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### Ten-Lighting Technology Co.Ltd

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LumCAT: LED Ceiling lights

Luminaire: U13-C05WB

Report No: 18-0555-04

Voltage(V): 220.0300

Test No: 18-0555-04

Current(A): 0.1470

LampCAT: LED 13W

Power (W): 11.7900

Lamp flux(lm)

PF: 0.3650

Number of Lamps: 1

Ballast type:

Length(mm): 130

Width(mm): 130

Phm Type: C

Height(mm): 110

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### Photometric Results

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Lumens(lm): 962.01

Lumens(lm)/Power(W): 81.60

Central intensity(cd): 3161.634

Maximum intensity(cd): 3207.990

Angle of maximum intensity:  $C=50.0 \gamma=2.5$

Beam Angle(50%Imax): [C0/180]Left=11.1 Right=13.9

[C90/270]Left=11.4 Right=14.6

Field angle(10%Imax): [C0/180]Left=26.1 Right=29.5

[C90/270]Left=26.2 Right=30.8

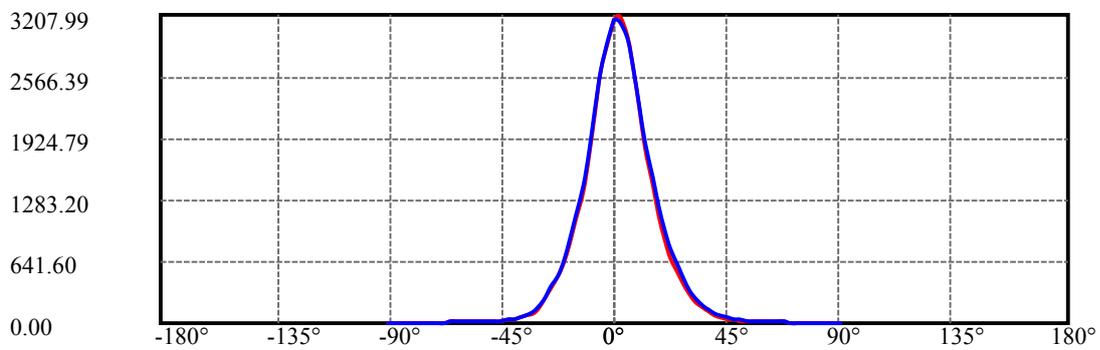
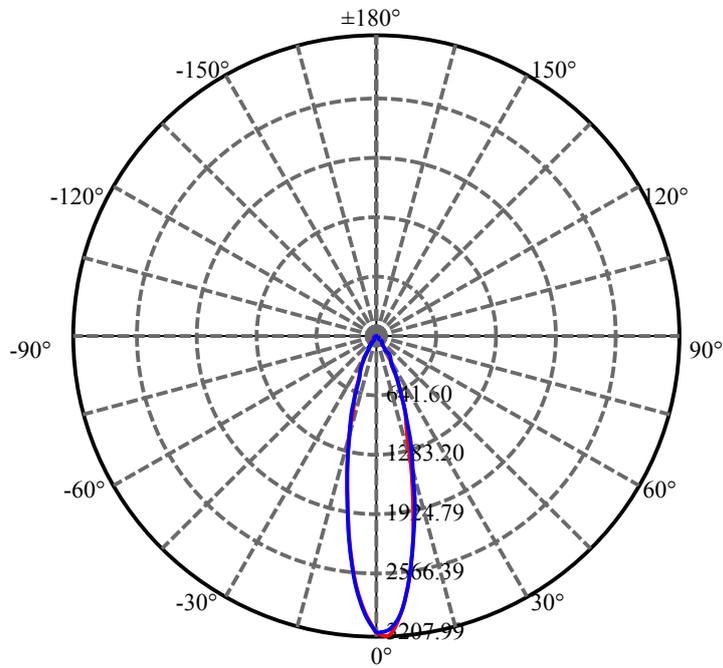
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	3161.636	.000	.000	.000%	.000%
2.5	3059.505	18.602	18.602	1.934%	1.934%
5.0	2789.481	52.434	71.036	5.450%	7.384%
7.5	2409.794	77.584	148.620	8.065%	15.449%
10.0	1998.866	91.925	240.545	9.556%	25.004%
12.5	1617.171	96.694	337.239	10.051%	35.056%
15.0	1283.127	94.488	431.728	9.822%	44.878%
17.5	1008.058	87.879	519.607	9.135%	54.013%
20.0	786.008	79.044	598.651	8.217%	62.229%
22.5	608.580	69.281	667.932	7.202%	69.431%
25.0	463.009	59.155	727.087	6.149%	75.580%
27.5	341.741	48.787	775.874	5.071%	80.651%
30.0	240.959	38.416	814.290	3.993%	84.645%
32.5	170.751	29.275	843.565	3.043%	87.688%
35.0	126.324	22.622	866.187	2.352%	90.040%
37.5	95.793	18.002	884.190	1.871%	91.911%
40.0	68.942	14.133	898.323	1.469%	93.380%
42.5	50.388	10.784	909.107	1.121%	94.501%
45.0	39.710	8.540	917.647	.888%	95.389%
47.5	32.207	7.121	924.768	.740%	96.129%
50.0	26.257	6.025	930.793	.626%	96.755%
52.5	20.979	5.049	935.842	.525%	97.280%
55.0	16.811	4.177	940.019	.434%	97.714%
57.5	14.874	3.611	943.630	.375%	98.090%
60.0	14.025	3.386	947.017	.352%	98.442%
62.5	13.037	3.252	950.269	.338%	98.780%
65.0	11.588	3.027	953.296	.315%	99.094%
67.5	9.601	2.658	955.954	.276%	99.371%
70.0	7.870	2.232	958.186	.232%	99.603%
72.5	5.128	1.687	959.873	.175%	99.778%
75.0	2.697	1.030	960.903	.107%	99.885%
77.5	1.471	.555	961.458	.058%	99.943%
80.0	.810	.307	961.765	.032%	99.975%
82.5	.400	.164	961.929	.017%	99.992%
85.0	.094	.067	961.996	.007%	99.999%
87.5	.000	.013	962.009	.001%	100.000%
90.0	.000	.000	962.009	.000%	100.000%

