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十方光電科技有限公司

燈具名稱: LED嵌燈	
燈具描述: D03-0112	
報告編號: 18-0555-24	電壓(V): 220.0100
測試編號: 18-0555-24	電流(A): 0.0330
光源規格型號: 3W	功率(W): 2.1340
每個光源光通量(lm)	功率因數: 0.2900
光源數量: 1	鎮流器型號: DS/LCP-S6-350
發光面長度(mm): 47	發光面寬度(mm): 47
測試模式: C	發光面高度(mm): 45

光度結果

燈具光通量(lm): 95.64
燈具效能(lm/w): 44.82
中心光強(cd): 276.026
最大光強(cd): 364.290
最大光強角度: $C=305.0 \gamma=10.0$
半峰邊角(50%Imax): [C0/180]Left=8.1 Right=14.4
 [C90/270]Left=15.0 Right=6.8
光束擴散角(10%Imax): [C0/180]Left=24.9 Right=23.6
 [C90/270]Left=24.1 Right=24.8

測試設備: GMS-2000
環境溫度(°C): 25.2

測試日期: 2020/6/15
環境濕度(%): 61.0%

測試人員: 廖苡汎
測試距離(m): 20.03

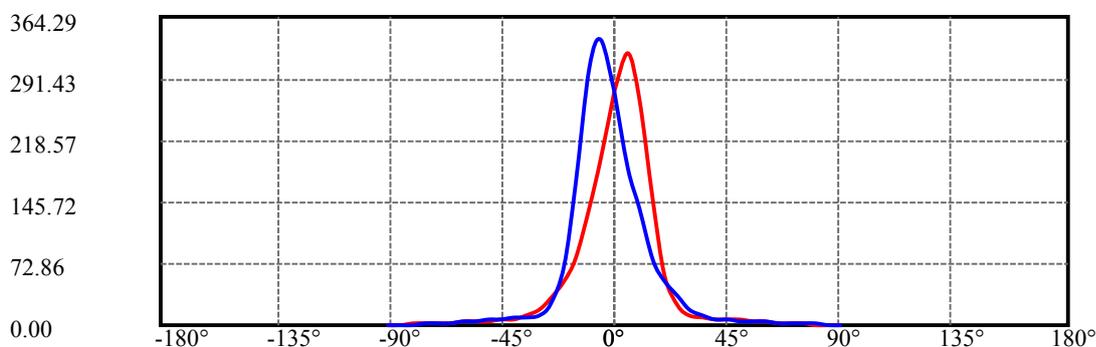
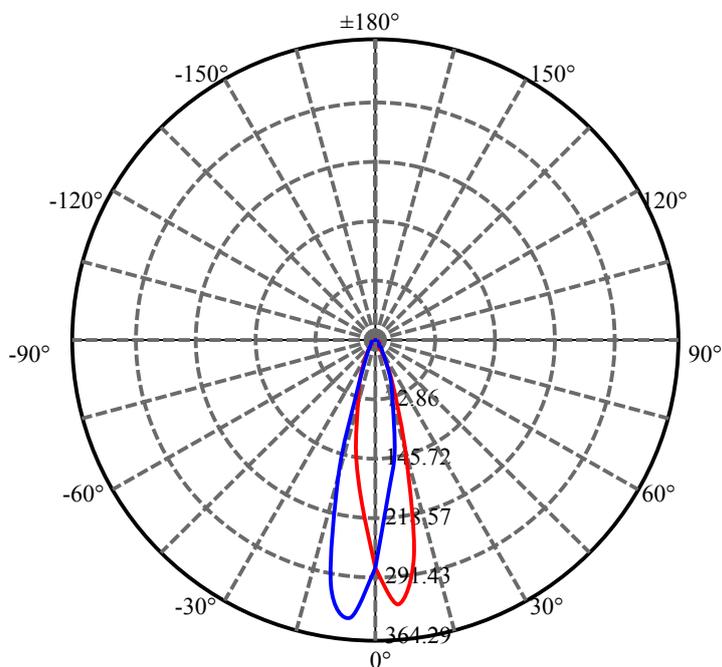
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	276.026	.000	.000	.000%	.000%
5.0	261.210	6.423	6.423	6.715%	6.715%
10.0	213.372	16.977	23.400	17.751%	24.466%
15.0	122.171	19.904	43.304	20.811%	45.277%
20.0	61.841	15.165	58.469	15.856%	61.133%
25.0	31.767	9.818	68.287	10.265%	71.398%
30.0	15.112	5.933	74.220	6.203%	77.601%
35.0	9.690	3.652	77.872	3.819%	81.419%
40.0	7.718	2.904	80.776	3.037%	84.456%
45.0	6.731	2.675	83.451	2.797%	87.253%
50.0	5.985	2.569	86.021	2.686%	89.940%
55.0	4.904	2.367	88.388	2.475%	92.415%
60.0	3.973	2.052	90.440	2.145%	94.560%
65.0	3.070	1.712	92.152	1.790%	96.350%
70.0	2.279	1.354	93.507	1.416%	97.767%
75.0	1.516	.992	94.499	1.037%	98.804%
80.0	.958	.662	95.161	.692%	99.496%
85.0	.401	.369	95.530	.386%	99.882%
90.0	.011	.113	95.643	.118%	100.000%

