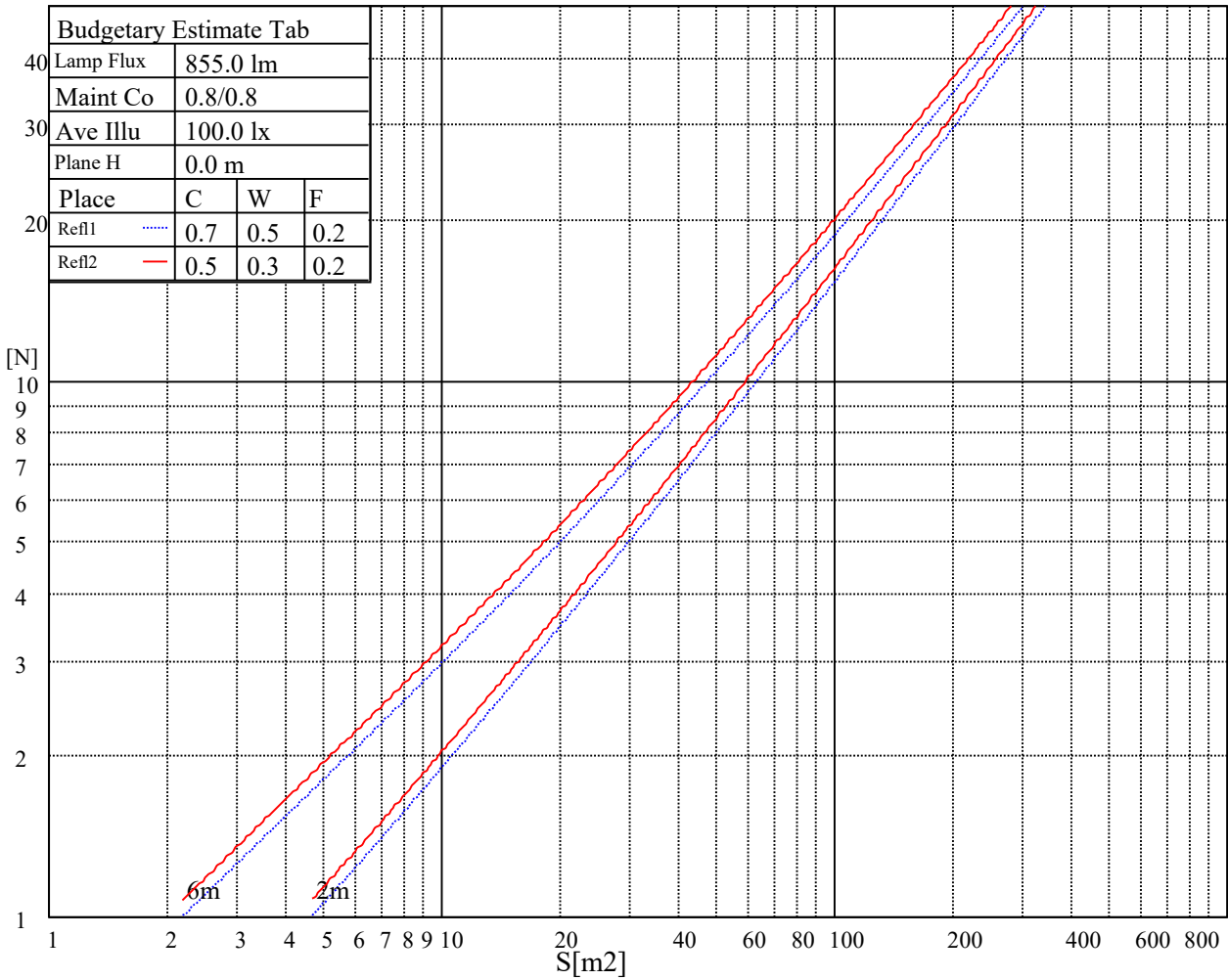
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	1.11	1.11	1.11	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	1.04	1.02	1.00	1.02	1.00	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.88
2	0.98	0.94	0.92	0.96	0.93	0.90	0.93	0.91	0.89	0.90	0.88	0.87	0.88	0.86	0.85	0.83
3	0.92	0.88	0.85	0.91	0.87	0.85	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.81	0.79
4	0.88	0.83	0.80	0.87	0.83	0.80	0.85	0.81	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.76
5	0.84	0.79	0.76	0.83	0.79	0.75	0.81	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.73	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	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.66
8	0.73	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	1907.31	1905.55	1897.94	1885.65	1876.29	1858.15	1837.67	1817.77	1781.48
45.0	1898.53	1907.31	1907.31	1897.94	1886.24	1873.36	1856.98	1841.76	1816.60
90.0	1900.87	1893.26	1882.73	1875.70	1854.05	1834.15	1810.16	1775.63	1742.86
135.0	1900.87	1901.45	1889.75	1869.85	1858.15	1837.67	1810.16	1780.31	1742.86
180.0	1907.31	1901.45	1886.24	1861.07	1841.76	1822.45	1797.28	1767.44	1729.98
225.0	1898.53	1879.80	1860.49	1836.49	1820.69	1797.28	1766.27	1720.62	1676.73
270.0	1900.87	1899.11	1880.39	1866.34	1847.03	1831.81	1816.60	1782.65	1742.86
315.0	1900.87	1890.92	1876.29	1864.59	1847.03	1829.47	1801.38	1769.78	1719.45
360.0	1907.31	1905.55	1897.94	1885.65	1876.29	1858.15	1837.67	1817.77	1781.48
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1741.10	1688.43	1612.94	1545.05	1468.97	1388.80	1167.17	1167.17	1100.16
45.0	1787.92	1750.47	1686.68	1627.57	1563.19	1490.04	1391.72	1306.28	1217.33
90.0	1695.46	1625.81	1561.44	1491.21	1415.72	1162.84	1162.84	1141.07	1057.03
135.0	1704.82	1656.25	1595.38	1510.52	1438.54	1364.22	1291.65	1191.58	1106.72
180.0	1671.46	1612.35	1545.05	1455.51	1375.92	1296.92	1216.74	1110.82	1028.88
225.0	1621.13	1544.47	1471.31	1398.75	1151.37	1151.37	1129.48	1026.25	941.22
270.0	1702.48	1635.18	1575.48	1509.35	1420.98	1345.49	1264.73	1155.88	1071.61
315.0	1671.46	1612.35	1546.22	1460.19	1384.12	1145.81	1145.81	1102.74	1019.11
360.0	1741.10	1688.43	1612.94	1545.05	1468.97	1388.80	1167.17	1167.17	1100.16