ZONAL LUMEN SUMMARY

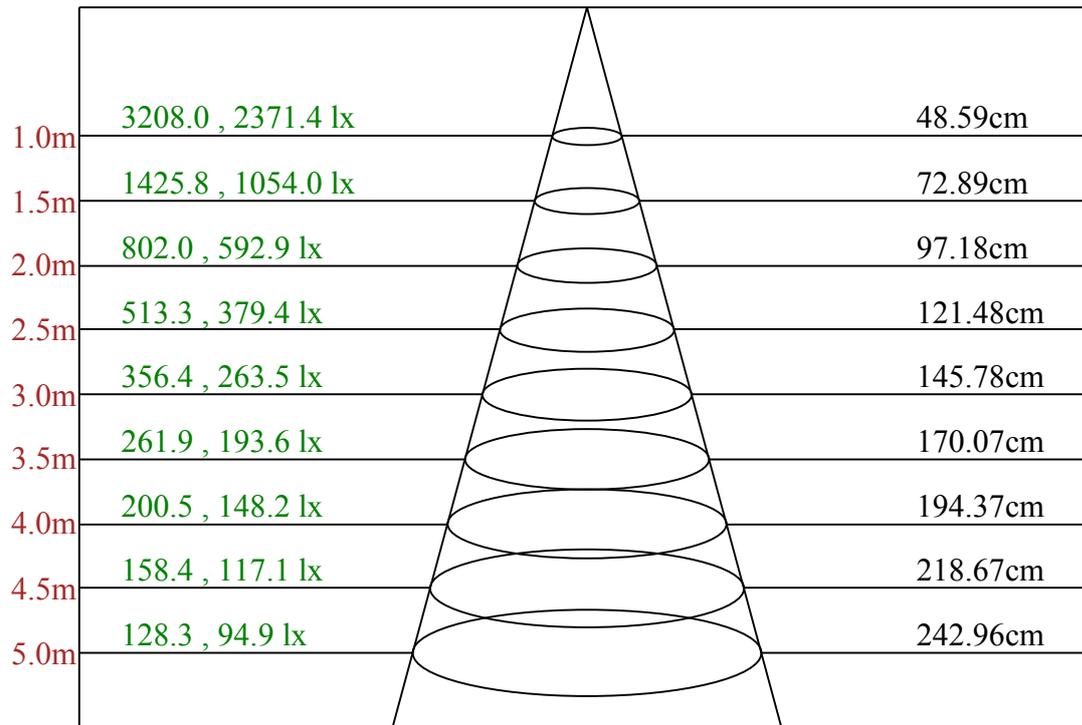
Zone	Lumens	%Fixt
0-30	814.29	84.64%
0-40	898.32	93.38%
0-60	947.02	98.44%
0-90	962.01	100.00%
0-120	962.01	100.00%
0-180	962.01	100.00%
60-90	18.38	1.91%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-27.18	769.61	80.00%

ZONAL LUMEN SUMMARY

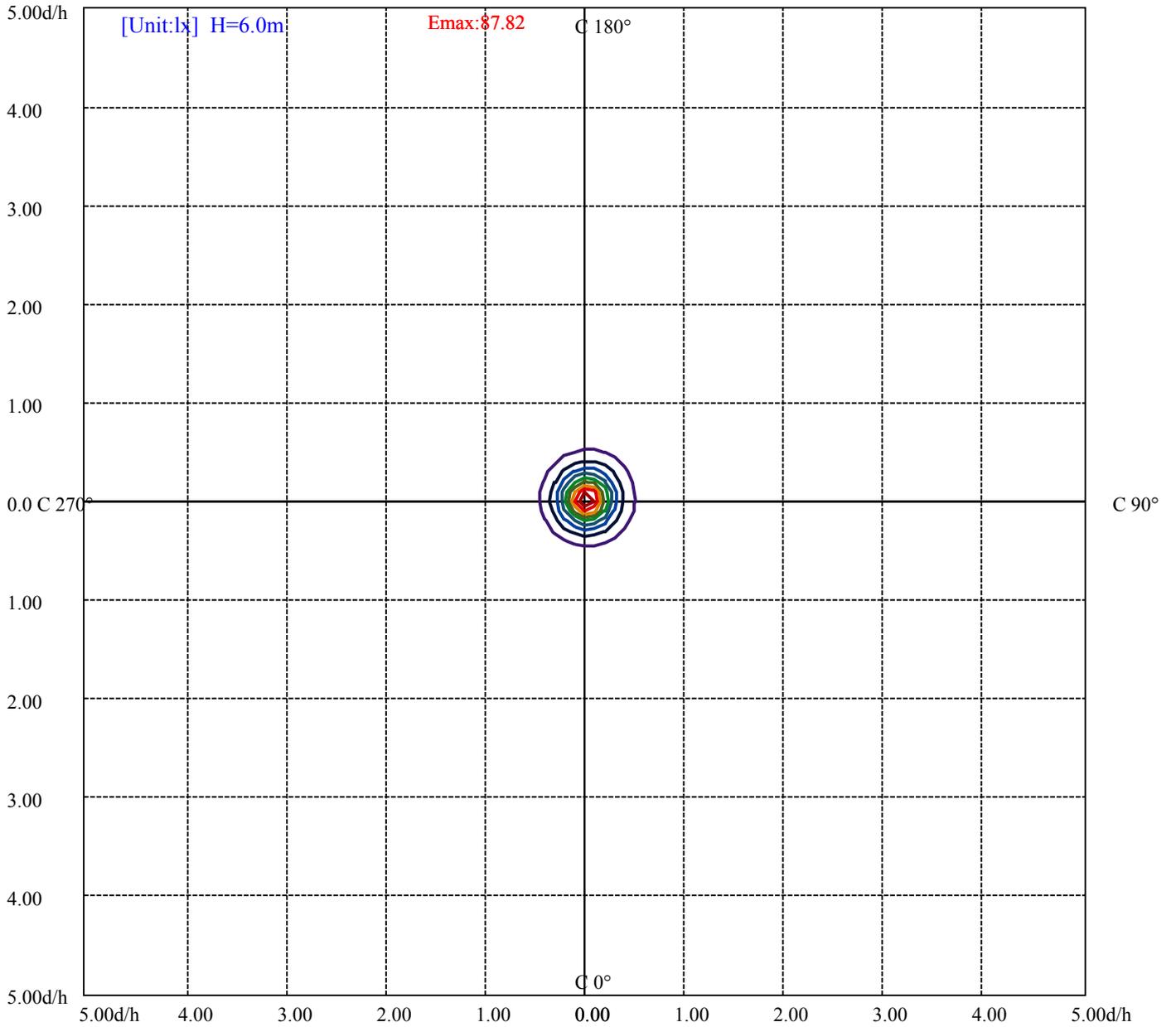
0-10	240.55
10-20	358.11
20-30	215.64
30-40	84.03
40-50	32.47
50-60	16.22
60-70	11.17
70-80	3.58
80-90	0.24
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
 C90/C270: —