ZONAL LUMEN SUMMARY

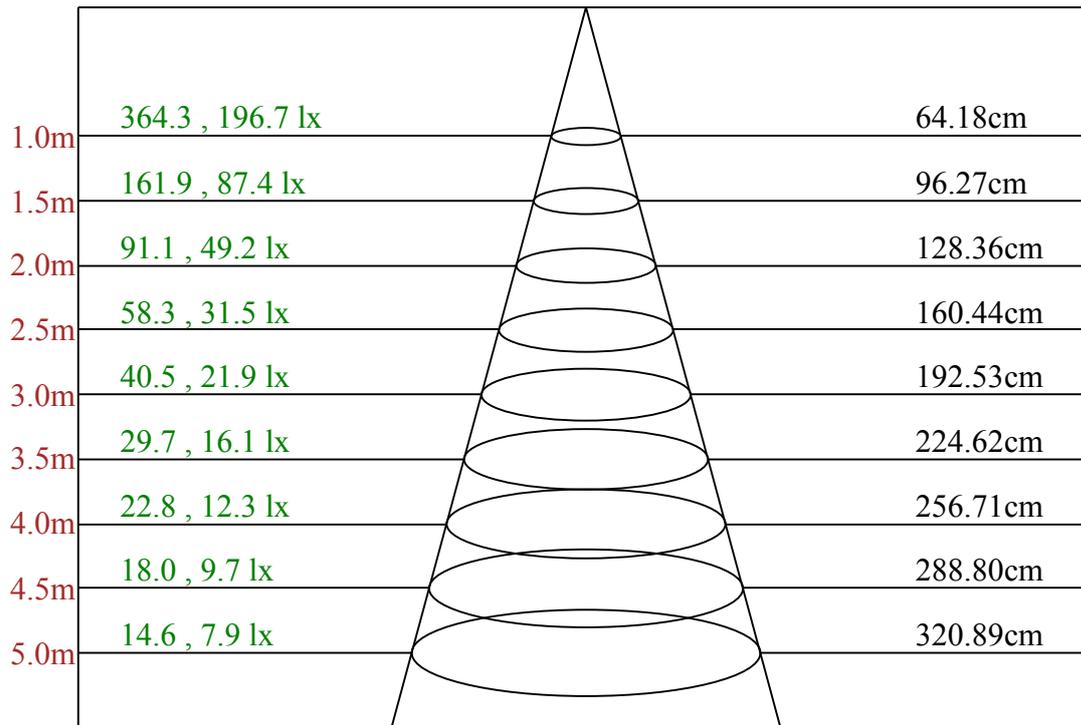
Zone	Lumens	%Fixt
0-30	74.22	77.60%
0-40	80.78	84.46%
0-60	90.44	94.56%
0-90	95.53	99.88%
0-120	95.53	99.88%
0-180	95.64	100.00%
60-90	7.14	7.47%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-33.14	76.51	80.00%

