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## 十方光電科技有限公司

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燈具名稱: LED嵌燈	
燈具描述: D05-C02W	
報告編號: 18-0555-19	電壓(V): 220.0400
測試編號: 18-0555-19	電流(A): 0.0670
光源規格型號: LED 5W	功率(W): 5.1230
每個光源光通量(lm)	功率因數: 0.3500
光源數量: 1	鎮流器型號: Ten Lighting/YD06-60-100
發光面長度(mm): 59	發光面寬度(mm): 59
測試模式: C	發光面高度(mm): 25

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## 光度結果

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燈具光通量(lm): 298.23  
燈具效能(lm/w): 58.21  
中心光強(cd): 710.929  
最大光強(cd): 710.928  
最大光強角度:  $C=0.0 \gamma=0.0$   
半峰邊角(50%Imax): [C0/180]Left=13.3 Right=11.8  
                                  [C90/270]Left=11.0 Right=14.1  
光束擴散角(10%Imax): [C0/180]Left=32.6 Right=30.3  
                                  [C90/270]Left=31.4 Right=32.7

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測試設備: GMS-2000  
環境溫度(°C): 24.9

測試日期: 2020/4/17  
環境濕度(%): 57.0%

測試人員: 廖苡汎  
測試距離(m): 20.03

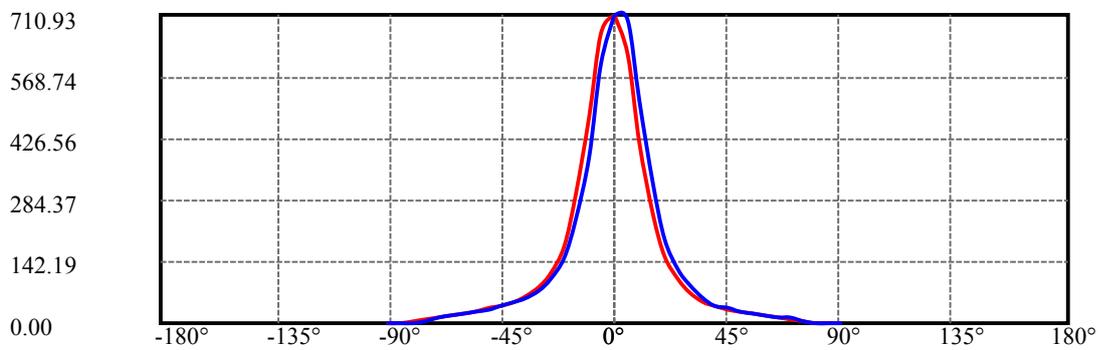
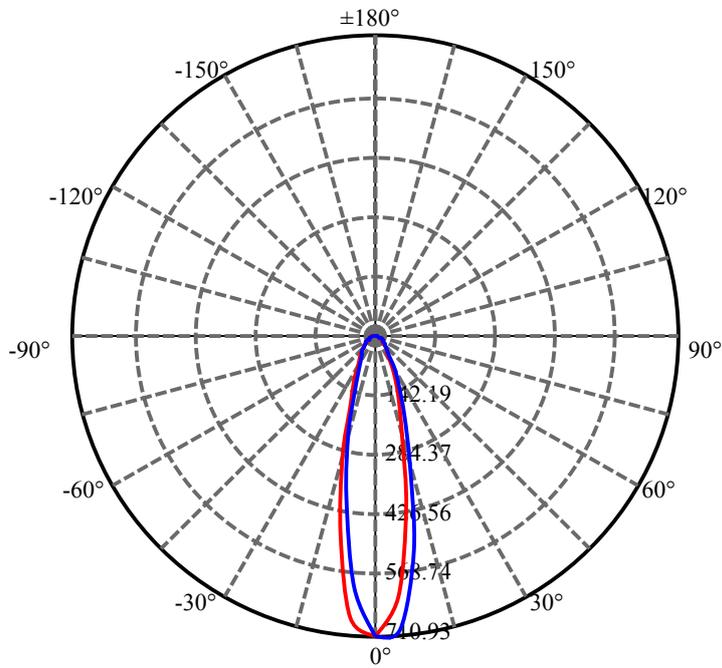
γ(°)	平均光強(cd)	環帶光通(lm)	累積光通(lm)	有效光通(%)	有效累計(%)
0.0	710.929	.000	.000	.000%	.000%
5.0	644.546	16.204	16.204	5.434%	5.434%
10.0	446.893	39.044	55.249	13.092%	18.526%
15.0	275.698	42.864	98.112	14.373%	32.899%
20.0	169.613	36.700	134.812	12.306%	45.205%
25.0	111.400	29.473	164.285	9.883%	55.087%
30.0	78.959	24.090	188.375	8.078%	63.165%
35.0	55.516	19.802	208.178	6.640%	69.805%
40.0	42.800	16.403	224.581	5.500%	75.305%
45.0	35.406	14.481	239.061	4.856%	80.161%
50.0	29.917	13.200	252.261	4.426%	84.587%
55.0	24.891	11.917	264.178	3.996%	88.583%
60.0	20.149	10.411	274.589	3.491%	92.074%
65.0	16.143	8.823	283.412	2.958%	95.032%
70.0	12.309	7.204	290.616	2.416%	97.448%
75.0	5.856	4.748	295.364	1.592%	99.040%
80.0	1.828	2.056	297.420	.689%	99.730%
85.0	.568	.651	298.071	.218%	99.948%
90.0	.000	.156	298.227	.052%	100.000%