Max , Ave      Beam angle of C50plane27.26



(10%Emax) 8.782333	—
(20%Emax) 17.56464	—
(30%Emax) 26.34697	—
(40%Emax) 35.12917	—
(50%Emax) 43.91167	—
(60%Emax) 52.69389	—
(70%Emax) 61.47611	—
(80%Emax) 70.25861	—
(90%Emax) 79.04083	—

Intensity data(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	3161.63	3182.42	2963.43	2622.18	2223.78	1810.19	1430.97	1114.09	874.72
5.0	3161.63	3165.63	2983.81	2635.76	2230.17	1831.37	1446.15	1137.26	886.31
10.0	3161.63	3148.45	2981.82	2673.33	2252.15	1855.74	1467.73	1150.45	894.31
15.0	3161.63	3207.19	3014.98	2677.32	2269.73	1855.74	1480.52	1185.61	919.48
20.0	3161.63	3185.61	3020.18	2695.30	2271.73	1874.13	1502.50	1184.02	923.48
25.0	3161.63	3198.80	3042.16	2701.30	2284.91	1908.09	1521.68	1209.19	944.65
30.0	3161.63	3200.80	3032.17	2688.11	2322.48	1919.68	1529.67	1208.79	955.84
35.0	3161.63	3192.41	3051.75	2687.71	2306.09	1908.49	1544.06	1243.16	969.83
40.0	3161.63	3201.20	3037.76	2734.86	2334.86	1928.87	1570.43	1251.95	985.41
45.0	3161.63	3190.01	3024.57	2736.06	2319.68	1942.86	1577.22	1264.34	993.01
50.0	3161.63	3207.99	3041.36	2706.49	2330.87	1948.85	1595.60	1266.33	1000.20
55.0	3161.63	3189.21	3027.37	2713.68	2320.88	1955.24	1588.81	1282.32	1014.19
60.0	3161.63	3182.42	3010.99	2722.48	2324.07	1961.64	1601.60	1277.92	1014.19
65.0	3161.63	3184.41	3013.78	2732.87	2333.67	1940.86	1600.40	1273.13	1012.99
70.0	3161.63	3183.61	2983.81	2686.11	2296.90	1938.06	1578.82	1273.93	1022.18
75.0	3161.63	3155.64	3002.20	2699.70	2298.90	1931.67	1588.81	1272.33	1011.39
80.0	3161.63	3173.62	2993.01	2668.53	2298.10	1900.50	1556.44	1252.75	1005.79
85.0	3161.63	3146.45	2973.82	2640.56	2261.34	1891.71	1548.85	1229.97	982.22
90.0	3161.63	3119.28	2944.65	2627.37	2242.96	1872.53	1522.48	1216.78	972.63
95.0	3161.63	3142.46	2925.87	2594.60	2214.18	1842.96	1500.50	1201.60	953.85
100.0	3161.63	3121.28	2943.85	2577.42	2204.59	1820.18	1468.53	1171.63	927.07
105.0	3161.63	3093.70	2926.67	2542.66	2184.21	1780.62	1446.15	1135.66	903.10
110.0	3161.63	3096.50	2873.92	2525.07	2132.27	1754.24	1424.57	1131.27	871.13
115.0	3161.63	3111.69	2849.95	2504.69	2087.51	1725.87	1383.42	1087.71	846.35
120.0	3161.63	3101.30	2821.98	2464.73	2067.93	1695.90	1349.05	1051.75	828.77
125.0	3161.63	3084.51	2794.40	2448.75	2045.95	1643.96	1323.08	1034.57	798.00
130.0	3161.63	3080.52	2782.02	2406.79	2005.19	1612.39	1287.11	1004.60	777.62
135.0	3161.63	3026.57	2736.46	2389.61	1975.62	1585.61	1260.74	988.21	754.84
140.0	3161.63	3026.17	2737.66	2361.24	1930.87	1570.43	1231.17	963.84	736.06
145.0	3161.63	3042.16	2715.28	2318.08	1903.70	1541.66	1202.00	933.87	722.48
150.0	3161.63	3019.78	2699.70	2303.30	1883.32	1505.29	1188.41	910.29	710.49
155.0	3161.63	2994.60	2690.11	2276.12	1839.36	1482.52	1155.24	896.70	696.10
160.0	3161.63	2976.22	2662.14	2245.75	1828.17	1467.33	1140.06	874.33	681.72
165.0	3161.63	2980.22	2638.56	2230.57	1809.79	1434.96	1128.87	871.93	673.33
170.0	3161.63	2982.62	2624.57	2204.19	1773.03	1406.99	1102.90	856.34	666.53
175.0	3161.63	2982.22	2618.18	2183.42	1761.84	1396.20	1088.11	837.16	655.74
180.0	3161.63	2941.46	2622.58	2187.41	1746.65	1382.22	1069.73	828.77	646.95
185.0	3161.63	2972.23	2592.21	2147.85	1718.68	1360.64	1063.74	828.77	638.96
190.0	3161.63	2952.65	2584.21	2147.05	1725.87	1356.24	1050.95	818.78	636.16
195.0	3161.63	2939.06	2549.85	2123.08	1695.10	1346.65	1047.75	809.19	626.17
200.0	3161.63	2946.65	2550.25	2111.09	1690.31	1331.07	1028.57	800.00	621.78
205.0	3161.63	2920.28	2563.44	2087.51	1687.51	1317.48	1021.78	796.00	616.58
210.0	3161.63	2927.87	2555.44	2119.48	1685.51	1318.28	1019.38	800.00	618.98
215.0	3161.63	2924.27	2536.26	2089.91	1676.72	1311.49	1022.98	786.81	601.80
220.0	3161.63	2938.66	2546.25	2103.10	1678.32	1310.29	1008.59	791.21	612.99
225.0	3161.63	2952.65	2542.66	2098.70	1687.91	1324.28	1020.58	796.80	610.59
230.0	3161.63	2926.67	2565.03	2123.48	1685.91	1332.67	1018.58	793.21	613.39
235.0	3161.63	2925.87	2555.04	2125.47	1686.71	1326.27	1028.17	800.00	616.58
240.0	3161.63	2945.05	2575.82	2126.67	1699.10	1328.27	1039.76	805.99	623.38
245.0	3161.63	2941.06	2584.21	2134.26	1719.08	1346.65	1042.56	812.79	625.77
250.0	3161.63	2941.06	2595.00	2143.85	1738.26	1357.84	1052.95	821.98	631.37
255.0	3161.63	2957.44	2584.21	2154.64	1755.04	1374.62	1071.73	829.57	639.36
260.0	3161.63	2951.85	2615.78	2176.62	1758.64	1381.42	1087.31	839.96	646.55
265.0	3161.63	2965.83	2618.58	2193.01	1779.82	1406.99	1095.30	851.55	655.74
270.0	3161.63	2970.23	2639.36	2221.78	1789.81	1425.77	1123.68	869.53	666.53
275.0	3161.63	2988.61	2660.14	2259.34	1828.97	1445.35	1126.87	883.12	673.33
280.0	3161.63	3005.39	2685.31	2283.32	1838.16	1466.13	1149.25	884.32	696.10
285.0	3161.63	3024.17	2703.30	2280.52	1867.33	1482.12	1160.04	907.09	701.70