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	991.20	907.80	823.94	743.35	649.66	578.38	512.31	435.06	377.29
45.0	1107.89	1025.96	941.10	840.44	760.27	684.19	593.48	525.59	459.46
90.0	958.31	877.60	798.95	701.28	629.64	543.91	479.47	418.55	363.07
135.0	1027.71	948.71	854.49	776.07	701.16	614.54	545.49	479.94	402.69
180.0	944.61	861.51	763.19	687.70	615.72	533.20	471.75	413.23	343.59
225.0	861.74	763.78	688.17	617.53	549.23	469.70	410.42	353.94	301.22
270.0	989.09	901.89	808.84	735.69	660.78	591.14	522.66	443.07	388.65
315.0	934.19	837.11	759.86	685.94	613.43	529.34	467.07	395.03	342.94
360.0	991.20	907.80	823.94	743.35	649.66	578.38	512.31	435.06	377.29
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	324.04	262.65	220.81	185.17	147.36	122.72	102.24	85.38	67.83
45.0	399.18	328.37	302.62	302.62	196.05	157.89	132.55	111.25	89.07
90.0	298.93	252.11	212.03	178.26	142.97	119.27	100.07	83.75	67.07
135.0	345.93	295.60	295.60	196.40	164.21	131.38	109.91	91.88	76.90
180.0	295.60	295.60	196.93	163.51	134.37	111.37	88.78	74.32	62.97
225.0	241.99	201.32	166.56	130.80	107.97	85.38	70.99	59.22	49.51
270.0	323.10	298.52	298.52	193.36	153.33	127.40	100.60	83.69	70.11
315.0	294.60	239.59	201.73	169.19	134.48	111.54	92.70	77.54	61.92
360.0	324.04	262.65	220.81	185.17	147.36	122.72	102.24	85.38	67.83
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	57.00	48.05	40.73	33.18	28.56	24.05	21.36	19.14	16.91
45.0	74.97	63.38	51.79	44.18	36.40	31.72	27.80	24.76	21.77
90.0	56.59	46.12	39.27	33.36	27.80	24.23	21.42	19.14	16.91
135.0	61.68	52.09	44.07	35.87	30.67	26.51	22.53	20.01	17.97
180.0	53.26	43.89	37.86	32.77	27.62	24.52	22.00	19.49	17.91
225.0	40.15	34.24	29.32	25.46	21.71	19.43	17.56	16.04	14.51
270.0	58.52	47.17	39.91	34.00	29.14	24.52	21.77	19.61	17.56
315.0	52.09	44.01	37.34	30.67	26.57	23.35	20.25	18.32	16.44
360.0	57.00	48.05	40.73	33.18	28.56	24.05	21.36	19.14	16.91

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	15.57	14.40	13.23	12.47	11.82	11.24	10.59	10.18	9.77
45.0	19.78	18.14	16.74	15.27	14.22	13.34	12.52	11.65	11.06
90.0	15.51	14.34	13.17	12.47	11.76	11.18	10.59	10.18	9.83
135.0	15.98	14.81	13.75	12.93	12.00	11.41	10.89	10.42	9.95
180.0	16.27	15.27	14.34	13.52	12.64	12.00	11.35	10.89	10.24
225.0	13.52	12.52	11.88	11.29	10.65	10.24	9.83	9.48	9.13
270.0	16.21	15.10	13.93	13.11	12.23	11.65	11.12	10.65	10.24