ZONAL LUMEN SUMMARY

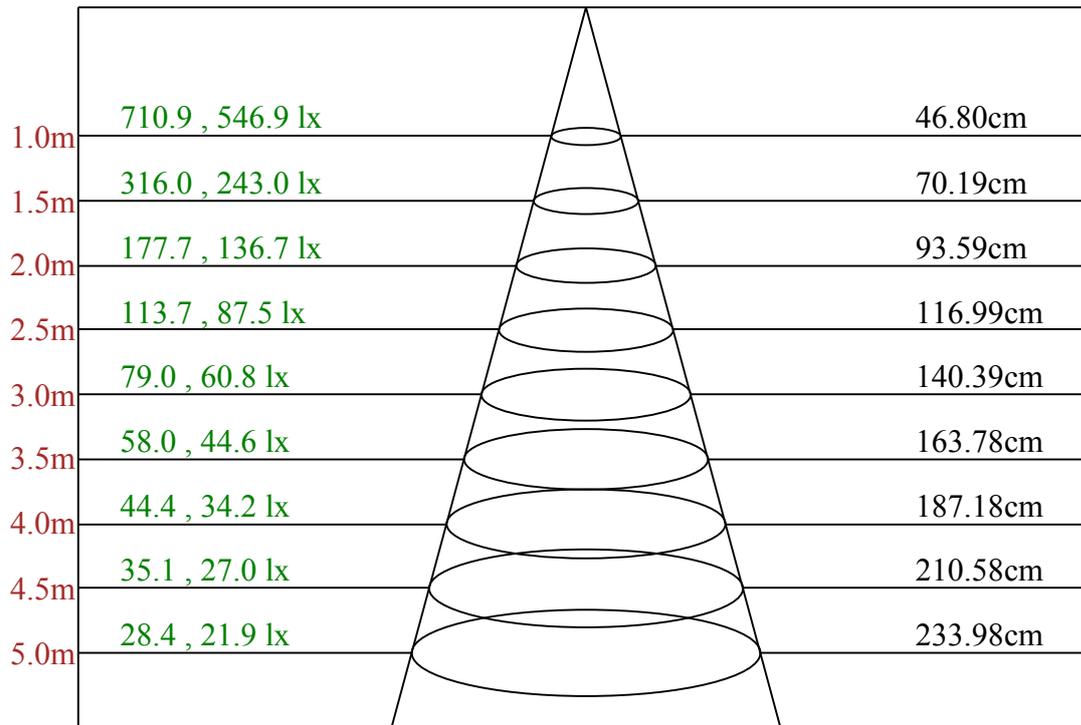
Zone	Lumens	%Fixt
0-30	188.38	63.17%
0-40	224.58	75.31%
0-60	274.59	92.07%
0-90	298.07	99.95%
0-120	298.07	99.95%
0-180	298.23	100.00%
60-90	33.89	11.36%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-44.83	238.58	80.00%