Intensity data(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	3161.63	3019.78	2724.47	2322.08	1902.10	1508.49	1181.62	922.68	711.29
295.0	3161.63	3035.36	2708.89	2345.65	1908.09	1525.67	1197.60	939.06	730.87
300.0	3161.63	3014.98	2750.05	2353.25	1934.46	1548.45	1219.98	948.25	742.86
305.0	3161.63	3046.95	2763.24	2384.01	1949.65	1549.25	1233.97	967.03	744.06
310.0	3161.63	3025.77	2782.42	2403.59	1987.21	1586.01	1252.35	979.42	757.24
315.0	3161.63	3073.72	2795.60	2429.17	2018.78	1604.00	1262.74	989.01	771.23
320.0	3161.63	3044.95	2817.18	2463.14	2033.57	1630.77	1288.71	1014.98	771.63
325.0	3161.63	3058.14	2825.17	2456.74	2059.14	1653.55	1300.70	1021.38	784.81
330.0	3161.63	3100.90	2859.54	2513.49	2087.91	1670.33	1316.28	1028.57	790.01
335.0	3161.63	3095.70	2896.30	2517.88	2107.09	1691.51	1329.87	1043.76	813.99
340.0	3161.63	3125.27	2909.49	2527.07	2119.08	1711.09	1348.65	1055.74	819.58
345.0	3161.63	3120.08	2923.47	2549.05	2161.84	1751.85	1371.03	1072.53	835.56
350.0	3161.63	3139.26	2922.68	2573.03	2180.62	1753.05	1387.01	1088.11	848.75
355.0	3161.63	3146.85	2954.24	2602.20	2158.64	1776.22	1411.79	1108.49	863.94
360.0	3161.63	3182.42	2963.43	2622.18	2223.78	1810.19	1430.97	1114.09	874.72