ZONAL LUMEN SUMMARY

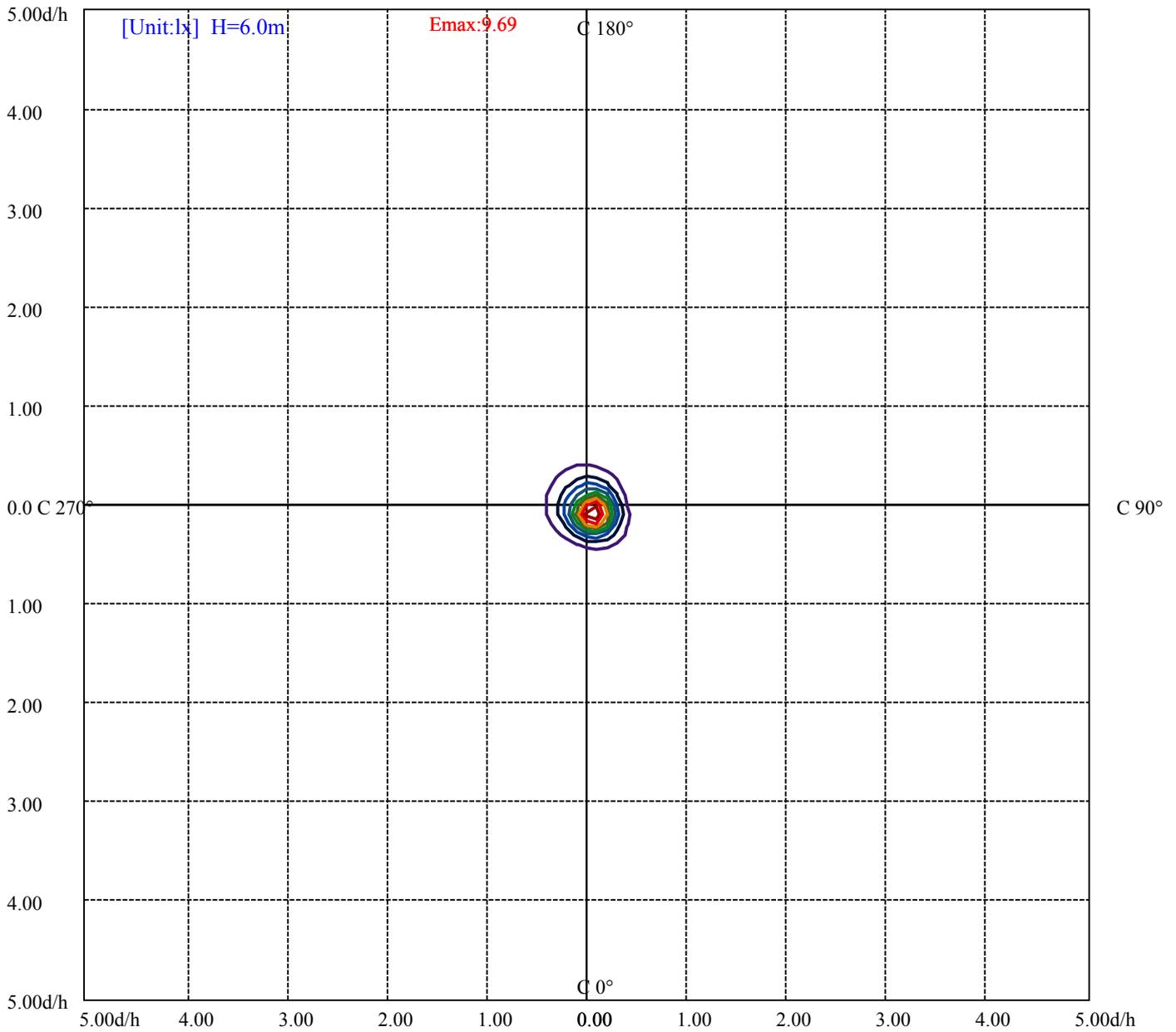
0-10	23.40
10-20	35.07
20-30	15.75
30-40	6.56
40-50	5.24
50-60	4.42
60-70	3.07
70-80	1.65
80-90	0.37
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —
C90/C270: —



Max , Ave C305面光束角35.38



- (10%Emax) 0.9687473
- (20%Emax) 1.937495
- (30%Emax) 2.90625
- (40%Emax) 3.875
- (50%Emax) 4.84375
- (60%Emax) 5.812472
- (70%Emax) 6.781222
- (80%Emax) 7.749972
- (90%Emax) 8.718722