ZONAL LUMEN SUMMARY

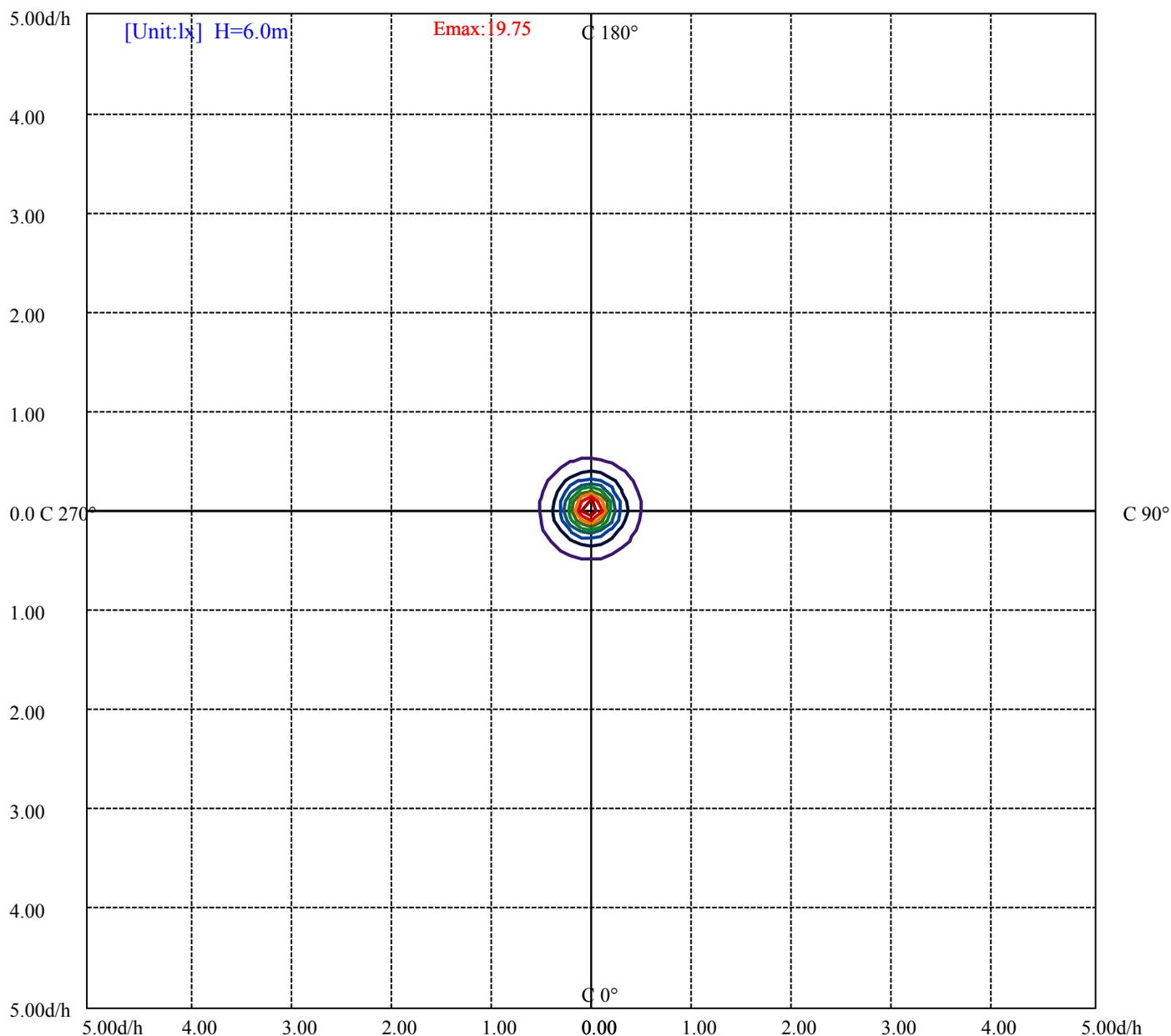
0-10	55.25
10-20	79.56
20-30	53.56
30-40	36.21
40-50	27.68
50-60	22.33
60-70	16.03
70-80	6.80
80-90	0.65
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
C90/C270: —