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	680.92	524.67	404.00	294.51	216.58	155.84	113.89	81.92	60.34
5.0	688.11	533.87	409.99	304.10	225.77	163.04	118.68	85.11	61.94
10.0	705.69	547.85	420.38	314.09	230.57	170.63	124.28	88.71	64.74
15.0	725.27	556.64	429.97	321.28	236.96	174.63	129.87	92.71	66.33
20.0	726.47	565.83	433.97	330.47	244.16	181.02	135.06	96.70	68.33
25.0	738.46	575.42	443.56	335.66	248.15	185.81	139.86	100.70	70.73
30.0	750.45	588.61	455.54	346.45	254.94	191.81	144.26	105.89	73.13
35.0	772.43	593.41	467.53	355.64	260.94	201.80	149.85	108.69	75.92
40.0	782.82	607.79	472.33	357.24	268.13	203.00	153.45	112.69	78.32
45.0	784.02	612.59	481.92	367.23	273.33	209.79	155.84	113.89	79.92
50.0	789.21	624.97	484.71	364.04	275.32	210.19	158.64	116.28	82.32
55.0	798.80	632.17	491.11	371.63	278.12	210.99	159.44	118.68	83.12
60.0	814.78	634.17	491.91	376.82	281.72	212.19	159.84	119.88	84.32
65.0	810.79	639.76	490.31	372.83	280.92	211.39	159.44	119.48	85.51
70.0	813.59	637.76	493.51	376.82	278.92	211.79	157.84	118.68	83.92
75.0	809.59	629.37	491.11	370.43	276.52	205.39	157.04	116.28	83.52
80.0	796.80	622.58	483.92	363.24	272.13	201.00	152.65	115.08	81.92
85.0	778.02	609.39	473.13	355.64	263.34	196.20	148.25	113.49	79.92
90.0	768.43	598.20	462.34	345.25	252.95	189.01	143.06	109.09	77.12
95.0	740.86	581.82	447.15	332.07	241.76	179.42	136.26	104.30	73.93
100.0	727.67	565.03	428.77	316.88	229.37	170.63	129.47	97.90	69.13
105.0	704.50	543.86	414.39	305.29	219.78	159.84	123.88	91.51	65.53
110.0	682.12	523.88	401.20	287.31	205.39	153.85	116.28	87.51	61.14
115.0	654.94	509.89	383.22	275.32	193.01	143.06	108.29	80.32	55.54
120.0	634.96	487.11	367.23	263.74	182.62	135.06	102.70	75.92	51.95
125.0	615.78	471.53	349.65	248.55	172.23	127.47	95.90	69.53	48.35
130.0	593.01	455.54	336.46	240.56	163.04	118.68	90.31	65.53	45.15
135.0	584.22	439.16	328.07	226.17	155.04	114.29	84.32	61.14	42.36
140.0	568.63	433.17	316.88	218.98	147.85	107.09	79.52	57.14	39.56
145.0	553.45	420.78	307.69	209.79	141.06	102.30	76.32	53.95	37.96
150.0	545.85	411.59	300.90	204.60	135.06	95.10	72.33	50.75	36.36
155.0	537.86	407.19	292.51	195.80	129.07	90.71	68.33	47.55	34.77
160.0	526.67	394.41	286.91	188.61	122.68	86.71	64.74	45.15	33.57
165.0	519.88	386.81	277.72	181.02	116.68	81.12	61.14	43.56	32.37
170.0	506.69	385.21	270.13	173.43	110.69	77.92	59.14	41.96	31.97
175.0	503.90	380.02	265.33	165.83	106.29	73.13	57.54	40.36	31.17
180.0	494.70	367.23	258.94	157.84	100.30	71.13	57.14	38.76	30.37
185.0	486.71	364.04	252.95	152.65	94.31	68.73	56.34	37.96	29.97
190.0	484.32	357.24	245.35	148.65	89.51	67.93	55.14	37.56	29.57
195.0	478.72	350.85	240.16	140.66	87.11	66.33	54.75	36.76	29.57
200.0	473.53	347.65	234.17	135.86	85.91	66.33	53.55	36.36	29.17
205.0	470.73	342.86	230.97	132.67	85.51	67.53	53.55	36.36	29.57
210.0	468.73	342.86	227.37	129.07	85.91	67.13	53.95	36.36	29.17
215.0	462.74	339.66	226.17	127.07	86.31	67.53	53.95	36.36	29.57
220.0	461.94	336.06	222.98	127.47	87.51	68.33	53.55	36.36	29.57
225.0	462.34	338.06	222.98	128.67	88.71	69.13	53.55	36.76	29.57
230.0	459.94	335.66	221.78	132.27	90.71	69.93	54.35	37.56	30.37
235.0	462.74	334.86	221.78	135.46	93.51	71.13	55.54	37.56	30.37
240.0	461.94	335.26	224.18	139.06	94.31	71.93	55.94	38.76	31.17
245.0	474.72	342.06	228.97	144.66	97.50	73.13	57.14	39.16	31.17
250.0	474.72	347.65	231.77	149.45	101.50	75.12	57.94	39.96	31.57
255.0	481.12	350.45	234.57	155.04	104.30	77.52	59.54	41.16	32.37
260.0	489.91	358.04	241.76	159.04	109.09	79.52	61.54	41.56	33.17
265.0	499.90	360.44	247.75	165.03	113.09	82.32	62.74	43.56	34.37
270.0	507.09	373.23	256.54	172.63	119.08	87.11	65.53	45.95	35.16
275.0	515.08	380.82	262.94	179.02	123.88	90.71	67.93	47.55	36.36
280.0	523.08	390.41	271.33	185.81	131.87	95.50	70.73	48.75	37.96
285.0	532.67	399.20	280.92	192.21	139.06	98.70	74.33	51.15	39.16