315.0	15.22	14.22	13.34	12.41	11.76	11.18	10.65	10.12	9.71
360.0	15.57	14.40	13.23	12.47	11.82	11.24	10.59	10.18	9.77
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.48	9.07	8.78	8.49	8.19	8.02	7.78	7.55	7.37
45.0	10.36	9.95	9.54	9.07	8.78	8.49	8.19	7.90	7.72
90.0	9.42	9.07	8.72	8.49	8.25	8.02	7.72	7.55	7.37
135.0	9.60	9.25	8.90	8.60	8.31	8.13	7.84	7.67	7.43
180.0	9.89	9.48	9.01	8.72	8.43	8.08	7.90	7.67	7.37
225.0	8.78	8.54	8.31	8.02	7.84	7.61	7.43	7.26	7.08
270.0	9.77	9.36	9.07	8.72	8.43	8.19	7.90	7.67	7.49
315.0	9.36	9.07	8.66	8.43	8.19	7.90	7.72	7.43	7.26
360.0	9.48	9.07	8.78	8.49	8.19	8.02	7.78	7.55	7.37
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	7.26	7.02	6.85	6.73	6.55	6.38	6.20	6.09	5.97
45.0	7.55	7.37	7.14	6.96	6.79	6.61	6.44	6.26	6.14
90.0	7.20	6.96	6.85	6.67	6.50	6.32	6.14	5.97	5.85
135.0	7.26	7.08	6.96	6.73	6.55	6.44	6.20	6.09	5.97
180.0	7.20	7.08	6.91	6.67	6.50	6.38	6.20	6.09	5.91
225.0	6.85	6.67	6.50	6.32	6.20	6.09	5.91	5.79	5.62
270.0	7.26	7.08	6.91	6.67	6.50	6.32	6.20	6.03	5.85
315.0	7.08	6.91	6.73	6.55	6.44	6.26	6.03	5.91	5.79
360.0	7.26	7.02	6.85	6.73	6.55	6.38	6.20	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	5.79	5.62	5.44	5.27	5.15	4.97	4.86	4.74	4.62
45.0	5.97	5.79	5.62	5.50	5.33	5.21	5.09	4.92	4.80
90.0	5.74	5.50	5.38	5.27	5.15	4.97	4.86	4.74	4.56
135.0	5.79	5.62	5.50	5.33	5.21	5.09	4.92	4.80	4.62
180.0	5.74	5.62	5.44	5.27	5.15	5.03	4.86	4.68	4.56
225.0	5.50	5.27	5.21	5.09	4.92	4.74	4.62	4.45	4.33
270.0	5.68	5.56	5.38	5.27	5.15	4.97	4.80	4.62	4.56
315.0	5.62	5.50	5.33	5.15	5.03	4.86	4.74	4.56	4.45
360.0	5.79	5.62	5.44	5.27	5.15	4.97	4.86	4.74	4.62
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	4.45	4.33	4.21	4.10	4.04	3.92	3.80	3.75	3.75
45.0	4.68	4.56	4.39	4.21	4.10	3.98	3.92	3.86	3.80
90.0	4.45	4.33	4.16	4.10	3.98	3.86	3.80	3.75	3.69
135.0	4.51	4.39	4.27	4.10	4.04	3.92	3.80	3.75	3.69
180.0	4.51	4.33	4.21	4.04	3.98	3.92	3.80	3.75	3.69
225.0	4.27	4.16	4.04	3.92	3.86	3.80	3.75	3.63	3.63
270.0	4.39	4.27	4.16	4.10	3.98	3.86	3.80	3.69	3.63
315.0	4.33	4.21	4.10	3.98	3.92	3.80	3.75	3.69	3.63
360.0	4.45	4.33	4.21	4.10	4.04	3.92	3.80	3.75	3.75



Intensity data(cd)

C/γ(°)	90.0
0.0	3.69
45.0	3.69
90.0	3.69
135.0	3.63
180.0	3.69
225.0	3.63
270.0	3.63
315.0	3.63
360.0	3.69