測試設備：GMS-2000
 環境溫度(°C)：25.2

測試日期：2020/6/15
 環境濕度(%)：61.0%

測試人員：廖苡汎
 測試距離(m)：20.03

光強數據表(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	276.03	321.36	266.80	146.44	57.77	21.66	11.23	8.83	7.62
5.0	276.03	315.75	258.77	135.20	54.16	21.66	11.23	8.83	7.62
10.0	276.03	314.14	247.14	125.58	51.35	21.66	11.23	8.43	7.22
15.0	276.03	303.31	233.50	118.35	50.55	22.07	11.63	8.43	7.22
20.0	276.03	291.67	229.09	113.54	50.15	22.87	11.63	8.43	7.22
25.0	276.03	284.45	218.65	108.73	50.55	23.27	12.04	8.43	6.82
30.0	276.03	274.02	207.02	103.91	50.95	24.07	12.04	8.43	6.82
35.0	276.03	266.00	197.79	99.10	49.35	25.28	12.44	8.43	6.82
40.0	276.03	252.36	184.55	97.09	50.55	25.68	12.84	8.43	6.82
45.0	276.03	241.92	179.74	96.29	50.95	26.48	13.24	8.43	6.82
50.0	276.03	235.10	170.91	93.08	50.95	27.28	14.04	8.83	6.82
55.0	276.03	226.28	164.89	91.47	50.95	27.28	14.44	8.83	6.82
60.0	276.03	220.26	160.48	88.67	50.95	27.68	14.84	8.83	7.22
65.0	276.03	211.43	154.06	85.05	50.95	28.08	14.84	9.63	7.22
70.0	276.03	203.41	149.65	83.85	50.95	29.69	15.65	9.63	7.22
75.0	276.03	198.19	146.44	82.25	50.95	30.09	16.45	10.03	7.22
80.0	276.03	193.78	145.23	79.44	51.75	30.89	16.85	10.03	7.62
85.0	276.03	188.56	141.62	78.23	52.16	31.69	17.25	10.43	7.62
90.0	276.03	184.55	138.82	77.43	52.56	32.90	18.05	10.43	7.62
95.0	276.03	184.15	138.41	77.43	51.35	33.30	18.05	10.83	8.02
100.0	276.03	183.75	135.61	76.63	51.35	33.30	18.05	10.83	8.02
105.0	276.03	181.34	134.00	75.43	51.75	32.90	18.46	11.23	8.02
110.0	276.03	179.34	132.00	74.22	51.75	33.70	18.86	11.23	8.02
115.0	276.03	179.34	130.79	75.02	51.35	33.70	18.86	11.63	8.02
120.0	276.03	177.73	128.38	73.02	51.75	33.70	18.86	11.63	8.02
125.0	276.03	177.73	127.18	72.22	52.16	33.30	19.26	12.04	8.02
130.0	276.03	176.13	127.98	71.41	51.75	32.90	19.26	11.63	8.02
135.0	276.03	174.92	125.98	72.62	50.95	33.70	19.26	11.63	8.02
140.0	276.03	173.32	125.58	72.22	50.95	33.70	19.66	11.63	8.43
145.0	276.03	175.73	125.17	72.62	50.95	33.30	19.26	11.63	8.43
150.0	276.03	176.53	125.17	72.62	50.95	33.70	19.26	11.63	8.43
155.0	276.03	178.53	126.78	73.82	51.75	33.70	18.86	11.23	8.02
160.0	276.03	181.34	128.79	73.42	51.35	33.30	18.86	11.23	8.02
165.0	276.03	184.95	129.59	75.83	50.95	33.30	18.46	10.83	7.62
170.0	276.03	187.36	132.80	77.03	52.96	33.30	18.05	10.83	7.62
175.0	276.03	190.17	135.20	76.63	52.16	32.50	17.65	10.43	7.62
180.0	276.03	197.39	138.82	78.64	52.56	31.69	17.25	10.43	7.22
185.0	276.03	202.61	141.62	79.44	52.16	31.69	17.25	10.03	7.22
190.0	276.03	209.43	148.44	80.64	52.16	31.29	16.05	9.63	7.22
195.0	276.03	216.25	153.26	83.45	52.56	30.89	16.05	9.63	7.22
200.0	276.03	223.47	156.87	85.05	51.75	29.69	15.65	9.23	7.22
205.0	276.03	233.50	163.69	87.46	52.16	29.69	14.84	9.23	6.82
210.0	276.03	240.72	172.52	89.07	51.75	28.49	14.44	8.83	6.82
215.0	276.03	249.15	179.34	90.67	51.35	27.68	14.04	8.83	7.22
220.0	276.03	261.18	188.97	93.48	50.95	26.88	13.24	8.83	6.82
225.0	276.03	268.80	195.79	97.89	51.75	26.48	12.44	8.83	7.22
230.0	276.03	277.23	204.61	103.11	51.75	25.28	12.44	8.43	7.22
235.0	276.03	288.86	215.04	103.91	51.35	24.47	12.44	8.43	7.22
240.0	276.03	294.48	227.88	109.53	52.56	23.67	12.04	8.43	7.22
245.0	276.03	302.91	239.12	118.35	52.56	22.47	11.63	8.83	7.62
250.0	276.03	309.33	252.36	127.18	54.56	21.66	11.63	8.83	7.62
255.0	276.03	316.15	265.60	136.41	58.17	21.26	11.23	8.83	7.62
260.0	276.03	328.98	278.43	144.83	61.78	21.66	11.63	9.23	8.02
265.0	276.03	332.60	290.07	154.46	64.99	22.87	11.63	9.23	8.02
270.0	276.03	337.01	302.10	167.70	71.01	25.28	12.04	9.23	8.43
275.0	276.03	343.43	312.94	180.14	76.63	29.69	12.84	9.23	8.43
280.0	276.03	347.84	325.78	191.77	81.84	34.50	12.84	9.63	8.43
285.0	276.03	354.66	335.00	205.41	87.86	38.92	14.04	9.63	8.43