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	547.05	406.39	289.71	204.99	141.46	103.50	77.92	53.15	40.36
295.0	556.64	414.78	296.10	204.99	146.65	109.09	80.32	55.14	41.96
300.0	558.64	421.18	303.70	210.99	149.85	111.89	83.52	57.54	43.56
305.0	568.23	427.97	314.09	214.19	153.85	115.88	87.11	60.34	45.55
310.0	581.82	438.36	320.48	222.18	155.84	117.88	90.31	62.34	46.75
315.0	589.81	441.56	328.87	230.17	160.24	119.48	92.71	64.34	47.95
320.0	597.80	451.15	333.67	236.16	164.24	121.88	94.31	67.13	49.15
325.0	607.79	460.74	346.45	246.15	166.63	124.28	95.90	68.33	50.35
330.0	613.79	467.93	349.65	252.95	173.83	126.27	97.90	69.93	51.95
335.0	621.78	478.72	358.44	259.74	181.82	129.47	99.90	71.53	53.15
340.0	636.96	484.32	367.63	268.13	189.01	132.27	102.30	72.33	54.75
345.0	647.35	497.90	374.03	275.32	194.61	136.66	103.90	74.73	55.54
350.0	657.34	505.89	386.01	284.91	203.80	143.46	105.89	77.12	56.74
355.0	669.73	513.09	394.80	290.51	212.19	148.65	108.69	79.52	58.74
360.0	680.92	524.67	404.00	294.51	216.58	155.84	113.89	81.92	60.34

Intensity data(cd)

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	46.75	37.16	29.57	22.38	17.18	15.58	14.79	13.99	12.39
5.0	48.35	37.56	30.37	23.18	17.58	15.58	14.79	13.99	12.39
10.0	49.55	39.16	31.17	23.98	17.98	15.98	15.18	13.99	12.79
15.0	50.75	39.96	31.57	24.38	18.38	15.98	15.18	13.99	12.79
20.0	51.95	41.16	32.37	24.78	18.78	15.98	15.18	14.39	12.79
25.0	53.95	41.96	33.17	25.17	18.78	16.38	15.58	14.39	12.79
30.0	55.54	43.16	33.97	25.57	19.18	16.38	15.18	14.39	13.19
35.0	57.14	44.76	34.77	26.37	19.58	16.38	15.58	14.79	13.19
40.0	58.34	45.95	35.56	27.17	19.98	16.38	15.58	14.79	13.59
45.0	60.34	46.75	36.36	27.57	20.38	16.78	15.98	15.18	13.59
50.0	61.14	47.55	36.76	27.97	20.38	16.78	15.98	15.18	13.59
55.0	61.94	48.35	37.16	27.97	20.78	17.18	15.98	15.18	13.99
60.0	62.74	48.75	37.16	28.37	21.18	17.18	15.98	15.18	13.99
65.0	63.14	48.35	37.56	28.37	21.18	17.18	16.38	15.18	13.99
70.0	62.34	48.35	37.56	28.77	21.58	17.58	16.78	15.18	13.59
75.0	62.74	48.75	37.96	29.17	21.98	17.98	16.78	15.18	13.59
80.0	61.54	48.35	37.56	29.17	22.38	17.98	16.78	15.18	13.59
85.0	60.74	47.55	37.16	29.17	21.98	17.58	16.38	15.18	13.59
90.0	59.14	45.95	36.36	28.37	21.98	17.58	16.38	15.18	13.59
95.0	56.34	44.36	35.56	27.97	21.58	17.58	16.38	14.79	13.59
100.0	53.15	42.36	34.77	27.57	21.18	17.58	15.98	14.79	13.19
105.0	49.55	40.76	32.37	26.37	20.78	17.18	15.98	14.79	13.19
110.0	47.15	37.96	30.77	24.78	19.98	16.78	15.58	14.39	13.19
115.0	43.56	35.56	29.57	23.58	18.78	15.98	14.79	13.99	12.79
120.0	40.76	33.17	27.97	22.78	18.38	15.58	14.39	13.59	12.39
125.0	38.36	31.57	26.77	21.98	17.58	15.18	13.99	13.59	11.99
130.0	35.56	29.97	25.57	21.18	17.18	14.79	13.99	13.19	11.99
135.0	34.37	28.77	24.38	20.38	16.78	14.79	13.59	12.79	11.99
140.0	32.37	27.57	23.58	19.58	16.38	14.39	13.59	12.79	11.59
145.0	31.17	26.37	22.38	18.78	15.98	13.99	13.19	12.39	11.19
150.0	29.57	25.57	21.98	18.38	15.58	13.59	13.19	11.99	11.19
155.0	29.17	24.78	21.18	17.98	15.18	13.59	12.79	11.99	10.79
160.0	28.37	24.38	21.18	17.98	15.18	13.59	12.79	11.99	10.79
165.0	27.97	23.58	20.38	17.58	14.79	13.19	12.79	11.99	10.79
170.0	27.17	23.18	20.38	17.18	14.79	13.19	12.79	11.59	10.79
175.0	26.37	22.78	19.98	16.78	14.39	13.19	12.39	11.59	10.79
180.0	25.97	22.38	19.58	16.78	14.39	13.19	12.39	11.59	10.39
185.0	25.57	21.98	19.18	16.38	14.39	13.19	12.39	11.59	10.39
190.0	25.57	21.98	18.78	16.38	14.39	13.19	12.39	11.59	10.39
195.0	25.17	21.98	19.18	16.38	14.39	13.59	12.79	11.59	10.39
200.0	25.17	21.58	18.78	16.38	14.39	13.59	12.39	11.59	10.39
205.0	25.17	21.58	18.78	16.38	14.39	13.19	12.39	11.59	10.39
210.0	25.17	21.58	18.78	15.98	13.99	13.19	12.39	11.59	9.99
215.0	24.78	21.98	18.78	15.98	14.39	13.59	12.39	11.59	9.99
220.0	25.17	21.58	18.78	16.38	14.39	13.59	12.79	11.59	9.99
225.0	25.17	21.58	18.78	15.98	13.99	13.19	12.79	11.59	9.99
230.0	25.17	21.58	18.38	15.58	13.99	13.19	12.39	11.59	9.99
235.0	25.17	21.58	18.78	15.58	13.59	12.79	12.39	11.19	9.99
240.0	25.57	21.98	18.78	15.58	13.59	13.19	12.39	11.19	9.99
245.0	25.97	21.98	18.78	15.98	13.59	13.19	12.39	11.59	9.99
250.0	26.37	22.38	19.18	15.98	13.99	13.19	12.39	11.59	9.99
255.0	26.77	22.78	19.18	15.98	13.99	13.19	12.39	11.59	9.99
260.0	27.57	22.78	19.58	15.98	13.99	13.19	12.39	11.59	9.59
265.0	28.37	23.58	19.58	16.38	13.99	13.19	12.39	11.59	9.59
270.0	29.17	24.38	19.98	16.38	13.99	13.19	12.79	11.59	9.99
275.0	29.97	24.78	20.78	16.78	14.39	13.59	12.79	11.59	9.99
280.0	30.77	25.57	21.18	17.18	14.39	13.59	12.79	11.59	9.99
285.0	31.97	25.97	21.58	17.58	14.39	13.59	12.79	11.99	10.39