Max , Ave C0面光束角26.33



- (10%Emax) 1.974797
- (20%Emax) 3.949583
- (30%Emax) 5.924389
- (40%Emax) 7.899195
- (50%Emax) 9.874
- (60%Emax) 11.84878
- (70%Emax) 13.82358
- (80%Emax) 15.79839
- (90%Emax) 17.7732

測試設備：GMS-2000  
 環境溫度(°C)：24.9

測試日期：2020/4/17  
 環境濕度(%)：57.0%

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	710.93	619.45	413.24	251.15	155.26	103.11	72.62	50.15	38.92
5.0	710.93	619.86	417.25	253.16	157.27	104.31	72.62	50.15	38.52
10.0	710.93	625.07	422.87	257.97	160.48	105.52	73.42	50.15	38.52
15.0	710.93	630.29	432.09	260.78	164.09	108.32	74.62	51.75	39.32
20.0	710.93	642.72	438.51	265.19	166.90	109.93	76.23	52.56	39.72
25.0	710.93	644.33	444.13	268.80	170.91	111.94	77.83	53.36	40.12
30.0	710.93	653.16	450.15	273.22	173.32	113.54	78.23	53.36	40.92
35.0	710.93	653.16	458.97	279.64	174.92	115.55	79.04	54.16	40.52
40.0	710.93	659.57	465.39	284.05	178.53	116.75	80.24	54.56	40.92
45.0	710.93	666.39	470.61	288.46	179.74	118.35	81.04	54.96	40.92
50.0	710.93	669.60	475.82	291.67	181.74	119.16	81.84	55.37	40.92
55.0	710.93	674.02	477.83	296.89	184.95	120.36	82.65	55.77	41.32
60.0	710.93	678.43	485.45	300.10	186.56	120.76	83.45	55.77	41.32
65.0	710.93	681.64	490.67	304.51	188.16	121.97	83.45	55.37	41.32
70.0	710.93	684.05	494.68	307.72	189.37	122.37	83.85	56.17	40.92
75.0	710.93	687.66	503.91	311.33	190.97	123.17	84.65	55.77	40.92
80.0	710.93	693.68	505.51	314.14	192.58	123.57	85.86	56.57	40.92
85.0	710.93	695.28	510.33	316.95	194.58	124.37	86.26	56.57	41.72
90.0	710.93	696.48	513.14	320.16	195.38	125.17	86.66	57.37	41.72
95.0	710.93	700.50	517.95	323.77	195.79	125.58	86.26	57.77	41.72
100.0	710.93	700.50	518.35	323.77	197.39	125.98	86.26	57.77	42.13
105.0	710.93	698.49	519.96	324.97	197.79	126.38	86.66	57.77	42.13
110.0	710.93	702.10	517.95	324.17	197.79	125.58	86.66	58.58	42.53
115.0	710.93	699.69	519.96	324.17	197.79	124.77	86.26	58.17	42.93
120.0	710.93	697.69	518.75	324.97	196.99	124.37	85.86	58.58	43.33
125.0	710.93	703.31	518.35	323.37	196.19	123.57	85.86	58.98	43.33
130.0	710.93	697.29	515.54	320.96	191.77	122.37	85.46	58.98	43.73
135.0	710.93	696.89	511.13	321.76	191.37	121.16	85.46	58.98	44.13
140.0	710.93	693.68	508.72	317.35	189.77	121.16	85.05	59.38	44.13
145.0	710.93	688.46	503.51	317.35	188.16	120.36	84.25	58.98	44.53
150.0	710.93	687.66	499.90	315.75	188.16	119.16	85.05	59.38	44.53
155.0	710.93	682.84	497.49	310.93	185.35	119.16	84.65	58.98	44.93
160.0	710.93	683.25	490.67	308.12	183.35	118.76	84.25	59.38	44.93
165.0	710.93	678.43	486.66	304.91	182.55	117.55	83.85	59.38	45.34