光強數據表(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
290.0	276.03	363.09	344.63	219.06	93.88	43.73	14.44	9.63	8.83
295.0	276.03	359.48	353.06	231.49	99.90	49.35	15.25	9.63	8.83
300.0	276.03	356.67	358.27	241.12	103.51	53.36	15.25	9.63	8.83
305.0	276.03	360.28	364.29	247.14	109.13	55.77	16.05	9.63	8.83
310.0	276.03	353.46	360.68	248.74	110.73	57.37	16.45	9.23	8.43
315.0	276.03	357.07	360.68	246.74	108.32	57.37	17.25	9.63	8.43
320.0	276.03	347.84	355.06	239.12	103.51	53.36	17.25	9.63	8.43
325.0	276.03	344.63	345.84	229.09	99.50	47.74	16.45	9.63	8.43
330.0	276.03	349.85	332.19	222.27	93.88	43.73	15.65	9.63	8.43
335.0	276.03	348.64	318.15	205.82	92.28	38.11	14.84	9.63	8.43
340.0	276.03	341.82	307.72	194.58	84.65	34.50	14.04	9.23	8.02
345.0	276.03	337.81	300.50	179.74	78.64	29.69	12.84	9.23	8.02
350.0	276.03	333.40	289.27	164.09	71.41	25.68	12.04	9.23	8.02
355.0	276.03	328.18	279.64	152.86	64.19	23.67	11.63	8.83	7.62
360.0	276.03	321.36	266.80	146.44	57.77	21.66	11.23	8.83	7.62

光強數據表(cd)