Intensity data(cd)

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	33.17	26.77	21.98	17.58	14.79	13.59	13.19	11.99	10.39
295.0	33.97	27.57	22.78	18.38	14.79	13.99	13.19	12.39	10.39
300.0	35.16	28.37	23.18	18.38	15.18	13.99	13.59	12.39	10.39
305.0	36.36	29.57	23.98	18.78	15.18	13.99	13.59	12.39	10.79
310.0	37.16	30.37	24.38	19.58	15.58	14.39	13.59	12.79	10.79
315.0	38.36	31.57	25.17	19.98	15.98	14.79	13.59	12.79	10.79
320.0	39.56	31.97	25.97	20.38	15.98	14.79	13.99	12.79	11.19
325.0	39.96	32.77	26.37	20.78	15.98	14.79	13.99	12.79	11.19
330.0	41.16	33.57	27.17	20.78	15.98	14.79	13.99	13.19	11.59
335.0	41.96	34.37	27.57	21.18	16.38	14.79	14.39	13.19	11.59
340.0	43.16	34.77	27.97	21.58	16.78	15.18	14.79	13.59	11.99
345.0	43.56	35.16	28.37	21.98	16.78	15.58	14.39	13.59	11.99
350.0	44.76	35.96	28.37	22.38	17.18	15.58	14.79	13.59	11.99
355.0	45.95	36.36	29.17	21.98	17.18	15.58	14.79	13.99	12.39
360.0	46.75	37.16	29.57	22.38	17.18	15.58	14.79	13.99	12.39