170.0	710.93	671.21	482.24	302.10	180.54	117.55	83.45	59.38	46.14
175.0	710.93	673.62	481.04	298.89	179.34	116.75	83.45	59.78	46.14
180.0	710.93	668.80	476.23	294.48	177.73	115.95	83.05	59.78	46.54
185.0	710.93	663.19	470.21	289.67	176.13	115.14	82.65	59.38	46.54
190.0	710.93	661.98	466.20	286.06	174.12	114.74	82.25	59.78	46.94
195.0	710.93	655.56	460.98	281.24	172.12	113.14	81.44	60.18	46.94
200.0	710.93	652.75	454.96	276.43	170.11	112.74	81.04	60.18	47.34
205.0	710.93	646.74	449.35	274.42	168.10	111.94	81.44	59.78	46.94
210.0	710.93	642.32	440.52	270.41	166.50	111.13	81.04	59.38	47.34
215.0	710.93	636.30	435.70	266.80	165.70	110.33	80.64	58.98	46.94
220.0	710.93	635.10	430.09	263.19	162.89	108.73	80.24	58.98	47.34
225.0	710.93	626.68	422.46	261.58	160.48	107.92	79.44	58.98	47.34
230.0	710.93	625.87	418.05	260.38	158.88	107.12	79.84	58.98	46.94
235.0	710.93	616.24	412.84	256.37	156.87	106.72	79.44	58.58	46.14
240.0	710.93	610.63	405.61	255.57	155.67	106.32	78.64	57.77	44.93
245.0	710.93	608.62	402.40	252.36	154.86	105.11	77.43	55.77	43.73
250.0	710.93	602.20	392.78	247.14	152.86	103.51	75.02	54.56	43.73
255.0	710.93	598.99	387.16	241.12	148.85	100.70	73.42	53.76	45.34
260.0	710.93	602.20	385.55	237.11	146.04	99.10	72.62	54.56	46.54
265.0	710.93	596.99	384.35	237.91	146.04	99.50	75.02	56.57	47.34
270.0	710.93	596.59	383.95	237.51	148.44	101.50	76.23	57.37	46.94
275.0	710.93	592.17	380.34	233.10	148.04	101.50	75.02	56.17	44.53
280.0	710.93	591.37	378.33	232.30	146.04	99.50	73.42	53.36	41.72
285.0	710.93	591.77	379.54	231.49	144.83	97.49	71.01	50.95	40.52

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	710.93	592.98	380.34	232.30	144.43	97.09	69.41	49.75	40.12
295.0	710.93	590.17	382.34	231.89	145.64	96.69	69.01	49.75	40.12
300.0	710.93	591.77	383.55	232.30	147.24	97.09	69.41	49.75	40.12
305.0	710.93	592.57	385.15	233.50	147.24	98.29	70.21	50.15	40.92
310.0	710.93	590.97	384.75	233.90	147.64	98.29	70.21	50.55	40.52
315.0	710.93	591.37	386.76	234.70	148.44	97.89	70.21	50.95	40.52
320.0	710.93	593.38	386.76	235.50	148.44	99.10	71.01	50.55	40.12
325.0	710.93	595.78	389.57	236.31	148.44	99.50	70.61	50.55	40.12
330.0	710.93	593.78	391.57	238.71	148.85	99.90	71.41	50.15	39.72
335.0	710.93	596.99	395.99	240.32	149.25	100.30	71.41	50.55	39.32
340.0	710.93	601.40	400.00	241.92	150.45	101.10	71.81	50.15	38.92
345.0	710.93	606.62	400.00	243.53	151.65	101.91	71.81	50.55	38.92
350.0	710.93	607.02	404.41	246.34	153.26	102.31	72.22	49.75	38.92
355.0	710.93	609.02	408.82	249.15	154.06	103.11	72.62	50.15	38.52
360.0	710.93	619.45	413.24	251.15	155.26	103.11	72.62	50.15	38.92