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	6.82	6.02	4.81	3.61	2.81	2.01	1.20	0.80	0.40
5.0	6.82	6.02	4.81	3.61	2.81	2.01	1.20	0.80	0.40
10.0	6.42	5.62	4.81	3.61	2.81	2.01	1.20	0.80	0.40
15.0	6.42	5.62	4.81	3.61	2.81	2.01	1.20	0.80	0.40
20.0	6.42	5.62	4.81	3.61	2.81	2.01	1.20	0.80	0.40
25.0	6.02	5.62	4.81	3.61	2.81	2.01	1.20	0.80	0.40
30.0	6.02	5.22	4.81	3.61	2.81	2.01	1.20	0.80	0.40
35.0	6.02	5.22	4.81	3.61	2.81	2.01	1.20	0.80	0.40
40.0	6.02	5.22	4.41	3.61	2.81	2.01	1.20	0.80	0.40
45.0	6.02	5.22	4.81	3.61	2.81	2.01	1.60	0.80	0.40
50.0	6.02	5.22	4.81	3.61	2.81	2.01	1.60	0.80	0.40
55.0	6.02	5.22	4.41	4.01	2.81	2.01	1.60	0.80	0.40
60.0	6.02	5.22	4.81	3.61	2.81	2.41	1.60	0.80	0.40
65.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	0.80	0.40
70.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
75.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
80.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
85.0	6.02	5.22	4.41	4.01	3.21	2.41	2.01	1.20	0.40
90.0	6.02	5.22	4.81	4.01	3.21	2.81	2.01	1.20	0.40
95.0	6.42	5.22	4.81	4.01	3.61	2.81	2.01	1.20	0.40
100.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
105.0	6.42	5.22	4.81	4.01	3.61	2.81	2.01	1.20	0.40
110.0	6.42	5.22	4.81	4.01	3.61	2.81	2.01	1.20	0.40
115.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
120.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
125.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
130.0	6.42	5.62	4.81	4.41	3.61	2.81	2.01	1.20	0.40
135.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
140.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
145.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
150.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
155.0	6.42	5.22	4.81	4.41	3.61	2.81	2.01	1.20	0.40
160.0	6.42	5.22	4.81	4.01	3.61	2.81	2.01	1.20	0.40
165.0	6.02	5.22	4.81	4.01	3.61	2.81	2.01	1.20	0.40
170.0	6.02	5.22	4.81	4.01	3.21	2.81	2.01	1.20	0.40
175.0	6.02	5.22	4.81	4.01	3.21	2.81	1.60	1.20	0.40
180.0	6.02	5.22	4.41	4.01	3.21	2.41	1.60	1.20	0.40
185.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
190.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
195.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	1.20	0.40
200.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	0.80	0.40
205.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	0.80	0.40
210.0	6.02	5.22	4.81	4.01	3.21	2.41	1.60	0.80	0.40
215.0	6.02	5.22	4.81	4.01	3.21	2.01	1.60	0.80	0.40
220.0	6.02	5.22	4.81	4.01	3.21	2.01	1.60	0.80	0.40
225.0	6.02	5.22	4.81	4.01	2.81	2.01	1.60	0.80	0.40
230.0	6.42	5.62	4.81	4.01	2.81	2.01	1.60	0.80	0.40
235.0	6.42	5.62	4.81	4.01	2.81	2.01	1.20	0.80	0.40
240.0	6.42	5.62	4.81	4.01	2.81	2.01	1.20	0.80	0.40
245.0	6.82	6.02	5.22	4.01	2.81	2.01	1.20	0.80	0.40
250.0	6.82	6.02	4.81	4.01	2.81	2.01	1.20	0.80	0.40
255.0	7.22	6.02	5.22	4.01	2.81	2.01	1.20	0.80	0.40
260.0	7.22	6.42	5.22	4.01	2.81	2.01	1.20	0.80	0.40
265.0	7.62	6.82	5.22	4.01	2.81	2.01	1.20	0.80	0.40
270.0	7.62	6.82	5.22	4.01	2.81	2.01	1.20	0.80	0.40
275.0	8.02	7.22	5.22	4.01	2.81	2.01	1.20	0.80	0.40
280.0	8.02	7.62	5.22	4.01	2.81	2.01	1.20	0.80	0.40
285.0	8.02	7.62	5.22	4.01	2.81	2.01	1.20	0.80	0.40

光強數據表(cd)

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
290.0	8.43	8.02	5.22	4.01	2.81	2.01	1.20	1.20	0.40
295.0	8.43	8.43	5.22	4.01	2.81	2.01	1.20	1.20	0.40
300.0	8.43	8.43	5.22	4.01	2.81	2.01	1.20	0.80	0.40
305.0	8.43	8.43	5.22	4.01	2.81	2.01	1.20	0.80	0.40
310.0	8.43	8.43	5.22	4.01	2.81	2.01	1.20	0.80	0.40
315.0	8.43	8.43	5.22	4.01	2.81	2.01	1.20	0.80	0.40
320.0	8.02	8.02	5.22	4.01	2.81	2.01	1.20	0.80	0.40
325.0	8.02	8.02	5.22	4.01	2.81	2.01	1.20	0.80	0.40
330.0	8.02	8.02	5.22	4.01	2.81	2.01	1.20	0.80	0.40
335.0	8.02	8.02	5.22	3.61	2.81	2.01	1.20	0.80	0.40
340.0	7.62	7.62	5.22	3.61	2.81	2.01	1.20	0.80	0.40
345.0	7.62	7.22	5.22	3.61	2.81	2.01	1.20	0.80	0.40
350.0	7.62	6.42	4.81	3.61	2.81	2.01	1.20	0.80	0.40
355.0	7.22	6.42	4.81	3.61	2.81	2.01	1.20	0.80	0.40
360.0	6.82	6.02	4.81	3.61	2.81	2.01	1.20	0.80	0.40

光強數據表(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

光強數據表(cd)

C/γ(°)	90.0
290.0	0.00
295.0	0.40
300.0	0.40
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