Intensity data(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	9.99	8.39	5.19	2.40	1.20	0.80	0.40	0.00	0.00
5.0	10.39	8.39	5.19	2.40	1.20	0.80	0.40	0.00	0.00
10.0	10.39	8.79	5.59	2.40	1.20	0.80	0.40	0.00	0.00
15.0	10.39	8.79	5.59	2.80	1.60	0.80	0.40	0.00	0.00
20.0	10.39	8.79	5.99	2.80	1.60	0.80	0.40	0.00	0.00
25.0	10.39	9.19	6.39	2.80	1.60	0.80	0.40	0.00	0.00
30.0	10.79	9.19	6.39	2.80	1.60	0.80	0.40	0.00	0.00
35.0	10.79	9.19	6.79	3.20	1.60	0.80	0.40	0.00	0.00
40.0	10.79	9.59	6.79	3.20	1.60	0.80	0.40	0.00	0.00
45.0	11.19	9.19	6.79	2.80	1.60	0.80	0.40	0.00	0.00
50.0	11.19	9.19	6.79	2.80	1.20	0.80	0.40	0.00	0.00
55.0	11.59	9.19	6.39	2.80	1.20	0.80	0.40	0.00	0.00
60.0	11.19	9.19	5.99	2.80	1.20	0.80	0.40	0.00	0.00
65.0	11.19	9.19	5.59	2.40	1.20	0.80	0.40	0.00	0.00
70.0	11.19	9.19	5.19	2.40	1.20	0.80	0.40	0.00	0.00
75.0	10.79	9.19	4.80	2.40	1.20	0.80	0.40	0.00	0.00
80.0	10.79	8.79	4.80	2.40	1.20	0.80	0.40	0.00	0.00
85.0	10.79	9.19	4.80	2.40	1.20	0.80	0.40	0.00	0.00
90.0	10.79	9.19	4.80	2.40	1.20	0.80	0.40	0.00	0.00
95.0	10.79	8.79	5.19	2.40	1.20	0.80	0.40	0.00	0.00
100.0	10.79	8.79	5.59	2.40	1.20	0.80	0.40	0.00	0.00
105.0	11.19	8.79	5.99	2.80	1.20	0.80	0.40	0.00	0.00
110.0	10.79	8.79	6.39	2.80	1.60	0.80	0.40	0.00	0.00
115.0	10.79	8.79	6.39	3.20	1.60	0.80	0.40	0.00	0.00
120.0	10.79	8.79	6.39	3.60	2.00	0.80	0.40	0.00	0.00
125.0	10.39	8.39	6.79	3.60	2.00	1.20	0.40	0.00	0.00
130.0	10.39	8.39	6.79	4.00	2.00	1.20	0.40	0.40	0.00
135.0	9.99	8.39	6.79	4.00	2.00	1.20	0.80	0.40	0.00
140.0	9.99	8.39	6.79	4.00	2.40	1.20	0.80	0.40	0.00
145.0	9.59	7.99	6.79	4.00	2.40	1.20	0.80	0.40	0.00
150.0	9.59	7.99	6.39	4.00	2.40	1.20	0.80	0.40	0.00
155.0	9.59	7.99	6.39	4.00	2.40	1.20	0.80	0.40	0.00
160.0	9.19	7.99	6.39	3.60	2.40	1.20	0.80	0.40	0.00
165.0	9.19	7.59	5.99	3.60	2.40	1.20	0.80	0.40	0.00
170.0	9.19	7.59	5.99	3.60	2.40	1.20	0.80	0.40	0.00
175.0	9.19	7.59	5.99	3.60	2.40	1.20	0.80	0.40	0.00
180.0	8.79	7.59	5.99	3.60	2.00	1.20	0.80	0.40	0.00
185.0	8.79	7.59	5.59	3.60	2.00	1.20	0.80	0.40	0.00
190.0	8.79	7.59	5.59	3.60	2.00	1.20	0.80	0.40	0.00
195.0	8.79	7.59	5.59	3.20	2.00	1.20	0.80	0.40	0.00
200.0	8.79	7.59	5.19	3.20	2.00	1.20	0.80	0.40	0.00
205.0	8.79	7.19	5.19	3.20	2.00	1.20	0.40	0.40	0.00
210.0	8.39	7.19	5.19	3.20	2.00	1.20	0.40	0.40	0.00
215.0	8.39	7.19	4.80	3.20	2.00	0.80	0.40	0.00	0.00
220.0	8.39	7.19	4.80	2.80	1.60	0.80	0.40	0.00	0.00
225.0	8.39	7.19	4.80	2.80	1.60	0.80	0.40	0.00	0.00
230.0	8.39	7.19	4.40	2.80	1.60	0.80	0.40	0.00	0.00
235.0	8.39	6.79	4.40	2.40	1.20	0.80	0.40	0.00	0.00
240.0	8.39	6.79	4.00	2.40	1.20	0.40	0.00	0.00	0.00
245.0	8.39	6.39	4.00	2.00	1.20	0.40	0.00	0.00	0.00
250.0	7.99	6.39	3.60	2.00	0.80	0.40	0.00	0.00	0.00
255.0	7.99	6.39	3.20	1.60	0.80	0.40	0.00	0.00	0.00
260.0	7.99	5.99	3.20	1.60	0.80	0.40	0.00	0.00	0.00
265.0	7.99	5.99	3.20	1.60	0.80	0.40	0.00	0.00	0.00
270.0	7.99	5.99	2.80	1.60	0.80	0.40	0.00	0.00	0.00
275.0	8.39	5.59	2.80	1.60	0.80	0.40	0.00	0.00	0.00
280.0	8.39	5.99	3.20	1.60	0.80	0.40	0.00	0.00	0.00
285.0	8.39	5.99	3.20	1.60	0.80	0.40	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	8.39	6.39	3.20	1.60	0.80	0.40	0.00	0.00	0.00
295.0	8.79	6.79	3.60	2.00	0.80	0.40	0.00	0.00	0.00
300.0	8.79	6.79	3.60	2.00	0.80	0.40	0.00	0.00	0.00
305.0	8.79	7.19	4.00	2.00	1.20	0.40	0.00	0.00	0.00
310.0	8.79	7.19	4.00	2.00	1.20	0.40	0.40	0.00	0.00
315.0	9.19	7.19	4.00	2.00	1.20	0.40	0.40	0.00	0.00
320.0	9.19	7.19	4.00	2.00	1.20	0.80	0.40	0.00	0.00
325.0	9.19	7.59	4.00	2.00	1.20	0.80	0.40	0.00	0.00
330.0	9.59	7.59	4.40	2.00	1.20	0.80	0.40	0.00	0.00
335.0	9.59	7.59	4.40	2.40	1.20	0.80	0.40	0.00	0.00
340.0	9.59	7.99	4.40	2.40	1.20	0.80	0.40	0.00	0.00
345.0	9.99	7.99	4.40	2.40	1.20	0.80	0.40	0.00	0.00
350.0	9.99	8.39	4.80	2.40	1.20	0.80	0.40	0.00	0.00
355.0	9.99	8.39	4.80	2.40	1.20	0.80	0.40	0.00	0.00
360.0	9.99	8.39	5.19	2.40	1.20	0.80	0.40	0.00	0.00

Intensity data(cd)

C/γ(°)	90.0
0.0	0.00
5.0	0.00
10.0	0.00
15.0	0.00
20.0	0.00
25.0	0.00
30.0	0.00
35.0	0.00
40.0	0.00
45.0	0.00
50.0	0.00
55.0	0.00
60.0	0.00
65.0	0.00
70.0	0.00
75.0	0.00
80.0	0.00
85.0	0.00
90.0	0.00
95.0	0.00
100.0	0.00
105.0	0.00
110.0	0.00
115.0	0.00
120.0	0.00
125.0	0.00
130.0	0.00
135.0	0.00
140.0	0.00
145.0	0.00
150.0	0.00
155.0	0.00
160.0	0.00
165.0	0.00
170.0	0.00
175.0	0.00
180.0	0.00
185.0	0.00
190.0	0.00
195.0	0.00
200.0	0.00
205.0	0.00
210.0	0.00
215.0	0.00
220.0	0.00
225.0	0.00
230.0	0.00
235.0	0.00
240.0	0.00
245.0	0.00
250.0	0.00
255.0	0.00
260.0	0.00
265.0	0.00
270.0	0.00
275.0	0.00
280.0	0.00
285.0	0.00

Intensity data(cd)

Page: 16 Total:16

C/γ(°)	90.0
290.0	0.00
295.0	0.00
300.0	0.00
305.0	0.00
310.0	0.00
315.0	0.00
320.0	0.00
325.0	0.00
330.0	0.00
335.0	0.00
340.0	0.00
345.0	0.00
350.0	0.00
355.0	0.00
360.0	0.00