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	31.69	26.08	21.66	18.05	14.44	10.03	4.01	1.20	0.40
5.0	31.69	26.48	21.66	17.65	14.04	10.03	4.01	1.20	0.40
10.0	31.69	26.48	21.66	17.65	14.04	9.63	4.01	1.20	0.40
15.0	31.69	26.48	21.66	17.25	14.04	9.63	4.01	1.20	0.40
20.0	32.10	26.48	21.66	17.25	14.04	9.63	4.01	1.20	0.40
25.0	32.10	26.88	22.07	17.65	13.64	9.63	4.01	1.20	0.40
30.0	32.90	27.28	22.07	17.65	14.04	9.63	4.01	1.20	0.40
35.0	32.90	27.28	22.47	18.05	14.04	9.63	4.01	1.60	0.40
40.0	32.90	27.28	22.47	18.46	14.44	10.03	4.01	1.60	0.40
45.0	32.90	27.28	22.47	18.46	14.84	10.03	4.01	1.60	0.40
50.0	32.90	27.28	22.87	18.46	14.84	10.43	4.41	1.60	0.40
55.0	32.90	27.28	22.87	18.86	14.84	10.43	4.41	1.60	0.40
60.0	32.90	27.28	22.47	18.86	15.25	10.83	4.81	1.60	0.40
65.0	32.90	27.28	22.47	18.86	15.25	10.83	4.81	1.60	0.40
70.0	32.90	27.28	22.47	18.86	15.25	10.83	4.81	1.60	0.40
75.0	32.90	26.88	22.87	18.86	15.25	11.23	4.81	1.60	0.40
80.0	32.90	26.88	22.87	18.86	15.25	10.83	4.81	1.60	0.40
85.0	32.90	27.28	22.87	18.46	14.84	11.23	4.41	1.60	0.40
90.0	33.30	27.28	22.87	18.86	14.84	11.23	4.81	1.60	0.40
95.0	33.30	27.28	22.87	18.86	15.25	11.63	4.81	1.60	0.40
100.0	33.30	27.68	22.87	18.86	15.25	11.63	4.81	1.60	0.40
105.0	33.70	28.08	23.27	18.86	15.65	12.04	5.22	1.60	0.40
110.0	34.10	28.08	23.67	19.26	15.65	12.44	5.22	1.60	0.40
115.0	34.50	28.49	23.67	19.66	15.65	12.44	5.62	1.60	0.80
120.0	34.50	28.89	24.07	19.66	16.05	12.84	6.02	2.01	0.80
125.0	35.31	29.29	24.47	20.06	16.05	12.84	6.42	2.01	0.80
130.0	35.71	29.69	24.47	20.06	16.45	13.24	6.82	2.01	0.80
135.0	35.71	30.09	24.87	20.46	16.45	13.24	6.82	2.01	0.80
140.0	36.51	30.49	25.28	20.86	16.85	13.64	6.82	2.01	0.80
145.0	36.51	30.49	25.68	21.26	16.85	13.64	7.22	2.01	0.80
150.0	36.91	31.29	26.08	21.26	16.85	14.04	7.22	2.01	0.80
155.0	36.91	31.29	26.08	21.66	17.65	14.04	7.22	2.41	0.80
160.0	37.31	31.69	26.88	22.07	17.65	13.64	7.22	2.41	0.80
165.0	37.71	32.10	27.28	22.07	18.05	13.64	7.62	2.41	0.80
170.0	38.11	32.90	27.28	22.47	18.05	13.64	8.02	2.81	0.80
175.0	38.52	32.90	27.68	22.47	18.05	13.64	8.02	2.81	0.80
180.0	38.92	33.70	28.08	22.87	18.05	14.04	8.02	2.81	0.80
185.0	38.92	33.70	28.08	22.87	18.05	14.04	8.43	2.81	0.80
190.0	39.32	34.10	28.49	23.27	18.46	14.04	8.43	2.81	0.80
195.0	39.72	34.10	28.49	23.27	18.46	13.64	8.83	2.81	0.80
200.0	39.72	34.10	28.49	23.27	18.46	13.64	8.83	2.81	0.80
205.0	39.72	34.10	28.49	23.67	17.65	14.04	8.83	2.81	0.80
210.0	39.72	33.70	28.49	24.07	17.25	14.04	9.23	2.81	0.80
215.0	39.32	33.30	28.89	23.27	16.85	14.44	8.83	2.81	0.80
220.0	39.72	32.90	29.69	22.47	16.85	14.44	8.83	2.81	0.80
225.0	38.92	32.90	30.49	21.26	16.85	14.44	8.43	2.41	0.80
230.0	38.11	33.30	31.29	20.46	17.25	14.04	8.43	2.41	0.80
235.0	37.71	34.50	30.49	20.46	17.25	14.04	8.02	2.41	0.80
240.0	37.71	35.71	28.49	20.46	17.25	14.04	7.62	2.01	0.80
245.0	38.52	36.51	27.28	20.86	17.25	14.04	7.62	2.01	0.80
250.0	40.12	36.11	26.48	20.86	17.25	14.04	7.22	2.01	0.80
255.0	41.32	35.31	25.28	20.86	17.25	13.64	6.82	2.01	0.80
260.0	41.32	32.90	24.87	20.86	17.25	13.64	6.82	2.01	0.80
265.0	40.52	30.89	24.87	20.86	17.25	13.64	6.42	2.01	0.40
270.0	37.71	29.69	25.28	20.86	17.25	13.64	6.02	1.60	0.40
275.0	35.31	29.29	25.28	20.86	16.85	13.64	5.62	1.60	0.40
280.0	34.10	29.69	25.28	20.86	16.85	13.64	5.62	1.60	0.40
285.0	34.10	29.69	25.28	20.86	16.85	13.24	5.22	1.60	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	34.10	30.09	25.28	20.46	16.85	13.24	5.22	1.60	0.40
295.0	34.50	30.49	24.87	20.86	16.85	12.84	4.81	1.60	0.40
300.0	34.90	30.09	24.87	20.46	16.45	12.84	4.81	1.60	0.40
305.0	34.90	30.09	24.87	20.06	16.45	12.44	4.41	1.20	0.40
310.0	34.90	29.29	24.47	20.06	16.45	12.44	4.41	1.20	0.40
315.0	34.50	29.29	24.07	20.06	16.05	12.04	4.41	1.20	0.40
320.0	34.10	28.89	24.07	20.06	15.65	11.63	4.01	1.20	0.40
325.0	33.70	28.49	24.07	19.66	15.65	11.23	4.01	1.20	0.40
330.0	33.70	28.08	23.67	19.26	15.25	11.23	4.01	1.20	0.40
335.0	32.90	27.68	23.27	19.26	15.25	10.83	4.01	1.20	0.40
340.0	32.50	27.68	22.87	18.86	14.84	10.43	4.01	1.20	0.40
345.0	32.50	26.88	22.47	18.86	14.84	10.43	4.01	1.20	0.40
350.0	32.10	26.88	22.47	18.46	14.84	10.43	4.01	1.20	0.40
355.0	31.69	26.48	22.07	18.05	14.44	10.03	4.01	1.20	0.40
360.0	31.69	26.08	21.66	18.05	14.44	10.03	4.01	1.20	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	0.00
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